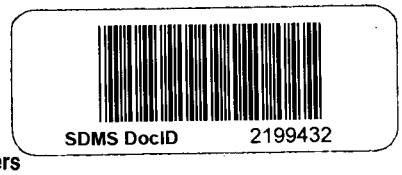

Lori E. Sanders
Senior Counsel

DuPont Legal
Wilmington Office Buildings D-7086
1007 Market Street
Wilmington, DE 19898
302-774-9466 Tel 302-774-1189 Fax
lori.e.sanders@usa.dupont.com E-mail

ORIGINAL

August 24, 2012

VIA FEDERAL EXPRESS OVERNIGHT

Mr. Kenneth I. Rose, III
Financial Analyst
United States Environmental Protection Agency, Region III
1650 Arch Street, 3HS62
Philadelphia, PA 19103

Re: Metro Container Site, Trainer, Pennsylvania
CERCLA Section 104(e) Information Request – DuPont Supplemental Response

Dear Mr. Rose:

This letter is the supplemental response of E.I. du Pont de Nemours & Company ("DuPont") to the United States Environmental Protection Agency's ("USEPA") March 9, 2012 Information Request, received by DuPont on March 15, 2012 ("Information Request"). DuPont submitted its initial response to this 2012 Request on June 8, 2012, and in this submission DuPont stated that a supplemental response would be forthcoming on July 31, 2012. Additional time was needed to collect responsive materials and formulate a written response. Please note that the objections stated in the June 8, 2012 letter are incorporated herein by reference.

DuPont's supplemental responses follow:

1. **EPA has information which indicates that you sent drums to the Metro Container Site between 1980-1988 from one or more of your facilities. For each such facility, identify:**

   a) the address of the facility; and

   b) the products/materials produced at such facility between 1980-1988.

   a) DuPont has no supplemental information responsive to this Request.

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LG-4878 Rev. 2/94

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b) Parlin – DuPont has no supplemental information in response to this Request.

Towanda – The DuPont Towanda Imaging Systems plant manufactures x-ray intensifying screens, film systems for the printed circuit board industry, and proofing films and papers for the printing industry. The x-ray screens are made of a series of chemical formulations coated onto sheets of stiff plastic. The circuit board and printing industries' films consist of a "sandwich" of chemical formulations coated between two plastic sheets – commonly known as "films". Coated product is then wound onto large rolls which are further processed. See **Towanda Exhibit A** for a basic schematic of this process. Waste film is generated from (1) establishing conditions on production equipment to make acceptable product; (2) small roll samples taken for laboratory tests; (3) poor quality product in the form of rolls from a few hundreds to several thousand feet; (4) cutting large rolls to make small rolls to meet customer requirements (the "finishing" operation); and (5) product returned by customers for evaluation. Finishing operations include packaging the products for shipment. About 70-85% of the chemical formulation in most films is composed of copolymers of acrylate or methacrylate esters, synthetic rubbers, various acrylate esters, styrene copolymers and high molecular weight alcohols. The remaining 15-30% is composed of substituted sulfonamides and imidazoles, dyes, cyclic ketones, pigments and colorants, selected wavelength absorbers and other minor ingredients.

Among the products manufactured at Towanda during the time period between 1980 and 1988 were Crona-Lite® and Surlyn® (an ionomer material).

According to DuPont's prior response to an Information Request for the Bell Landfill (which is a Pennsylvania closed landfill that the DuPont Towanda facility previously used for the disposal of certain wastes), the following products were produced at the plant during a portion of the relevant time period (1980-1988):

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Product	Solvents	Major Ingredients	Dates (during relevant period used at Towanda)
Par salt		Calcium chloride, sodium tungstate	1980-1985
Hi speed salt		Ammonium hydroxide, ammonium sulfate, barium carbonate, lead nitrate, nitric acid	1980-1985
Fluoroscopic salt		Ammonium chloride, ammonium hydrozide, cadmium sulfide, zinc sulfide	1980-1988
XP-1 salt		Ammonium hydrozide, ammonium slfate, ammonium sulfide, barium fluoride, barium chloride, europium fluoride, filter aid, nitric acid, strontium fluoride, barium carbonate, barium fluoride	1980-1988
Quanta 3 salt		Lanthanum oxybromide	1980-1988
GDOS salt (Quanta V)		Gadolinium oxysulfide	1981-1988
MYNT TYTE salt		Caustic soda, lithium sulfate, muriatic acid, tantalum oxide, thulium oxide, yttrium oxide	1983-1988
Hi speed screens	Butyl acetate, acetone	Mylar, ammonium hydroxide, ammonium sulfate,	1980-1988

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Product	Solvents	Major Ingredients	Dates (during relevant period used at Towanda)
		barium carbonate, lead nitrate, nitric acid	
Par screens	Butyl acetate, acetone	Mylar, calcium chloride, sodium tungstate	1980-1988
Fluoroscopic screens	Butyl acetate, acetone	Mylar, ammonium chloride, ammonium hydrozide, cadmium sulfide, zinc sulfide	1980-1988
Tomographic screens	Butyl acetate, acetone	Mylar, ammonium chloride, ammonium hydrozide, cadmium sulfide, zinc sulfide	1980-1988
Industrial screens	Butyl acetate, acetone	Mylar, ammonium chloride, ammonium hydrozide, cadmium sulfide, zinc sulfide	1980-1988
Quanta V screens	Butyl acetate, 1-propanol	Rare earth oxides	1981-1988
SPAC	Isopropyl alcohol	Surfactant	1980-1988
Merix		Acetates, surfactants	1980-1988
Densifier solution	Isopropanol	Dye	1980-1982
Stabilizer solution		Aluminum sulfate	1980-1982
Cronapress coating	Dimethylformamide	Polyvinyl chloride resin	1980-1982
Cronapress sealer	Alcohol	Acrylic resin	1980-1982

ORIGINAL

Product	Solvents	Major Ingredients	Dates (during relevant period used at Towanda)
Crolux coating	Triclene, methylene chloride, toluene	Dye, ether ester, acrylic resin	1980
Riston photo resist coating, Vacrel	Triclene, methylene chloride, ethyl cellosolve, methanol	Acrylate monomers, acrylic resins, base, dye	1980-1988
Lydel	Ethyl cellosolve	Aluminum, acrylic resins, acrylate monomers	1980
Riston developer	Butyl cellosolve	Mono-sodium phosphate, tri-sodium phosphate, surfactant, sodium silicate	1980-1988
Finisher		Sodium poly phosphate	1980
Deletion fluid	Methanol		1980
Riston stripper	Butyl carbitol, butyl cellosolve		1980-1988
Antifoam	Octanol		1980-1988
Dylux	Methylene chloride, isopropyl alcohol	Acrylate monomers, sulfonic acid, silicon dioxide, base	1980-1988
Cromalin film, Cromacheck	Methylene chloride, methanol	Base, acrylate monomers, acrylic resins, dyes, surfactant	1980-1988
Cromalin toners		Dye	1980-1988

ORIGINAL

Product	Solvents	Major Ingredients	Dates (during relevant period used at Towanda)
Start up kits		Dye	1980-1988
Cyrel	Methylene chloride, methanol	Base, styrene/butadiene copolymers, dye	1980-1988
Permasep	Dimethylacetamide	Base, polymers, lithium nitrate, calcium chloride	1983-1988
Pyralux	Acrylonitrile	Base, formaldehyde, acrylic polymer	1985-1988
Green tape	Methylene chloride, 1,1,1-trichloroethane, isopropanol	Methyl ethyl ketone, dioctylphthalate, aluminum oxide, acrylic resins, ceramics, dioxane, freon	1988
Polaroid ORN		Base, polyether polyvol, Ag Br, dye, vinyl acetate	1980-1984
Cronalite	Methylene chloride, 1,1,1-trichloroethane, ethyl cellosolve	Acrylic resins, acrylate monomers, toluene, polymeric esters	1980-1981

2. Identify the processes used between 1980-1988 to produce the products/materials identified in response to Question #1.

Parlin - DuPont has no supplemental information responsive to this Request.

Towanda – See DuPont's Response to Question #1b above, including **Towanda Exhibit A**. The Towanda plant uses two basic manufacturing processes. The first is for the x-ray screens which are produced by coating stiff pieces of plastic with different types of phosphors. The coated plastic is then trimmed and boxed for shipment. The second process is for the other films which are manufactured

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by coating chemicals mixed with organic solvents onto a polyester base film. The solvents are evaporated in dryers equipped with a solvent recovery system. The dried coat is then laminated with a polyethylene coversheet and wound onto wide rolls. The rolls are cut to customer specifications, packaged and shipped.

3. **Identify the raw materials used in the processes identified in response to Question #2.**

Parlin – The following documents each contain information regarding the raw materials used at the facility:

a) a raw material listing from the Parlin Automotive Products Department, dated October 15, 1987 (**Parlin Exhibit A**)

b) October 16, 1987 SARA Title III, Section 311 hazardous substances inventory list provided to Sayreville Emergency Planning Commission, NJDEP, and Sayreville Fire Department (**Parlin Exhibit B**) (Note: This 1987 listing represents the Imaging Systems Department (formerly Photo Products) as well as the Fabricated Products Department (formerly Finishes & Fabricated Products)

c) Casting and Polymerization Department's classification of chemicals on-site, in accordance with SARA/Title III, dated October 13, 1987 (**Parlin Exhibit C**)

Towanda – Please see **Towanda Exhibit B** for various material safety data sheets for raw materials used at the facility.

4. **Identify all wastes and by-products generated between 1980-1988 from the processes identified in response to Question #2.**

Parlin – The following documents contain information responsive to this request:

a. Parlin's Hazardous Waste Facility Annual Reports submitted to NJDEP for1987 (**Parlin Exhibit D**). [Note: Due to the fact that the Parlin site was still "divided" in 1987, the site's submission to NJDEP is for both EPA Identification numbers, NJD000820159 and NJD002444024. These numbers represent the photo imaging and automotive products departments at the plant, respectively.]

b. two diagrams, dated October 1980, which appear to represent how certain hazardous wastes were disposed (**Parlin Exhibit E**);

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c. information relating to standard practices of waste disposal (dated November 1980 and December 1984) (**Parlin Exhibit F**);

d. information relating to hazardous waste inventory for 1985 and 1987 (**Parlin Exhibit G**);

e. information regarding drummed wastes (including hand-written drum inventory records from 1986 and 1987) (**Parlin Exhibit H**);

f. Section 313 hazardous waste shipped in 1987 (**Parlin Exhibit I**);

g. additional documentation regarding hazardous waste shipments from 1981 to 1987 (**Parlin Exhibit J**);

h. letter dated October 14, 1985 from J.F. Ferguson, Waste Coordinator at Parlin which outlines the hazardous waste streams at the plant in 1985 and a listing of hazardous waste shipments made in 1985 (**Parlin Exhibit K**);

i. 1981 off-plant waste survey (**Parlin Exhibit L**);

j. 1981 generator and facility annual hazardous waste reports to USEPA (dated 1/7/83) (**Parlin Exhibit M**);

k. 1983 annual hazardous waste facility report (Parts I & II) and 1983 generator annual report (**Parlin Exhibit N**);

l. Parlin's Chemical Manufacturers Association (CMA) Hazardous Waste Surveys for 1985 (for the Automotive Products Department, formerly "F&FP") and 1986 (for the Imaging Department) (**Parlin Exhibit O**); and

m. Waste Characterization Forms for 1988, and hazardous waste inventory forms for 1986, 1987 and 1988 (**Parlin Exhibit P**).

Towanda – Generally, the wastes at Towanda fall into several broad categories: off-specification non-returnable raw materials, spent solvents, off-specification coating solutions, off-specification coated film, out-of-date or excess laboratory chemicals, and domestic/commercial type trash. The non-usable raw materials are generally treated as hazardous waste with exception of the uncoated polyester film and the polyethylene cover sheet which are landfilled as non-hazardous wastes. Spent solvents are collected and treated at off-site hazardous waste disposal facilities or solvent recyclers. Off-specification coating solutions (raw material chemicals dissolved in solvents) are usually mixed with spent solvent

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streams for disposal. Off-specification films with polyethylene cover sheets are considered non-hazardous and are landfilled. Scrap films without cover sheets are disposed as hazardous wastes. Non-hazardous solid waste, consisting mainly of domestic/commercial type trash, inert construction rubble, and off-specification film is disposed in the NTSWA landfill. Excess laboratory chemicals were disposed in "lab packs" as hazardous waste.

Bell Landfill (EPA ID # PAD980705107) was used by the Towanda plant from a time before the relevant period for this inquiry through January 31, 1981. Bell Landfill accepted domestic/office/commercial type trash, off-specification coated and uncoated films, inert construction rubble, used rags and uniforms, and empty laboratory containers. The Clymar Landfill (Susquehanna County, Pennsylvania) was used from December 1980 through December 1981. In June 1981, the plant sent a limited amount of non-hazardous waste to Masonite Incineration (as part of an incineration demonstration). In January and February 1982, a portion of the non-hazardous wastes was disposed at the Bainbridge Landfill near Sidney, New York and the Tantalo Landfill near Waterloo, New York. From February 1982 through July 1983, wastes were disposed at the Tioga County Landfill, Pennsylvania. One 40 cubic yard container was disposed at the Allenwood Landfill in Lycoming County, Pennsylvania in May 1982. From August 1983 through 1988, all non-hazardous waste was disposed at the Bradford County Landfill. An exception was when a small proportion of wastes were disposed at the Tioga County Landfill.

In 1980, most hazardous wastes were shipped off-site to Model City, New York. From 1981 through 1988, all hazardous wastes were disposed off-site in RCRA permitted treatment and/or disposal facilities.

Information located at the plant also indicates that scrap fiber drums were taken off-site to Tunnel Barrel in Carlstadt, NJ.

5. For each raw material and waste/by-product identified in response to Questions #3 and #4:

a) Identify the chemical composition.

b) Provide a copy of all documents referring to or related to the composition of such raw material and waste/by-product including, but not limited to, chemical analyses performed on such raw materials and wastes/by-products; and

c) Identify how each waste/by-product was disposed of between 1980 and 1988.

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a) Parlin – DuPont has no supplemental information responsive to this Request.

Towanda – DuPont located a limited number of MSDSs for materials used during the relevant time period. (See **Towanda Exhibit B**)

b) Parlin – Please see DuPont's response to Question #4 above.

Towanda – Please refer to the following exhibits responsive to this Request:

- Towanda's CMA Hazardous Waste Surveys for 1981, 1982 and 1983 - **Towanda Exhibit C**
- 1983 hazardous waste streams – **Towanda Exhibit D**
- 1981 SCA chemical waste shipping information – **Towanda Exhibit E**
- Aqueous waste information (1981) – **Towanda Exhibit F**
- Off-plant waste summary – **Towanda Exhibit G**

c) Parlin – Please refer to DuPont's response to Question #4 above. By way of further response, according to a DuPont land disposal survey dated circa 1980, the photo products portion of the Parlin facility sent waste acrylates and latex emulsions as well as polyester and acetate to a landfill in Old Bridge, New Jersey operated by Global Landfill Reclaiming Corporation. These wastes were co-disposed with municipal waste. Waste acid solutions, resins, solvents and alcohols were taken off-site for neutralization and recycling. Waste sludge was taken off-site to an SCA Chemical Services, Inc. in Model City, New York. Other wastes handled by SCA were lubricating fluids, sodium dichromate, organic solvents with small amounts of dye, scrap oil and water, scrap solvents, Flexosolvent and methylene chloride coating butts. These wastes went to either SCA's Model City, NY or Newark, NJ locations. Another vendor providing services for the disposal of waste acid solutions, acrylates, latex emulsions, resins, TCE, oils and sludge and alcohols was Rollins Environmental Services, in Bridgeport, New Jersey. At the time, the current practice was to incinerate and neutralize such wastes (the prior practice had been landfilling).

Towanda – Please refer to DuPont's response to Question #5b above. By way of further response, prior to the plant utilizing the solvent recovery services of ChemSolvents, Inc. (for the recovery of methylene chloride), it utilized Inland Chemical Co. (Ft. Wayne, IN) and Marisol Corp. (Middlesex, NJ). In addition to methylene chloride, Inland and Marisol also reprocessed other scrap organic solvent liquids containing acrylates, plasticizers, Sb2O3, ABS and other resins, glycol ether and methanol. The predominant chemical waste

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reprocessor used by Towanda during the relevant time period appears to be SCA Chemical Waste Services, Inc. (formerly Chem-Trol Pollution Services, Inc.) at Model City, New York. According to plant memoranda, the Towanda facility began to utilize SCA's services at the beginning of 1981. SCA also was responsible for disposing of additional hazardous wastes as identified on **Towanda Exhibit E** ("SCA Chemical Waste Shipping Information, accompanied by 11/6/81 memorandum from D.W. Whaley) including certain scrap lab samples (a listing of those sample chemicals are identified in **Towanda Exhibit H**. These materials were stored in drums, but even as early as 1981 internal memoranda suggest that an effort be undertaken to minimize the number of waste drums generated (and thus minimize the number of drums needed to be recycled or reconditioned).

Other locations used by the Towanda plant for waste disposal include Peckham/Bainbridge/Bags Landfill (Sidney, NY) which, in the 1980s, accepted the following types of wastes from the plant: office/cafeteria and misc. paper, cardboard (with no chemical contamination), scrap wood, metal and plastic with no chemical contamination, coated and uncoated film, plastic trash bags filled with the previously identified items; Masonite Incineration accepted cardboard and paper waste, film waste coated and uncoated – trim, film waste coated and uncoated – butt rolls, cores, plastic and paper with and without film, black poly bags with items listed above, clear poly bags with items listed above, cardboard drums (with no liners and no chemical residues); and Clymar Landfill (Middletown Township, PA) which accepted waste film stored on-plant in an open-top dumpster on-site.

Towanda also previously used the services of Rollins Environmental Services, Inc. (Bridgeport, NJ) to dispose of drummed hazardous wastes. An internal memorandum states that as of December 23, 1980, Towanda had a contract with Rollins to dispose of certain drummed hazardous wastes. However, it is unknown how long such contract with Rollins continued. See **Towanda Exhibit G** for a listing of the chemical wastes picked up and disposed by SCA Chemical Waste Services, Inc. and Rollins Environmental Services, Inc. as of April 1980 and December 23, 1980.

For the earlier portion of the relevant time period for this Information Request, Towanda utilized American Cooperage & Steel Drum Co. (Baltimore, MD) to purchase and pick up empty drums, many of which had contained different chemicals. Among the chemicals in the drums picked up by American Cooperage were acetone, n-butyl acetate, n-propanol, isopropanol and methanol. The length of the contract with American Cooperage is unknown.

Finally, starting in late 1980, Towanda used an outside contractor to dispose of used solution filters in steel drums. Prior to 1980, these filters were

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disposed in fiber drums, and the drums were taken to Tunnel Barrel.

6. **Identify all chemicals/constituents that would have been present in drums present at any time between 1980-1988 at the facilities identified in response to Question #1(a).**

   Parlin – Please refer to a 1980 listing of toxic materials that may have been kept in drums and which drums were reconditioned (**Parlin Exhibit Q**).

   Towanda – Please refer to DuPont's response to Request #5c above.

7. **Identify the number of drums/containers sent to the Metro Container Site from the facilities identified in response to Question #1.**

   Towanda – See attached Bills of Lading (**Towanda Exhibit I**) dated January 25, 1988 through March 28, 1988.

   Parlin - DuPont has no supplemental information responsive to this Request.

8. **Identify the procedures to determine which drums present at any time at your facilities would be sent to the Metro Container Site.**

   DuPont has no supplemental information responsive to this Request.

9. **Identify the chemicals/constituents contained in the drums you sent to the Metro Container Site.**

   DuPont has no supplemental information responsive to this Request.

10. **If you assert in response to Question #9 that some or all of the drums sent to the Metro Container Site were empty, identify the chemicals/constituents that would have been in the drums before they were emptied.**

    DuPont has no supplemental information responsive to this Request.

11. **Identify, and provide a copy of, all contracts and agreements between you and Metro Container Corporation or any related entity under which drums were sent from your facilities to the Metro Container Site.**

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DuPont has no supplemental information responsive to this Request.

12. **Provide the name, title, address, and telephone number of the person answering these questions on your behalf. For each question, provide the name, title, area of responsibility, current address, and telephone number of all persons consulted in preparation of the answers.**

    DuPont has no supplemental information responsive to this Request.

13. **If any of the documents solicited in this information request are no longer available, please indicate the reason why they are no longer available. If the records were destroyed, provide us with the following:**

    a) **Your document retention policy;**

    b) **A description of how the records were/are destroyed (burned, archived, trashed, etc.);**

    c) **A description of information that would have been contained in the documents; and,**

    d) **The name, job title, and most current address known to you of the person(s) who would have produced these documents; the person(s) who would have been responsible for the retention of these documents; and the person(s) who would have been responsible for the destruction of these documents.**

    DuPont has no supplemental information responsive to this Request.

If you have any additional questions or concerns, please do not hesitate to contact me.

Very truly yours,

Lori E. Sanders
Senior Counsel

Attachments (provided via two CDs – one for Towanda, one for Parlin exhibits)

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Towanda Exhibits:

A - Application to dispose film waste at the Clymar Landfill (includes schematics)

B - Material Safety Data Sheets (MSDSs)

C - CMA Hazardous Waste Surveys (1981, 1982, 1983)

D - 1983 hazardous waste streams

E - 1981 SCA chemical waste shipping information

F - Aqueous waste information (1981)

G - Off-plant waste summary

H - 1981 description of scrap lab samples

I - Bills of Lading for Metro Container

Parlin Exhibits:

A - Raw material listing, dated October 15, 1987

B - October 16, 1987 SARA Title III, Section 311 hazardous substances inventory list

C – Coatings and Polymerization Department's October 13, 1987 classification of on-site chemicals

D - Parlin's Hazardous Waste Facility Annual Reports - 1987

E - Two diagrams, dated October 1980 (depicting how certain hazardous wastes were disposed)

F - Standard practices of waste disposal (dated November 1980 and December 1984)

G - 1985 and 1987 Hazardous waste inventory

H - Information regarding drummed wastes – 1986 and 1987

I - Section 313 hazardous waste shipped in 1987

J - Additional documentation regarding hazardous waste shipments from 1981 to 1987

ORIGINAL

K - Letter dated October 14, 1985 from J.F. Ferguson, Waste Coordinator at Parlin

L - 1981 off-plant waste survey

M - 1981 generator and facility annual hazardous waste reports to USEPA (dated 1/7/83)

N- 1983 annual hazardous waste facility report (Parts I & II) and 1983 generator annual report

O - CMA Hazardous Waste Surveys - 1985, 1986

P - Hazardous Waste Inventory (1986, 1987, 1988)

Q - Listing of drums that have been reconditioned and contained toxic materials

Du Pont Office Copy

Solid Waste Disposal, Module I
Du Pont Towanda Plant

Joseph F. Longo & Associates
Engineers-Architects-Consultants
Clarks Summit, PA 18411

(717) 587-1535

JOSEPH F. LONGO & ASSOCIATES

ENGINEERS – ARCHITECTS – CONSULTANTS

R.D. 1, BOX 435 • 1301 FAIRVIEW ROAD, CLARKS SUMMIT, PENNA. 18411

December 23, 1981

Mr. David J. Lamereaux, Acting Regional
Solid Waste Manager
Department of Environmental Resources
Commonwealth of Pennsylvania
90 East Union Street
Wilkes Barre, PA 18701

Re: Our Project No. P-1092,M-1-1
Du Pont Towanda, PA
Solid Waste, Module 1

Dear Mr. Lamereaux:

We are hand delivering herewith the original and (6) copies of Module 1 regarding a request for approval to dispose of film waste generated by the E. I. du Pont de Nemours & Company (Inc.) Towanda, PA plant. Included with the completed Module as supplements are laboratory chemical analyses of the waste including leaching tests; a description of the products produced and the waste generated; schematic flow diagrams of the manufacturing processes.

Mr. Clyde Wilson wishes to dispose of this waste for Du Pont at his licensed Sanitary Landfill #101019 located in Middletown Township, Rushville, PA thus providing a necessary service to the industry and the community.

It is our understanding that the Department is familiar with the waste generated by Du Pont and that for this reason we may expect approval of Module 1 will be expedited.

Your prompt attention will be appreciated. Please do not hesitate to contact us if you have any questions.

Sincerely,

Joseph F. Longo & Associates

Joseph F. Longo, P.E.

JFL/el
encl.
cc: Mr. H. R. Heim, Jr.
Mr. Clyde Wilson
file

BRANCH OFFICE MOUNTAIN VIEW PLAZA, BOX 99, GREAT BEND, PENNA. 18821 (717) 879-4777

FI-155 REV. 3-64

DUPONT

ESTABLISHED 1802

E. I. DU PONT DE NEMOURS & COMPANY

INCORPORATED

TOWANDA, PA. 18848

PHOTO PRODUCTS DEPARTMENT

December 2, 1981

Mr. David J. Lamereaux
Acting Solid Waste Manager
Commonwealth of Pennsylvania
Department of Environmental Resources
Wilkes-Barre Office
90 East Union St., Second Floor
Wilkes-Barre, PA 18701

Dear Mr. Lamereaux:

We are pleased to submit to you our permit application for landfilling our film waste within the jurisdiction of your regional office, at CLYMAR Landfill in Rushville. Also, enclosed are copies of the application; please transmit them to local elected officials as you deem appropriate.

The Du Pont Company and its contractors have undertaken the most extensive study to date on the environmental effects of landfilling the waste described in this application. We believe the information contained in this application to be accurate and in conformance with the instructions provided by your office.

Your decision could have considerable impact on our plant waste management program as well as product transportation and customer handling of our film products.

We welcome your questions on any part of this application. My staff, as well as our headquarters, and contractor personnel who have participated in this study, are prepared to meet with you to discuss the information provided.

We would appreciate an expedited review of this application, considering the importance of waste removal to the successful operation of our plant in this community.

Sincerely,

N. L. Cross
Plant Manager

NLC/mse
Enclosures

E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED
TOWANDA, PA. 18848

PHOTO PRODUCTS DEPARTMENT

November 19, 1981

Mr. David J. Lamereaux
Acting Solid Waste Manager
Commonwealth of Pennsylvania
Department of Environmental Resources
Wilkes-Barre Regional Office
Bureau of Solid Waste Management
90 East Union Street - 2nd Floor
Wilkes-Barre, PA 18701

Dear Mr. Lamereaux:

This letter certifies that neither the raw materials nor the leachate from the waste described in the Module 1 presented to you at our plant on November 13, 1981, contains the following materials listed on Table 1 of §75.261 (g) (5) (ii) of Pa. Bulletin Vol. 10, No. 31, pp3163-3-84:

Hazardous Waste No.	Contaminant
D012	Endrin (1,2,3,4,10, 10-hexachloro-1,7-epoxy-1,4,4a, 5,6,7,8,8a-octahydro-1,4-endo, endo-5,8-dimethano naphthalene)
D013	Lindane (1,2,3,4,5,6-hexachloro-cyclohexane, gamma isomer)
D014	Methoxychlor (1,1,1-Trichloro-2,2-bis [p-methoxphenyl] ethane)
D015	Toxaphene ($C_{10}H_{10}Cl_8$, Technical chlorinated camphene, 67-79 percent chlorine)
D016	2,4,d, (2,4-Dichlorophenoxyacetic acid)
D017	2,4,5-TP Silvex (2,4,5-Trichloro-phenoxypropionic acid)

This information is supplemental to our permit application and does not alter information contained in the permit application submitted to DER on November 13, 1981.

Sincerely,

Howard R. Helm, Jr.
Supervisor - Environmental Control

HRH/mse

ER-SWM-14: Rev. 4/81

DATE PREPARED

DATE REVISED

PA DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF SOLID WASTE MANAGEMENT
MODULE 1

DEPARTMENT USE ONLY

REQUEST FOR APPROVAL TO TREAT, STORE, OR DISPOSE OF A HAZARDOUS OR RESIDUAL WASTE STREAM

SEE INSTRUCTIONS BEFORE COMPLETING THIS FORM

I. GENERAL INFORMATION (must be completed by TSD facility)

A. Treatment, Storage, or Disposal Site

1. Name of facility CLYMAR Landfill

Address Rushville, PA 18839

Municipality Middletown Township County Susquehanna

2. Identification number (if applicable) [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

3. Solid waste permit number(s) for treatment, storage or disposal facility to be utilized
101019

4. Facility contact person

Name Clyde Wilson Title Owner

Phone no. 717-934-2527

B. Generator of the Waste

1. Name of company E. I. du Pont de Nemours & Co. (Inc.)

Mailing address New James St., Call Box 505, Towanda, Pa. 18848-0505

Location of site if different from mailing address North Towanda

Municipality Towanda County Bradford

2. If a subsidiary, name of parent co.

3. Identification number (if applicable) [P][A][D][0][0][3][0][3][8][0][5][6]

4. Company contact person

Name H. R. Heim, Jr. title Supervisor, Environmental Control

Phone no. (717)265-6141

DATE PREPARED

DATE REVISED

DEPARTMENT USE ONLY

II. WASTE DESCRIPTION (Must be completed by Generator)

A. General Properties

1. pH range Not Applicable to _____ (based on past analyses or knowledge)

2. Physical state:

a. ☐ liquid (less than 20% solids by dry wt. or flowable)

b. ☐ gas (ambient temperature and pressure)

c. ☒ solid (equal to or greater than 20% by dry wt. and non-flowable)

d. ☐ Check here if c. above was checked and waste contains free liquids.

3. Physical appearance:

Color Colorless, Blue, Red, Green, Black, White, Clear or Opaque Odor Slight, Sweetish

Number of solid or liquid phases of separation One

Describe each phase of separation
Some materials consist of a coating sandwiched between two plastic sheets. Other materials consist of a coating applied onto a plastic sheet.

4. U.S. DOT proper shipping name UN/NA number, and hazard class (if applicable):

Film, Photographic, Sensitized, NOIBN
(Non-hazardous; no UN/NA number)

5. Typical volume of waste to be shipped to treatment storage or disposal facility:

a. Monthly 140 gal., (tons) (circle one) *

b. Annually 1680 gal., (tons) (circle one) *

6. Treatment or disposal frequency: 360 times per year; ☐ one time

7. Current volume to be shipped to treatment storage or disposal facility 5 gal., (tons) (circle one)

8. a. Is the waste a hazardous waste as fined in 75.261? ☐ Yes ☒ No

b. If yes, describe the hazardous waste according to its description and hazardous waste number in 75.261.

9. Has the waste been delisted as a hazardous waste by DER? ☐ Yes ☐ No ☒ N/A
If yes or N/A, check the appropriate box(es) in Item 10.
*Includes all non-hazardous solid waste from the site.

DATE PREPARED
DATE REVISED

DEPARTMENT USE ONLY

10. Is the waste a residual waste or a delisted hazardous waste? ☒ Yes ☐ No
If yes, check the following box(es) as applicable:

☐	discarded commercial chemical product	☒	process waste
☐	tank bottom		
☒	off-specification species	☐	infectious waste
		☐	baghouse dust
☐	manufacturing chemical intermediate	☐	wastewater treatment plan residue (industrial)
☐	still bottom		
☐	spent catalyst	☐	wastewater treatment plant residue (sewage)
☐	flyash	☐	water treatment plant residue
☐	bottom ash	☐	incinerator residue
		☐	acid mine drainage treatment sludge
☐	slag	☐	spill residue
☐	foundry sand		
☐	SO_2 scrubber sludge	☐	other (specify) _____

B. Chemical Analyses — *Please attach the following:* See attached sheets.

1. The results of the total analysis of the waste as described in the instructions.

   See attached sheets

2. The results of the leaching tests as described in the instructions and the leaching method.

   See attached sheets

3. A description of the sampling method.

   See attached sheets

4. The range of concentrations of the constituents based on knowledge or past analyses.

   See attached sheets

C. Process Description and Schematic — *Please attach the following:* See attached sheets

1. The substantiation for a confidentiality claim as described in the instructions, if portions of the information you have submitted are confidential.

2. A detailed description of the manufacturing and/or pollution control processes producing the hazardous or residual waste as specified in the instructions.

3. A schematic of the manufacturing and/or pollution control processes producing the hazardous or residual waste as specified in the instructions.

III. Liner Compatibility Evaluation (must be completed by TSD facility)

Attach the results of the liner compatibility evaluation or supporting data as specified in the instructions.

DATE PREPARED

TE REVISED

DEPARTMENT USE ONLY

IV. PROPOSED TREATMENT, STORAGE, AND/OR DISPOSAL METHOD (must be completed by TSD facility. Use additional sheets if necessary.)

A. Proposed Treatment Method

N/A

B. Proposed Storage Method and Length of Storage

THE WASTE IS STORED IN AN OPEN TOP DUMPSTER AND IS HAULED AWAY ON A DAILY BASIS.

C. Proposed Disposal Method

SANITARY LANDFILL

V. ALTERNATIVES TO PROPOSED TREATMENT AND/OR DISPOSAL METHOD (must be completed by generator. Use additional sheets if necessary.)

A. What Other Treatment, Disposal, Recycle, Reuse, or Reclamation Method(s) Can be Used? Briefly describe viable alternatives to your proposal.

Incineration
Burial in EPA or DER approved lined landfill for chemical waste.

B. Why was the Treatment and/or Disposal Method in Section IV Chosen?

The cost is reasonable, and the films pose negligible environmental effect.

DATE PREPARED
DATE REVISED

FOR DEPARTMENT USE ONLY

VI. CERTIFICATION OF GENERATOR

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Name of Responsible Official B. K. Saydlowski Title Employee Relations Superintendent

Signature BK Saydlowski Date 12/1/81

Taken, sworn and subscribed before me, this 1st day of DECEMBER A.D. 19 81

NOTARY SEAL

Phyllis M. McMorran, Notary Public
North Towanda Twp., Bradford County
My Commission Expires July 18, 1983
Member, Pennsylvania Association of Notaries

VII. CERTIFICATION OF REGISTERED PROFESSIONAL ENGINEER FOR TREATMENT STORAGE AND/OR DISPOSAL FACILITY

This is to certify that I have personally reviewed all engineering information contained in the accompanying modules, drawings, specifications, and other documents which are part of this application and that I have found it to be of good engineering quality, true and correct, and is in conformance with the requirements of the Department of Environmental Resources, and it does not, to the best of my knowledge, withhold information that is pertinent to a determination of compliance with the requirements of the Department.

NOTICE: It is an offense under Pennsylvania Crimes Code to affirm a false statement in documents submitted to the Department.

Name Joseph F. Longo, P.E.

Signature Joseph F. Longo

Date December 22, 1981

Address 1301 Fairview Road

Clarks Summit, PA 18411

Phone No. 717/587-1535

SEAL OF PA REGISTERED PROFESSIONAL ENGINEER

ATTACHMENTS FOR SECTION II WASTE DESCRIPTION

Section II Item B Chemical Analyses

Laboratory analyses were performed by the following companies:

Artesian Water Company Laboratories
Newark, Delaware

Brandt Laboratories
Martins Creek, Pennsylvania

Du Pont's Engineering Test Center
Newark, Delaware

Richardson Associates
Dover, Delaware

Du Pont's Engineering Test Center prepared all the samples according to "Instructions for Completing Module 1" and sent them to the above laboratories for the analyses.

Table 1 and the table in Section II. B. 2. provide more detail on which laboratory performed each analysis.

II. B. 1. Total Analysis of the Waste

Paragraphs a, b, c, d, e, f, g, h, l, m, and n are excluded from the analysis of the waste in accordance with the agreement reached between Du Pont and DER at a meeting in Harrisburg on July 14, 1981. These excluded paragraphs are not applicable to the waste described in this application. We have included information on paragraph k, even though not required by the July 14, 1981 agreements.

The film samples used for all analyses were a weighted composite based on the relative amounts of film waste generated in 1980.

II. B. 1. i. Total Metals

Brandt Laboratories of Martins Creek, PA, performed the metal analyses using techniques and methods described in the "Instructions for Completing Module I". Metals present in the typical film waste composite were found by that laboratory to include: arsenic, barium, cadmium, chromium, lead, mercury, nickel, selenium, silver, copper, molybdenum, and zinc. Du Pont carefully reviewed the chemical formulations of all raw materials used to make the films and found that, of the metals listed on II. B. 1. i., only silver, zinc and copper are present in those raw materials. Du Pont believes that the traces of arsenic, barium, cadmium, chromium, lead, mercury, nickel, selenium, and molybdenum are not present in the film waste, but were introduced as contaminants in the chemical analysis procedure.

Table 1 shows data received from Brandt Laboratories on the metal analyses.

TABLE 1

CHEMICAL ANALYSIS OF COMPOSITE FILM WASTE

Metal	Concentration (mg/kg)	Detection Limit of Instrument (mg/kg)
Arsenic	28.8	2.0
Barium	10	<0.5
Cadmium	4.8	<0.2
Chromium	12.9	<0.2
Lead	<2.0	<2.0
Mercury	0.233	0.002
Nickel	77.9	0.5
Selenium	7.0	2.0
Silver	4.7	0.2
Copper	5.0	<0.2
Molybdenum	<2.0	<2.0
Zinc	12.8	0.2

Analyses performed by Brandt Laboratories, Martins Creek, PA

II. B. 1. j. Organics

Towanda film waste consists of the following organic materials:

1. Approximately 60 weight percent of the total composite film waste consists of polyester and polyolefin film.

2. About 28 to 40 weight percent of the film is composed of monomers, consisting of acrylic esters derived from reaction of acrylic acid or methacrylic acid with aliphatic polyhydroxy alcohols containing 5 or more carbon atoms; and polymers, consisting of acrylic esters, methacrylic esters or styrene copolymerized with alkyl esters of acrylic acid, methacrylic acid or maleic acid.

3. About 4 to 6 weight percent of the film is composed of organics, consisting of substituted imidazoles or benzophenones; and plasticizers, consisting of alkyl substituted benzenesulfonamides and polyalkylene glycol diacetates, and triphenylmethane dyes.

Du Pont is confident that the above list of organic film ingredients is accurate and meets the intent of Section II. B. 1. j.

II. B. 1. k. Heating Value

The approximate heating value of the polyester film is 8,000 to 9,000 BTU per pound and the approximate value for polyolefin is 18,000 to 20,000 BTU per pound.

II. B. 2. Leaching Tests (5)

The leachate for this analysis was extracted from film samples which were a composite based on the waste generated in 1980. The results, using the ASTM Method A Leaching Procedure and the EPA Leaching Procedure are as follows:

II. B. 2.	Result (mg/l) ASTM Method A	Result (mg/l) EPA Method	Analysis by*
a. pH	5.4 (pH units)	4.0 (pH units)	D
c. Nitrogen, ammonia	< 0.1	< 0.1	D
d. Phenolics	0.08	0.08	B
e. Cyanide	0.3	1.0	B
f. Metals (1),(2)			
Antimony	< 0.01	< 0.01	A
Arsenic	< 0.01	< 0.01	A
Barium	< 1.0	< 1.0	A
Cadmium	< 0.1	< 0.1	A
Chromium (total)	0.3	0.2	A
Copper	0.4	0.3	A
Lead	< 0.1	< 0.1	A
Mercury	0.01	0.12	A
Molybdenum	< 0.02	< 0.2	B
Nickel	< 0.1	< 0.1	A
Selenium	< 0.01	< 0.01	A
Silver	< 0.1	< 0.1	A
Zinc	2.0	1.8	A

*A= Artesian Water Co.

B= Brandt Laboratories

D= DuPont

R= Richardson Associates

II. B. 2.	Result (mg/l) ASTM Method A	Result (mg/l) EPA Method	Analysis by*
g. Organics(2),(3),(4)			
Acetone	5.5	8.2	R
p-Cresol	< 20	< 20	D
Dioctylphthalate	63.3	200	R
Methylene Chloride	< 0.1	< 10	R,D
Methanol	< 0.1	5.4	R
Ethyl Cellosolve®	< 10	< 10	D
h. Total organic halogen	0.728	0.800	D
i. COD	3346	2568	D
j. TOC	1443	1095	D
k. Total volatile residue	928	312	D

*A = Artesian Water Co.
B = Brandt Laboratories
D = Du Pont
R = Richardson Associates

Notes concerning Table II. B. 2.:

1. The only metals present in the chemical formulations of films subjected to the leachate tests are antimony, copper, silver, and zinc.

2. Raw materials used to make the films were reviewed for carcinogenic properties. None of the carcinogens listed by Du Pont or the U. S. Government appeared in the formulations of the raw materials.

3. Other than the chemicals listed in paragraph g, the film waste contains no organic chemicals which are on the EPA and DER hazardous waste lists.

4. The chemicals listed in paragraph g include all film waste organics with a known LD_{50} (oral rat) of less than 50 mg/kg, the toxicity limit according to DER regulation 75.261 (f)(2)(i).

5. Sections b. and l. of the above leachate tests were not performed in accordance with the agreement between Du Pont and DER on July 14, 1981. These excluded paragraphs are not applicable to the leachate described in this application.

II. B. 3. Description of the Sampling Method

The sampling method described in Appendix I of 75.261 is not applicable to the film waste. Half-pound samples of each film were obtained from production materials and prescribed amounts of composite film samples were subjected to the leachate test procedures.

II. B. 4. Range of Concentrations of the Constituents

Refer to section II. B. 1. and II. B. 2.

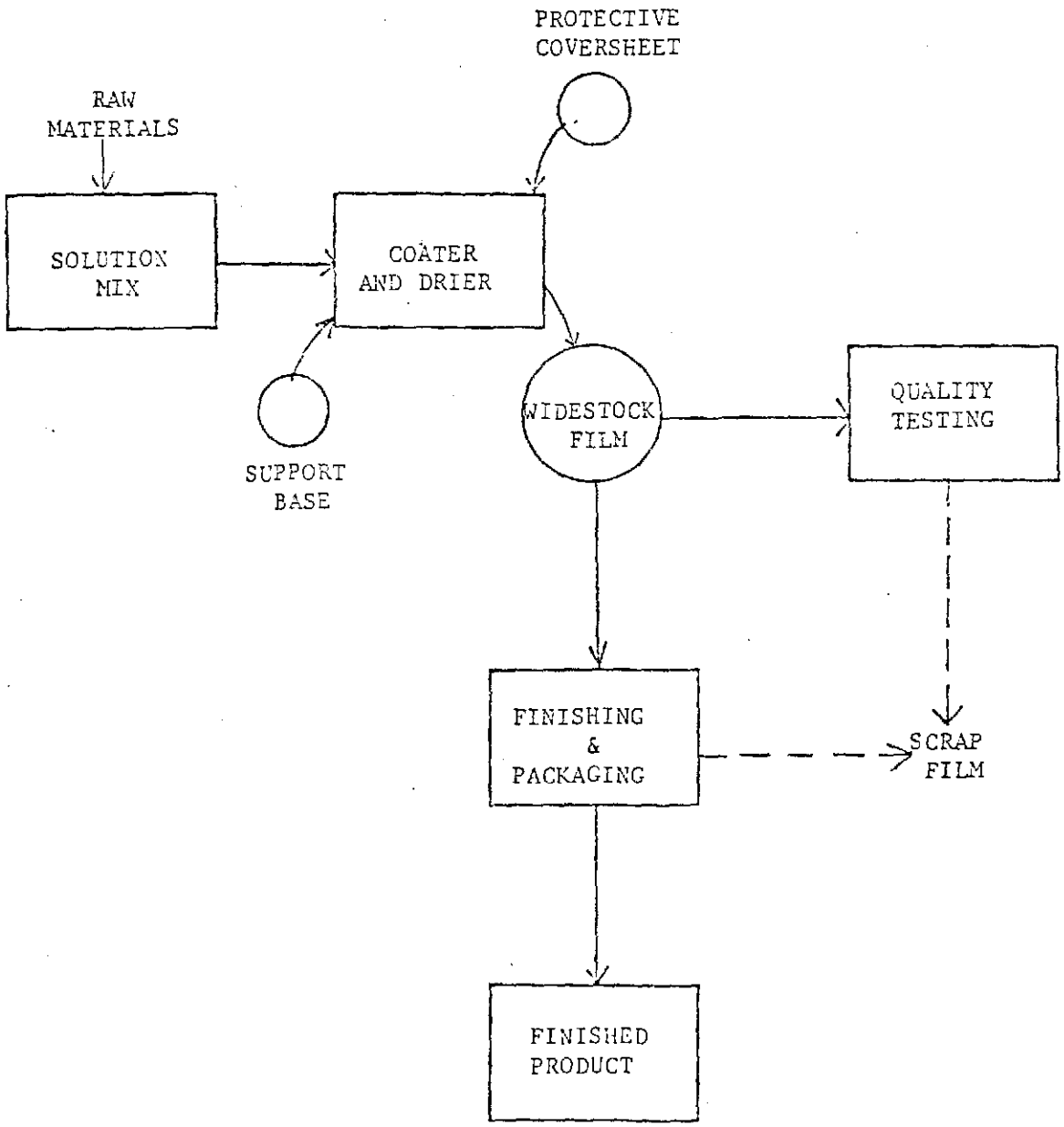
Sec. II C. 2

Products manufactured at Towanda consist of a "sandwich" of chemical formulations between two plastic sheets, or a chemical formulation on a sheet. They are commonly known as "films". Coated product is wound into large rolls which are further processed. Waste film is generated from (1) establishing conditions on production equipment to make acceptable product; (2) small roll samples taken for laboratory tests; (3) poor quality product in the form of rolls, from a few hundreds to several thousand feet; (4) cutting large rolls to make small rolls to meet customer requirements (the "finishing" operation); and (5) product returned by customers for evaluation. Finishing operations include packaging the products for shipment.

About 60% of the 2-sheet film weight is due to the plastic sheets, and about 40% of the weight is due to the chemical formulation between the sheets. About 70-85% of the chemical formulation in most films is composed of copolymers of acrylate or methacrylate esters, synthetic rubbers, various acrylate esters, styrene copolymers and high molecular weight alcohols. The remaining 15-30% is composed of substituted sulfonamides and imidazoles, dyes, cyclic ketones, pigments and colorants, selected wavelength absorbers, and other minor ingredients.

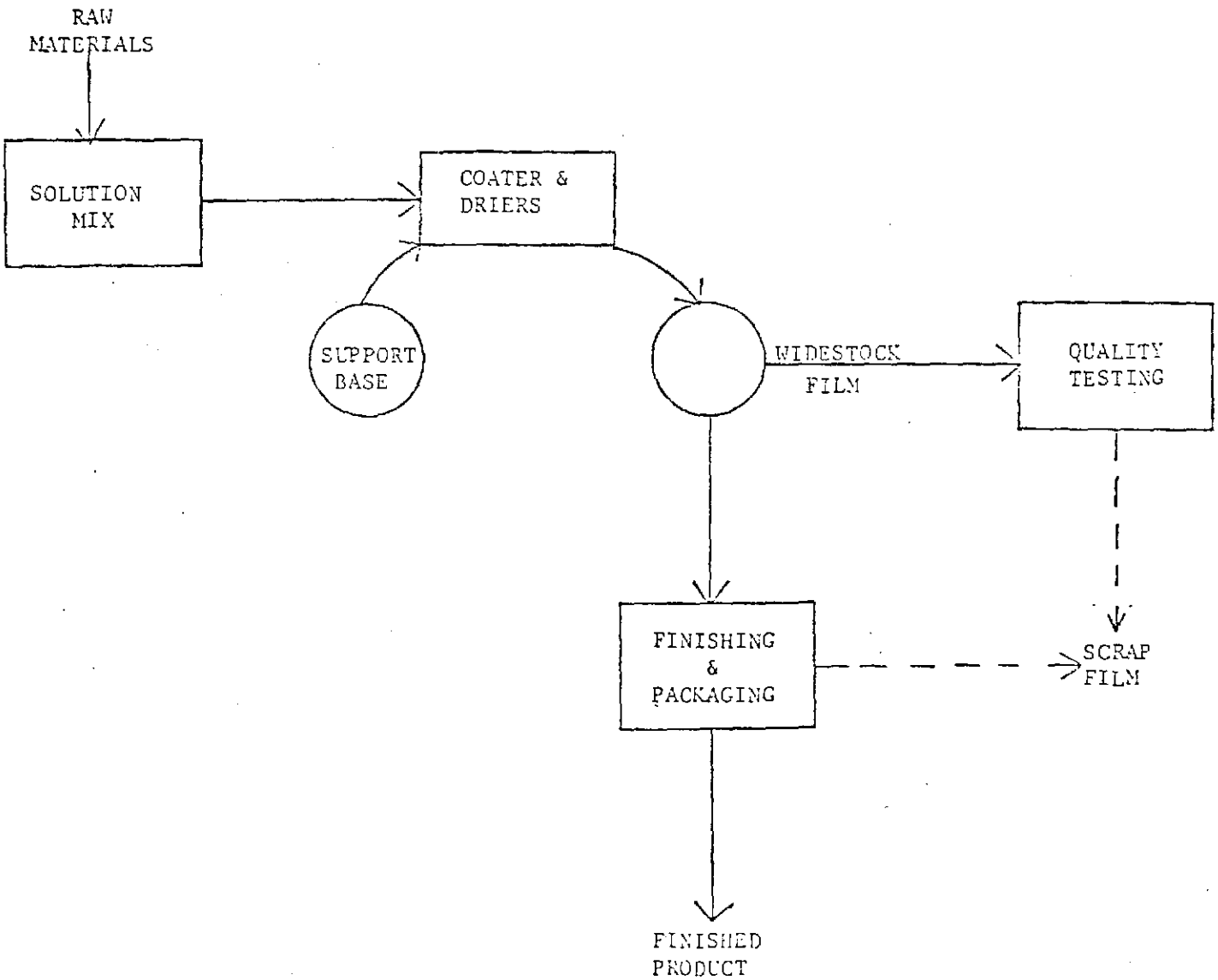
SEC. II. C.3

FLOW SCHEMATIC FOR MANUFACTURE OF "SANDWICH" FILMS



SEC. II. C. 3

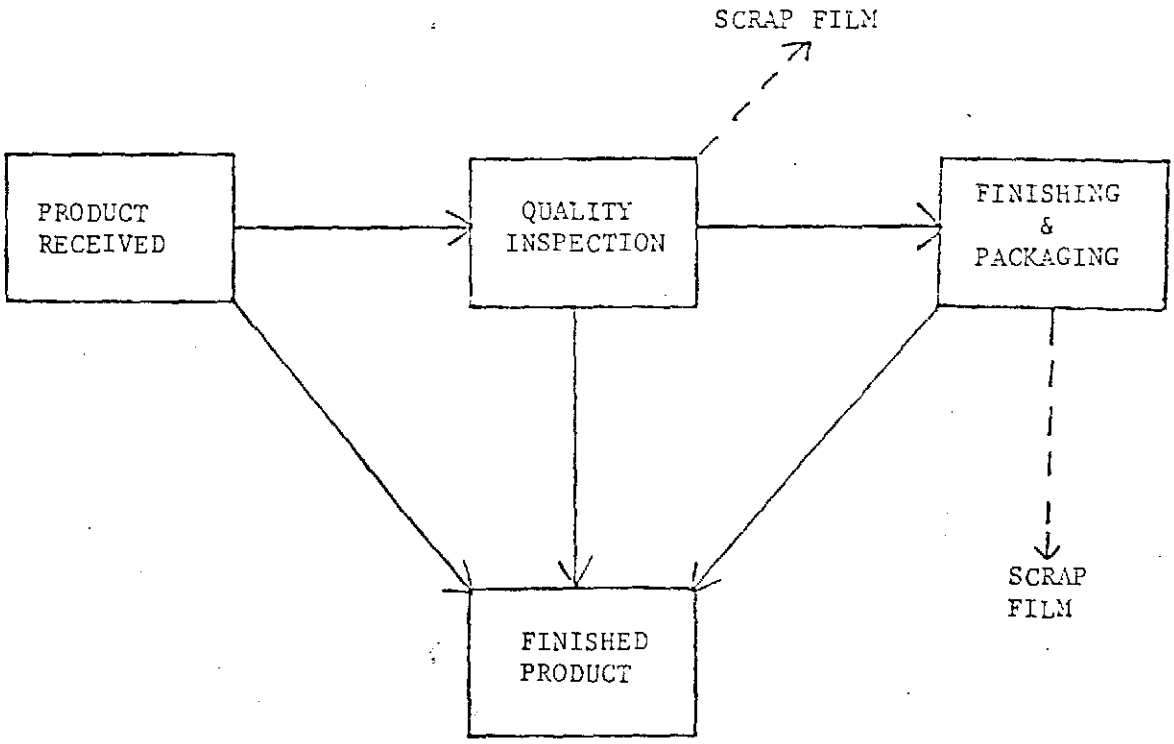
FLOW SCHEMATIC FOR MANUFACTURE OF "NON-SANDWICH" FILMS



SEC. II. C. 3

FLOW SCHEMATIC FOR FILMS NOT MANUFACTURED

AT TOWANDA, BUT PROCESSED AT TOWANDA



MATERIAL SAFETY DATA SHEET

EASTMAN KODAK COMPANY
343 State Street
Rochester, New York 14650

For Emergency Health, Safety, and Environmental Information, call (716) 722-5151
For all other purposes, call the Marketing and Distribution Center in your area.

Date of Preparation: 3/2/84 Approved by U.S. Department of Labor

SECTION I. IDENTIFICATION

- Product Name: Thiourea
- Size(s): 250 g, 500 g, 1 kg, 3 kg, bulk
- Synonym(s): Thiocarbamide
- Formula: CH_4N_2S
- Kodak Laboratory Chemicals Catalog Number(s): 497, P497
- Kodak Accession Number: 900497

SECTION II. PRODUCT AND COMPONENT HAZARD DATA

A.

COMPONENT(S):	Weight Percent	TLV®	Kodak Accession No.	CAS Reg. No.
Thiourea	∿ 100	---	900497	62-56-6

B. PRECAUTIONARY LABEL STATEMENT(S):

WARNING!
CAN CAUSE ALLERGIC SKIN REACTION
HARMFUL IF INHALED
Wash thoroughly after handling.
Avoid prolonged or repeated contact with skin.
Avoid breathing dust.
First Aid: In case of contact, immediately wash skin with soap and plenty of water. If inhaled, remove to fresh air.

SECTION III. PHYSICAL DATA

- Appearance and Odor: White crystals; odorless
- Melting with Decomposition: 180 °C (356 °F)
- Vapor Pressure: Negligible
- Evaporation Rate (n-butyl acetate = 1): Negligible
- Vapor Density (Air = 1): Not Applicable
- Volatile Fraction by Weight: Negligible
- Specific Gravity (H_2O = 1): 1.41
- Solubility in Water (by Weight): Moderate
- Heat of Combustion: -3.61 kcal/g (*)
- Heat of Decomposition: -0.16 kcal/g (*)

* Calculated by ASTM Program CHETAH.

E. I. du Pont de Nemours & Co. (Inc.)
Towanda Plant

CHEMICAL
SHEET NO. _____

REQUEST FOR DIAMOND LABEL CLASSIFICATION

DATE: 8/25/87

Name of Material (and Synonyms) SULFAMIC ACID

SYNONYMS - See MSDS Sheet

Manufacturer J. T. Baker Chemical Co. Phone _____

Manufacturer's Address 222 Red School Lane, Phillipsburg N.J. 08865

Product or Use Used To Make Versa CLEAN 400

Solid X
Liquid _____
Gas _____

Description of Material Orthorhombic Crystals Color White

Submitted by: R.E. Montague

Area Where Used Sundries

CHEM.HAZ.COMM.USE ONLY

MSDS NO. _____
CAS NO. _____

HI-RISE STORAGE
( ) YES ( ) 1ST FLOOR
( ) NO ( ) OTHER

( ) NEW
( ) UP-DATE
( ) RECLASSIFIED

Chemical Composition _____

Flash Point _____ °F by: COC ( ) TCC ( ) P-M ( ) MSDS REQUESTED _____ Date

Hazards (List References) : _____

Storage _____

Classification: F ____ H ____ S ____ P ____ Date _____

Classified by _____ Member _____

Chairman _____ Member _____

Member _____ Member _____

9/26/78
REV. 5/28/86
VJS9.TXT/MMA

SECTION VII - SPILL AND DISPOSAL PROCEDURES

Steps to be taken in the event of a spill or discharge

Wear self-contained breathing apparatus and full protective clothing. With clean shovel, carefully place material into clean, dry container and cover; remove from area. Flush spill area with water.

J. T. Baker Neutrasorb® or Neutrasol® "Low Na+" acid neutralizers are recommended for spills of solutions of this product.

Disposal Procedure

Dispose in accordance with all applicable federal, state, and local environmental regulations.

EPA Hazardous Waste Number: D002 (Corrosive Waste)

SECTION VIII - INDUSTRIAL PROTECTIVE EQUIPMENT

Ventilation:	Use adequate general or local exhaust ventilation to keep fume or dust levels as low as possible.
Respiratory Protection:	None required where adequate ventilation conditions exist. If airborne concentration is high, a dust/mist respirator is recommended. If concentration exceeds capacity of respirator, a self-contained breathing apparatus is advised.
Eye/Skin Protection:	Safety goggles, uniform, apron, rubber gloves are recommended.

SECTION IX - STORAGE AND HANDLING PRECAUTIONS

SAF-T-DATA™ Storage Color Code: White

Special Precautions

Keep container tightly closed. Store in corrosion-proof area.

SECTION X - TRANSPORTATION DATA AND ADDITIONAL INFORMATION

DOMESTIC (D.O.T.)

Proper Shipping Name	Corrosive solid, n.o.s. (Sulfamic Acid)
Hazard Class	Corrosive material (solid)
UN/NA	UN1759
Labels	CORROSIVE

INTERNATIONAL (I.M.O.)

Proper Shipping Name	Sulphamic acid
Hazard Class	8

Continued on Page: 4

SECTION X - TRANSPORTATION DATA AND ADDITIONAL INFORMATION (Continued)

N/NA	UN2967
abels	CORROSIVE

N/A = Not Applicable or Not Available

--

he information published in this Material Safety Data Sheet has been compiled rom our experience and data presented in various technical publications. It is he user's responsibility to determine the suitability of this information for he adoption of necessary safety precautions. We reserve the right to revise aterial Safety Data Sheets periodically as new information becomes available.

Distributed by:
HAWKINS CHEMICAL, INC.
3100 East Hennepin Avenue
Minneapolis, Minn. 55413
Phone #331-6910

-- LAST PAGE --

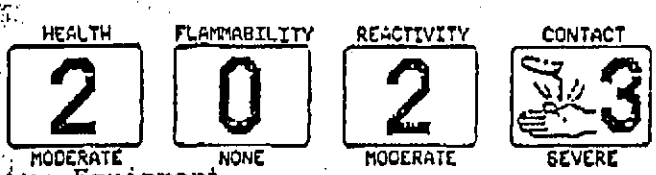
S7586 -01 Sulfamic Acid Page:
Effective: 11/05/85 Issued: 11/05/8

SECTION I - PRODUCT IDENTIFICATION

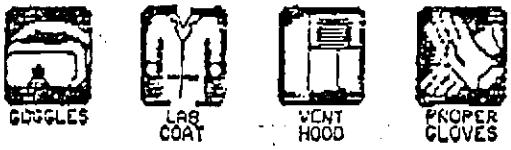
Product Name: Sulfamic Acid
Formula: NH_2SO_3H
Formula Wt: 97.09
CAS No.: 05329-14-6
NIOSH/RTECS No.: WO5950000
Common Synonyms: Amidosulfonic Acid; Amidosulfuric Acid; Sulfamidic Acid; Sulphamic Acid
Product Codes: 4975,U145,4898,U147

PRECAUTIONARY LABELLING

BAKER SAF-T-DATA™ System



Laboratory Protective Equipment



Precautionary Label Statements

DANGER!
CAUSES BURNS

Do not get in eyes, on skin, on clothing.
Avoid breathing dust. Keep in tightly closed container. Use with adequate ventilation. Wash thoroughly after handling.

SECTION II - HAZARDOUS COMPONENTS

Component	%	CAS No.
Sulfamic Acid	90-100	5329-14-6

SECTION III - PHYSICAL DATA

Boiling Point: N/A
Vapor Pressure(mmHg): N/A
Melting Point: 205°C (401°F)
Vapor Density(air=1): 3.3

Continued on Page: 2

SECTION III - PHYSICAL DATA (Continued)

ecific Gravity: 2.12 (H_2O=1) Evaporation Rate: N/A (Butyl Acetate=1)

lubility(H_2O): Appreciable (more than 10 %) % Volatiles by Volume: 0

pearance & Odor: White, orthorhombic crystals.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

ash Point: N/A

re Extinguishing Media
Use extinguishing media appropriate for surrounding fire.

ecial Fire-Fighting Procedures
Firefighters should wear proper protective equipment and self-contained (positive pressure if available) breathing apparatus with full facepiece.
Move exposed containers from fire area if it can be done without risk.
Use water to keep fire-exposed containers cool.

sual Fire & Explosion Hazards
Closed containers exposed to heat may explode.

ic Gases Produced
ammonia, sulfur dioxide

SECTION V - HEALTH HAZARD DATA

fects of Overexposure
Contact with skin or eyes may cause severe irritation or burns.
Dust may ulcerate mucous membranes.

rgency and First Aid Procedures
In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Wash clothing before re-use.

SECTION VI - REACTIVITY DATA

bility: Stable Hazardous Polymerization: Will not occur

ompatibles: chlorine

omposition Products: ammonia, oxides of sulfur

Continued on Page: 3

E. I. du Pont de Nemours & Co. (Inc.)
Towanda Plant

CHEMICAL SHEET NO. 507

REQUEST FOR DIAMOND LABEL CLASSIFICATION

DATE: 8/25/87.

Name of Material (and Synonyms) Caustic (50% Sodium Hydroxide Soda Lye, Lye Solution.

Manufacturer Thompson-Hayward Chemical Co. Phone _____

Manufacturer's Address Kansas City, Kansas.

Product or Use Ingredient in Versa Clean 410

Solid _____
Liquid X
Gas _____

Description of Material Clear Liquid Color Clear

Submitted by: T.E. Montague Area Where Used Sundries

CHEM.HAZ.COMM.USE ONLY

MSDS NO. _____
CAS NO. _____

HI-RISE STORAGE
( ) YES ( ) NO ( ) 1ST FLOOR ( ) OTHER

( ) NEW
( ) UP-DATE
( ) RECLASSIFIED

Chemical Composition _____

Flash Point _____ °F by: COC ( ) TCC ( ) P-M ( ) MSDS REQUESTED _____ Date

Hazards (List References) : _____

Storage _____

Classification: F ____ H ____ S ____ P ____ Date _____

Classified by _____ Member _____

Chairman _____ Member _____

Member _____ Member _____

9/26/78
REV. 5/28/86
VJS9.TXT/MMA

THOMPSON-HAYWARD CHEMICAL COMPANY
KANSAS CITY, KANSAS

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: CAUSTIC SODA LIQ 50% RAY 55GAL DATE: 11/15/85 PAGE 01
PRODUCT CODE: 26-08027-00

CAS # 001310-73-2

FORMULA: NaOH

CHEMICAL FAMILY: Alkali

CHEMICAL NAME AND SYNONYMS: Sodium Hydroxide, Lye Solution, Soda Lye

SUPPLIERS NAME: Thompson-Hayward Chemical Company
5200 Speaker Rd
Kansas City Ks 66106
SUPPLIERS PHONE NUMBER: 913-321-3131
TRANSPROTATION EMERGENCY PHONE NUMBER: 1-800-424-9300

SECTION I Hazardous Ingredients

Ingredient	Percent	TLV
SODIUM HYDROXIDE	50%	TWA 2 mg/m(3) ceiling ACGIH '84/'85 Ref. (1) Section IX

SECTION II Health Hazards

Threshold Limit Value: TWA 2 mg/m(3) (Ceiling) ACGIH '84/'85

Effects of Overexposure:

Eyes: Caustic soda is destructive to eye tissues on contact. Will cause severe burns that result in damage to the eyes and even blindness.

Skin: Caustic soda is destructive to tissues contacted, producing severe burns and temporary loss of hair. Chronic overexposure may consist of multiple areas of superficial destruction of the skin or dermatitis.

Inhalation: Airborne concentrations of dust, mist, or spray of caustic soda may cause damage to the upper respiratory tract and even to the lung tissue proper which could produce chemical pneumonia, depending upon severity of exposure. Chronic overexposure to spray or mist may result in irritation or tissue damage.

Ingestion: Caustic soda can cause severe burns and complete tissue perforation of mucous membranes of the mouth, throat, esophagus, and stomach if swallowed.

First aid:

Eyes: Immediately flush eyes with large quantities of water, periodically lifting upper and lower lids to ensure washing of entire surface. Washing eyes within one minute is essential to achieve maximum effectiveness. Seek medical attention immediately. Contact lenses should not be worn when working with this chemical.

CONTINUED ON PAGE 02

MATERIAL SAFETY DATA SHEET

SECTION II Health Hazards CONTINUED

Skin: Immediately wash contaminated skin with plenty of water. If wearing goggles flush head and face thoroughly before removing goggles. Remove contaminated clothing under the shower. This washing may be followed with a rinse of vinegar or dilute acetic acid (3% solution) if available. Remove contaminated clothing and footwear and wash clothing before re-use. Discard footwear which cannot be decontaminated. Seek medical attention immediately.

Inhalation: Get person out of contaminated area to fresh air. If breathing has stopped, artificial respiration should be started. Oxygen may be administered, if readily available. Seek medical attention immediately.

Ingestion: If swallowed, DO NOT induce vomiting. Give large quantities of water. If available, give several glasses of milk. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Seek medical attention immediately.

Other Information: Section IX Ref. (2) gives biologic effects of caustic exposure, dermal on rabbits and human subjects and by inhalation by rats.

Rabbit, oral LDL(O) - 500 mg/kg

SECTION III Special Protection Information

Respiratory Protection: Up to 100 mg/m(3) use high-efficiency particulate respirator with full facepiece, a supplied air respirator with full facepiece, helmet or hood, or SCBA with full facepiece. Consult Ref. (3) Section IX for protection with higher concentration exposure, and further details.

Ventilation Required: Provide ventilation adequate to maintain airborne concentrations below OSHA limits of 2 mg/m(3). Local exhaust ventilation preferred where dilutions or reactions cause misting, or solid caustic soda ground up and dust generated. Air concentration of carbon monoxide formed by reaction of caustic soda and reducing sugars should not exceed 50 ppm for an 8 hr TWA. Ventilation equipment should be corrosion-resistant, and, if hydrogen may be generated, explosion-proof.

Protective Clothing:

Eyes: Chemical splash goggles and face shield should be worn whenever exposure possible. Have eye baths immediately available where eye contact can occur.

Skin: Gloves coated with rubber, PVC, or other plastic required, also hard hats, safety shoes, and rubber boots, along with rubber apron when handling caustic soda. Provide a safety shower at any location where skin contact can occur. Sleeves should be worn over gloves and trouser cuffs over rubber boots to avoid skin contact. Caustic soda attacks wool.

Additional Protective Measures: Neutralization supplies, (3% acetic acid preferably) and abundant running water should be close at hand in working and storage areas.

CONTINUED ON PAGE 03

MATERIAL SAFETY DATA SHEET

SECTION IV Fire & Explosion Hazard Data

Flash Point (Method): None

Flammable Limits (% Volume in Air):

Upper: Non-Flammable

Lower: Non-Flammable

Extinguishing Media: Use carbon dioxide, "alcohol" foam or dry chemicals where caustic soda is used or stored.

Special Fire Fighting Procedures: Pressure-demand self-contained respiratory protection and protective clothing should be worn by firefighters. Thoroughly decontaminate equipment after use.

Unusual Fire and Explosion Hazards: Highly flammable hydrogen is formed by reaction of concentrated caustic soda with aluminum, tin, zinc, and alloys which contain these metals. See Section IX in regard to violent reaction when water added to concentrated caustic soda.

SECTION V Physical Data

Boiling Point: 289 deg. F

Specific Gravity (H(2)O=1): 1.54 @ 15.6 deg. C

Vapor Pressure (MM HG.): 13 @ 60 deg. C

Vapor Density (AIR=1): N/A

Evaporation Rate (Butyl Acetate=1): N/A

Solubility in Water: Complete

Percent Volatile by Volume: Not volatile

pH: 1% aqueous solution - approx. 13
Freezing Point: 55 deg. F

Appearance and Odor: Clear liquid, no odor.

SECTION VI Reactivity Data

Stability: Stable in normal use, in a sealed container.

Incompatibility: With strong acids, without dilution or agitation, will produce a violent or explosive reaction. Will react with leather and wool, also aluminum, zinc, tin, and alloys containing these metals, nitrocarbons and halocarbons (Trichlorethylene will react to form spontaneously flammable dichloroacetylene).

Hazardous Decomposition Products: Caustic soda reacts with reducing

CONTINUED ON PAGE 04

MATERIAL SAFETY DATA SHEET

SECTION VI Reactivity Data CONTINUED

sugars (e.g. in food soils when used in cleaning compounds) to form hazardous carbon monoxide. Before entering closed or semi-closed areas, after cleaning, test and monitor space for carbon monoxide.

Hazardous Polymerization: Will not occur.

SECTION VII Spill and Leak Procedures

Steps to be taken if material is released or spilled: Clean-up workers must use protective clothing and equipment to prevent body contact. Running water should be available for emergency use. Preferred clean-up procedure - dam up spill, cover with sand or inert porous material, transfer into caustic-resistant containers (labelled "Corrosive"). Avoid flushing chemical into public sewer or water systems. Flush clean-up area with water. Dilute acid, preferably acetic acid may be used to neutralize final traces of caustic (observe appropriate safety precautions for handling acid solutions). Small spills may be neutralized with dilute acidic solution (dilute-acetic or 6 molar hydrochloric acid) before flushing away. For large spills pick up spill with vacuum equipment (alkali resistant) for disposal, or flush to holding area with water, prior to neutralization. Notify local health and pollution control officials if flushed spillage unavoidably enters public sewers or other water systems. If spill occurs into navigable water notify U.S. Coast Guard.

Waste Disposal Method: If not diluted and neutralized, this product can become a hazardous waste as designated by the Environmental Protection Agency under authority of the Resource Conservation and Recovery Act (RCRA). The waste would have RCRA Hazardous Waste number D002 (Corrosive) as designated in 40 CFR 261.22. Federal, state and local regulations should be followed in disposing of this substance.

SECTION VIII D.O.T. Shipping Information

Proper Shipping Name:	SODIUM HYDROXIDE LIQUID OR SOLUTION
Hazard Class:	CORROSIVE MATERIAL
ID Number:	UN1824
Label Requirements:	CORROSIVE
Other Information:	

SECTION IX Additional Information

This information may be of importance to you:

FURTHER PRECAUTIONARY MEASURES:
Keep container closed. Avoid contact with strong acids to prevent violent or explosive reactions. Do not allow water to

CONTINUED ON PAGE 05

MATERIAL SAFETY DATA SHEET

SECTION IX Additional Information CONTINUED

get into container because of violent reaction with concentrated caustic soda.

When diluting, add Caustic Soda slowly with agitation to surface of solution to avoid violent splattering, boiling and eruption. Water should always be lukewarm (80-100 deg. F), never start with hot or cold water.

Emptied container retains vapor and product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.

Minimize skin contact. Wash with soap and water before eating, drinking, smoking or using toilet facilities.

References:

(1) TLV's Threshold Limit Values for chemical substances in the work environment adopted by ACGIH '84/'85.

(2) Patty's Industrial Hygiene and Toxicology, 3rd Edition, p. 3062.

(3) NIOSH/OSHA Pocket Guide to Chemical Hazards DHEW(NIOSH) Publication No. 78-210.

NPCAHMIS 301H

********* E N D O F R E P O R T *********

NAME: EDWARD E. CHAPMAN DATE ISSUED: 10/25/1985
DATE REVISED:

< = LESS THAN
> = MORE THAN
N/A = NOT APPLICABLE
N/D = NOT DETERMINED
N/E = NOT ESTABLISHED
UNK = UNKNOWN

The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. Thompson-Hayward Chemical Co. provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein. This information is offered for your information, consideration and investigation. You should satisfy yourself that you have all current data relevant to your particular use.

E. I. du Pont de Nemours & Co. (Inc.)
Towanda Plant

CHEMICAL
SHEET NO. _____

REQUEST FOR DIAMOND LABEL CLASSIFICATION

DATE: 8/25/87

Name of Material (and Synonyms) GLUCONIC AC10 50% Technical

Manufacturer PMP Fermentation Products Inc. Phone (414) 352-3001

Manufacturer's Address 7670 N. Port Washington Rd. Milwaukee Wisc. 53217

Product or Use Ingredient in Versaclean 410

Solid _____
Liquid X
Gas _____

Description of Material Light Colored Liquid

Color Light

Submitted by: T.E. Montague

Area Where Used Sundries

CHEM.HAZ.COMM.USE ONLY

MSDS NO. _____
CAS NO. _____

HI-RISE STORAGE
( ) YES ( ) 1ST FLOOR
( ) NO ( ) OTHER

( ) NEW
( ) UP-DATE
( ) RECLASSIFIED

Chemical Composition _____

Flash Point _____°F by: COC ( ) TCC ( ) P-M ( ) MSDS REQUESTED _____ Date

Hazards (List References) : _____

Storage _____

Classification: F ____ H ____ S ____ P ____ Date _____

Classified by _____ Member _____

Chairman _____ Member _____

Member _____ Member _____

9/26/78
REV. 5/28/86
VJS9.TXT/MMA

PMP FERMENTATION PRODUCTS, INC.

7670 N. Port Washington Road • Milwaukee, Wisconsin 53217
Telephone (414) 352-3001 • Telex 240446
For placing orders, call toll free (800) 558-1031

MATERIAL SAFETY DATA SHEET

Date: July 10, 1986

PRODUCT NAME: Gluconic Acid, 50%, Technical

Formula: $C_6H_{12}O_7$ + 50% Water

Chemical Type: Gluconic Acid, Solution in water.

CAS No: 526-95-4

HAZARDOUS INGREDIENTS	TLV	CARCINOGEN
Gluconic Acid	n/a	no

CHEMICAL AND PHYSICAL PROPERTIES

Appearance: Light colored liquid
Odor: slight acetous
pH: 1.2 - 1.3
Water Solubility: Complete
Viscosity, Cp @ 25°C.: n/a

Boiling Pt.: >212°F.
Melting Point: 60°F. (xtalizes)
Spec. Gravity(H_2O=1): 1.24
Vapor Pressure(mm Hg): n/a

FIRE AND EXPLOSION HAZARDS

Flash Point(Method): none Explosion Limits: Upper n/a Lower n/a

Extinguishing Media: n/a (water solution)

Special Firefighting Procedures and Hazards: Avoid skin and eye contact.

REACTIVITY INFORMATION

Stable: X Unstable: _____ Precautions: _____
Incompatibility: none
Hazardous Decomposition Products: n/a
Hazardous Polymerization Occurs: _____ Does Not Occur: X

HEALTH HAZARDS - PROTECTIVE MEASURES - FIRST AID

Inhalation: Breathing of mist or liquid can cause respiratory irritation and burns.
Wear approved vapor/mist respirator if exposure is likely.
Remove to fresh air. Get medical attention.

Skin: Can cause irritation and skin burns.
Wear protective gloves, boots, and clothing. Provide convenient safety showers.
Remove contaminated clothing. Wash thoroughly with soap and water. Get medical attention if burns persist.

Eyes: Causes eye damage.
Wear splash proof goggles. Provide convenient eyewash stations
Flush immediately with water or physiological saline for 15 minutes. Get prompt medical attention.

Ingestion: Can cause irritation and burning in throat.
Avoid swallowing. Wear face shield.
Drink lots of water. Get medical attention if effects persist.

Most likely routes of entry: Skin, Eyes.

Other Important Medical or Precautionary Information: None

PRECAUTIONS FOR SAFE HANDLING AND USE

Spills and Leaks: Small spills can be flushed into normal drainage or into ground with copious amounts of water, or taken up with absorbent material. Larger spills should be contained by diking or otherwise and held for collection and disposal. Do not allow contact with skin or eyes. Spills tend to be tacky and slippery

Storage and Handling: Use corrosion-resistant acid containers. Store at temperatures above 60°F. to prevent crystallization.

Waste Disposal: In accordance with applicable regulations for liquid wastes. Is a hazardous waste under current RCRA criteria.

Empty Containers: Rinse well before handling.

Other Precautions: Product is tacky and slippery on floors.

The information herein has been compiled from sources believed to be reliable and is accurate to the best of our knowledge. However PMP Fermentation Products Co. cannot give any guarantees regarding information from other sources, and expressly does not make any warranties, nor assumes any liability, for its use.

E. I. du Pont de Nemours & Co. (Inc.)
Towanda Plant

CHEMICAL
SHEET NO. _____

REQUEST FOR DIAMOND LABEL CLASSIFICATION

DATE: 8/25/87.

Name of Material (and Synonyms) PE-362 (PHOSPHATE ESTER)

Manufacturer ECOLAB Phone _____

Manufacturer's Address 370 WABASHA AVE. ST. PAUL MINN. 55102.

Product or Use USED TO MANUFACTURE VERSA CLEAN 410

Solid _____
Liquid X
Gas _____

Description of Material Liquid Color White to TAN

Submitted by: T.E. Montague

Area Where Used Hendricks

CHEM.HAZ.COMM.USE ONLY

MSDS NO. _____
CAS NO. _____

HI-RISE STORAGE
( ) YES ( ) 1ST FLOOR
( ) NO ( ) OTHER

( ) NEW
( ) UP-DATE
( ) RECLASSIFIED

Chemical Composition _____

Flash Point _____ °F by: COC ( ) TCC ( ) P-M ( ) MSDS REQUESTED _____ Date

Hazards (List References) : _____

Storage _____

Classification: F ____ H ____ S ____ P ____ Date _____

Classified by _____ Member _____

Chairman _____ Member _____

Member _____ Member _____

9/26/78
REV. 5/28/86
VJS9.TXT/MMA

MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-328-0026

Ecolab Inc.
St. Paul MN 55102

Product Information: 1-612-293-2233
Date of Issue: March 5, 1987

1.0 IDENTIFICATION /

1.1 Product Name: (EL 175083) PE-362
1.2 Product Type: (CAS# 68909-65-9) Phosphate ester

2.0 HAZARDOUS COMPONENTS /

		%	TWA (mg/m3) PEL	Other
2.1 Phosphoric acid	7664-38-2	10	1 STEL = 3	1

3.0 PHYSICAL DATA /

3.1 Appearance and Odor: White to tan liquid
3.2 Solubility in Water: Appreciable
3.3 pH: (1%) 1.7-2.5
3.4 Boiling Point: Unk Specific Gravity: Unk

4.0 FIRE AND EXPLOSION DATA /

4.1 Special Fire Hazards: None
4.2 Fire Fighting Methods: CO2 and dry chemicals for small fires and foam for large fires.

5.0 REACTIVITY DATA /

5.1 Stability: Stable under normal conditions of handling.
5.2 Conditions to Avoid: Avoid contact with strong oxidizing agents

6.0 SPILL OR LEAK PROCEDURES / USE PROPER PROTECTIVE EQUIPMENT

6.1 Cleanup: Neutralize and pick up with absorbent.
6.2 Waste Disposal: Consult state and local authorities for restrictions on disposal of chemical waste. Unused product as a waste is Corrosive (D002) according to RCRA criteria.

UNK = Unknown at this time PEL = Permissible Exposure Limit
TWA = Time Weighted Average STEL = Short Term Exposure Level
C = Ceiling Limit, Not To Be Exceeded

7.0 HEALTH HAZARD DATA / DANGER

7.1 Effects of Overexposure:
Skin and Eyes: Can cause severe irritation, possible chemical burns.
If Swallowed: Harmful. Can cause chemical burns of mouth, throat and stomach.
If Inhaled: Vapors cause irritation, including a burning taste, sneezing, coughing and difficulty breathing. People with asthma or other lung problems may be more susceptible.

8.0 FIRST AID /

8.1 Eyes: Immediately flush with plenty of cool running water. Remove contact lenses. Continue flushing for at least 15 minutes, holding eyelids apart to ensure rinsing of entire eye. CALL A PHYSICIAN IMMEDIATELY.
8.2 Skin: Immediately flush skin with plenty of cool running water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
8.3 If Swallowed: Rinse mouth at once; then drink 1 or 2 large glasses of water or milk. DO NOT induce vomiting. NEVER give anything by mouth to an unconscious person.
8.4 If Inhaled: Immediately move to fresh air.

CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY

9.0 SPECIAL PROTECTION INFORMATION /

9.1 Respiratory: Avoid misting conditions or dusts.
9.2 Skin: Rubber gloves - protective cuff or gauntlet type preferred.
9.3 Eyes: Splashproof glasses, goggles or face shield.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

10.1 DOT Class: Not regulated

KEEP OUT OF REACH OF CHILDREN

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

E. I. du Pont de Nemours & Co. (Inc.)
Towanda Plant

CHEMICAL
SHEET NO. _____

REQUEST FOR DIAMOND LABEL CLASSIFICATION

DATE: 8/25/87

Name of Material (and Synonyms) N-OCTENYL SUCCINIC ANHYDRIDE

Manufacturer MILLIKEN CHEMICAL Phone (803) 573-2399

Manufacturer's Address PO BOX 817, INMAN SC 29349

Product or Use USED IN SUNDRIES TO MAKE VERSACLEAN 410.

Solid _____
Liquid X
Gas _____

Description of Material VISCOUS Liquid. Color Clear Light Yellow

Submitted by: T.E. Montague

Area Where Used Sundries

CHEM.HAZ.COMM.USE ONLY

MSDS NO. _____
CAS NO. _____

HI-RISE STORAGE
( ) YES ( ) 1ST FLOOR
( ) NO ( ) OTHER

( ) NEW
( ) UP-DATE
( ) RECLASSIFIED

Chemical Composition _____

Flash Point _____ °F by: COC ( ) TCC ( ) P-M ( ) MSDS REQUESTED _____ Date

Hazards (List References) : _____

Storage _____

Classification: F ____ H ____ S ____ P ____ Date _____

Classified by _____ Member _____

Chairman _____ Member _____

Member _____ Member _____

9/26/78
REV. 5/28/86
VJS9.TXT/MMA

MATERIAL SAFETY DATA SHEET
PRODUCT: OSA

MSDS NUMBER 0007
PAGE 1

MILLIKEN CHEMICAL
DIVISION OF MILLIKEN AND COMPANY
P.O. BOX 817, INMAN SC 29349

PHONE NUMBERS:
EMERGENCY 1-803-472-9041
CHEMTREC 1-800-424-9300

IDENTITY	Octenylsuccinic Anhydride
CHEMICAL FAMILY	Alkenyl Succinic Anhydride
SYNONYMS	None
FORMULA	C12H18O3
DOT CLASS	Non Hazardous

HAZARD CODES:

HEALTH 1
FLAMMABILITY 1
REACTIVITY 0

HAZARD RATINGS:
4=SEVERE
3=SERIOUS
2=MODERATE
1=SLIGHT
0=MINIMAL

I. PHYSICAL DATA

BOILING POINT (°F)	MOLECULAR WEIGHT	VAPOR PRESSURE (MM HG)
334 @ 3 mm HG	210	Not Available
SP. GRAVITY (WATER-1)	**VAPOR DENSITY (AIR-1)**	**% WATER SOLUBILITY**
1.0	Not Available	Hydrolyses
% VOLATILES BY WEIGHT @100 °C	**EVAPORATION RATE (WATER-1)**	
0	<<1	

APPEARANCE AND ODOR: Clear, light yellow, viscous liquid with oily odor.

II. HAZARDOUS INGREDIENTS

MATERIAL	%	TLV (UNITS)
None		

III. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TEST METHOD): COC 365 °F COC 185 °C

AUTOIGNITION TEMPERATURE: Not Available

FLAMMABLE LIMITS IN AIR (% BY VOLUME): UPPER - Not Available
LOWER - Not Available

EXTINGUISHING MEDIA:
Use water, carbon dioxide, foam or dry powder.

SPECIAL FIRE FIGHTING PROCEDURES:
Use water spray to cool fire exposed containers. Evacuate non-emergency personnel to a safe area. Avoid breathing smoke, fumes and decomposition products.

UNUSAL FIRE OR EXPLOSION HAZARDS:
None

IV. PHYSIOLOGICAL AND HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Not Established

MEDIAN LETHAL DOSAGE: LD50, LC50 (SPECIES)

Not Available

EFFECTS OF OVEREXPOSURE:

EYES: May cause irritation and corneal swelling; double vision may be present.

SKIN: Can cause skin irritation. Repeated or prolonged exposure may cause dermatitis or sensitization.

RESPIRATORY: Inhalation may cause coughing, sneezing, and irritation of nasal and respiratory passages.

V. EMERGENCY AND FIRST AID DATA

EYES: Immediately flush eyes with large amounts of water for 15 minutes. Contact a physician.

SKIN: Wash affected area immediately with large amounts of soap and water. Remove and wash contaminated clothing before reuse. Contact a physician if irritation occurs.

INGESTION: Give two glasses of water and contact a physician. Never give anything by mouth to an unconscious person.

INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

OTHER INSTRUCTIONS:
Contaminated clothing should be laundered before reuse.
This compound may be absorbed through the skin.

VI. REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID:
None

INCOMPATABILITY (MATERIALS TO BE AVOIDED):
Will slowly hydrolyze in presence of water.

HAZARDOUS DECOMPOSITION PRODUCTS:
Decomposition may produce fumes, smoke, oxides of carbon and/or hydrocarbons.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID:
None

VII. SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IN CASE OF A RELEASE OR SPILL:

Wear appropriate protective equipment as specified in Section VIII. Floors may be slippery. Contain spilled material. Transfer to secure containers. Where applicable, collect using absorbent material.

WASTE DISPOSAL METHOD(S):

All material should be packaged, labeled, transported and disposed or reclaimed in conformance with all applicable local, state, and federal regulations.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

Handle in the presence of adequate ventilation.

PROTECTIVE GLOVES: Use chemical resistant gloves

EYE PROTECTION: Use chemical splash goggles.

OTHER PROTECTIVE EQUIPMENT:

Adequate clothing to minimize physical contact.

IX. SPECIAL PRECAUTIONS

This compound is a skin irritant and due precaution should be taken to avoid prolonged or repeated contact. Avoid ingestion.

DATE PREPARED: 29JUL87
SUPERSEDES MSDS DATED: 10NOV87

APPROVED BY: D. Michael Collins
Environmental Manager

THE INFORMATION CONTAINED HEREIN IS PROVIDED FOR THE PURPOSE OF DISCLOSING PRODUCT HAZARDS AND DOES NOT CONSTITUTE PRODUCT SPECIFICATIONS. ALL WARRANTIES, EITHER EXPRESSED OR IMPLIED, ARE HEREBY DISCLAIMED.

E. I. du Pont de Nemours & Co. (Inc.)
Towanda Plant

CHEMICAL
SHEET NO. _____

REQUEST FOR DIAMOND LABEL CLASSIFICATION

DATE: 8/25/87

Name of Material (and Synonyms) VERSA CLEAN - 410

Manufacturer E. I. DuPONT Phone (717) 265-2641

Manufacturer's Address TOWANDA PA.

Product or Use ALKALINE SOAK CLEANER

Solid _____
Liquid X
Gas _____

Description of Material Very Pale - Clear yellow Liquid Color CLEAR YELLOW

Submitted by: T.E. Montayne

Area Where Used Sundries

CHEM.HAZ.COMM.USE ONLY

MSDS NO. _____
CAS NO. _____

HI-RISE STORAGE
( ) YES ( ) 1ST FLOOR
( ) NO ( ) OTHER

( ) NEW
( ) UP-DATE
( ) RECLASSIFIED

Chemical Composition _____

Flash Point _____ °F by: COC ( ) TCC ( ) P-M ( ) MSDS REQUESTED _____ Date

Hazards (List References) : _____

Storage _____

Classification: F _____ H _____ S _____ P _____ Date _____

Classified by _____ Member _____

Chairman _____ Member _____

Member _____ Member _____

9/26/78
REV. 5/28/86
VJS9.TXT/MMA

MATERIAL SAFETY DATA SHEET

IDENTITY **PRODUCT NAME:** VersaCLEAN™ 410

SECTION I

ETD TECHNOLOGY, INC.
605 West County Road E
Shoreview, MN 55126

Emergency Phone Number:
1-800-328-0026
Information Phone Number:
(612)482-7760
ISSUE DATE: July 10, 1986

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(Optional)
Sodium Hydroxide	2 mg/m³	2 mg/m³ (ceiling limit)		20

This product contains no other material considered hazardous in accordance with the criteria of 29 CFR 1910.1200.

SECTION III - Physical Data

Boiling Point: > 100°C (212°F)

Specific Gravity: 1.246 (H_2O = 1)

Vapor Pressure: Unknown (mm Hg.)

Melting Point: <0°C (32°F)

Vapor Density: Unknown (AIR = 1)

Evaporation Rate: Unknown (Butyl Acetate = 1)

Solubility in Water: Complete

Appearance and Odor: Very pale, clear yellow liquid, mildly sweet odor.

Other: pH (undiluted): 13.0

SECTION IV - Fire and Explosion Hazard Data

Flash Point: Nonflammable (Method Used)

Flammable Limits: LEL:N/A UEL:N/A

Extinguishing Media: N/A

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

SECTION V - Reactivity Data

Stability: Stable
Conditions to Avoid: Strongly acidic conditions.
Incompatibility: Materials attacked by alkalies.
Hazardous Decomposition Products: Thermal decomposition may yield CO, CO_2
Hazardous Polymerization: Will not occur.

SECTION VI - Health Hazard Data

Threshhold Limit Value: TLV-TWA (Time Weighted Average) 2 mg/m^3 (ceiling limit)(ACGIH 1984).

Effects of Overexposure: **EXTERNAL:** Will irritate skin. Prolonged exposure will destroy tissue. **EYES:** Will damage mucous membranes. **INTERNAL:** Will damage tissue in mouth, throat and stomach. **INHALATION:** Irritation of respiratory tract, inflammation of the lungs.

Emergency First Aid Procedures: **EXTERNAL:** Immediately flush skin with plenty of cool running water for at least 15 minutes. Immediately remove contaminated clothing and wash before reuse. **EYES:** Immediately flush with plenty of cool running water. Remove contact lenses, if applicable. Continue flushing for at least 15 minutes. **GET EMERGENCY MEDICAL ATTENTION IMMEDIATELY.** **INTERNAL:** Call local Poison Control Center for assistance immediately. If swallowed, **DO NOT INDUCE VOMITING.** Rinse mouth; then immediately drink 1 to 2 large glasses of water. Never give anything by mouth to an unconscious person. **GET MEDICAL ATTENTION IMMEDIATELY.**

SECTION VII Precautions for Safe Handling and Use

In case material is released or spilled: Use adequate safety equipment; see Control Measures on page three (3). Contain spill. Soak up with inert absorbent. Flush area with water. Dispose of in accordance with applicable regulations.

SECTION VII - Precautions for Safe Handling and Use (Continued)

Waste disposal method: Neutralize sodium hydroxide with acid. Flush to sewer with in accordance with applicable regulations.

NOTE: The above Precautions for Safe Handling and Use apply to VersaCLEAN 410, itself, not operating solutions in which it is used, which may contain soluble metal salts. In the case of a spill of the operating solution, follow treatment methods applicable for these types of solutions.

SECTION VIII - Control Measures

Respiratory Protection: None generally required.
Ventilation: None generally required.
Skin Protection: Harmful if swallowed. May cause skin irritation. Protect skin and mucous membranes. Wear rubber gloves and protective clothing when handling this product or its solutions.
Eye Protection: May cause eye irritation. Protect eyes. Wear goggles/face shield.

Handling and Storing: Keep from freezing. If frozen, warm to room temperature and agitate to restore product to its original state.

Other Precautions: **DANGER:** Causes severe burns. Contains over 10% sodium hydroxide (caustic soda). **POISON.** Harmful or fatal if swallowed. Protect skin, eyes and mucous membranes. Wear rubber gloves, goggles/face shield and protective clothing when handling this product and its solutions. Mix only with water.

This information is furnished gratuitously, independent of any sale, and for your independent verification. Although we believe the data to be correct as of the date indicated, we make no representation as to its accuracy and such information may not be valid when product is used in any process or combined with other materials. NO REPRESENTATION(S), GUARANTEE(S), OR WARRANTY, EITHER EXPRESS, IMPLIED OR OF ANY NATURE, is made with respect to the product or data provided.

FORM REVISED 6/86

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MATERIAL SAFETY DATA SHEET

IDENTITY **PRODUCT NAME:** VersaCLEAN™ 400

SECTION I

ETD TECHNOLOGY, INC.
605 West County Road E
Shoreview, MN 55126

Emergency Phone Number:
1-800-328-0026
Information Phone Number:
(612)482-7760
ISSUE DATE: July 9, 1986

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(Optional)
Sulfamic Acid			MLD (oral.rat) 1.6 g/kg	12

This product contains no other material considered hazardous in accordance with the criteria of 29 CFR 1910.1200.

SECTION III - Physical Data

Boiling Point: >100°F (212°F)
Specific Gravity: 1.002 (H_2O = 1)
Vapor Pressure: Unknown (mm Hg.)
Melting Point: <0°C (32°F)
Vapor Density: Unknown (AIR = 1)
Evaporation Rate: <1 (Butyl Acetate = 1)
Solubility in Water: Complete
Appearance and Odor: Clear, water white liquid; slightly pungent odor.

SECTION IV - Fire and Explosion Hazard Data

Flash Point: Nonflammable (Method Used)
Flammable Limits: LEL:N/A UEL:N/A
Extinguishing Media: N/A
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: None

SECTION V - Reactivity Data

Stability: Stable
Conditions to Avoid: Boiling to dryness.
Incompatibility: Strong alkalies, sodium hypochlorite and chlorine.
Hazardous Decomposition Products: Sulfur dioxide and sulfur trioxide may be released in a fire.
Hazardous Polymerization: Will not occur.

SECTION VI - Health Hazard Data

Threshhold Limit Value: None established (ACGIH 1984).

Effects of Overexposure: **EYES:** Irritation, burning. **SKIN:** Irritation. **INGESTION:** Lesions on glandular parts of stomach. **CHRONIC OVEREXPOSURE:** No information found.

Emergency First Aid Procedures: **EXTERNAL:** Immediately flush skin with plenty of cool running water for at least 15 minutes. Immediately remove contaminated clothing and wash before reuse. **EYES:** Immediately flush with plenty of cool running water. Remove contact lenses, if applicable. Continue flushing for at least 15 minutes. **GET EMERGENCY MEDICAL ATTENTION IMMEDIATELY.** **INTERNAL:** Call local Poison Control Center for assistance immediately. If swallowed, **DO NOT INDUCE VOMITING.** Rinse mouth; then immediately drink 1 to 2 large glasses of water. Never give anything by mouth to an unconscious person. **GET MEDICAL ATTENTION IMMEDIATELY.**

SECTION VII - Precautions for Safe Handling and Use

In case material is released or spilled: Use adequate safety equipment; see Control Measures on page three (3). Contain spill. Soak up with inert absorbent. Flush area with water.

SECTION VI - Health Hazard Data (Continued)

Waste disposal method: Neutralize with alkali such as sodium carbonate (Soda Ash). Flush to sewer with water in accordance with applicable regulations.

NOTE: The above Precautions for Safe Handling and Use apply to VersaCLEAN 400, itself, not operating solutions in which it is used, which may contain soluble Copper Salts. In the case of a spill of the operating solution, follow treatment methods applicable for these types of solutions.

SECTION VIII - Control Measures

Respiratory Protection: None generally required.
Ventilation: Mechanical ventilation recommended.
Skin Protection: Wear rubber gloves.
Eye Protection: Wear goggles/face shield.

Handling and Storing: Keep container closed when not in use. Store in a cool, dry area. Keep from freezing. If product is frozen, warm to room temperature and agitate to restore to its original state.

Other Precaution: CAUTION: Contains inorganic acid. Harmful if swallowed. May cause skin and eye irritation. Protect eyes, skin, mucous membranes. Wear rubber gloves, goggles/face shield and protective clothing when handling this product or its solutions. Mix only with water. KEEP OUT OF REACH OF CHILDREN.

This information is furnished gratuitously, independent of any sale, and for your independent verification. Although we believe the data to be correct as of the date indicated, we make no representation as to its accuracy and such information may not be valid when product is used in any process or combined with other materials. NO REPRESENTATION(S), GUARANTEE(S), OR WARRANTY, EITHER EXPRESS, IMPLIED OR OF ANY NATURE, is made with respect to the product or data provided.

FORM REVISED 6/86

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E. I. du Pont de Nemours & Co. (Inc.)
Towanda Plant

CHEMICAL
SHEET NO. _____

REQUEST FOR DIAMOND LABEL CLASSIFICATION

DATE: 8/25/87

Name of Material (and Synonyms) NPE-15 (TDET N 14, NONYLPHENOL + 14 moles Ethylene OXIDE)

Manufacturer THOMPSON-HAYWARD CHEMICAL Co. Phone _____

Manufacturer's Address KANSAS CITY, KANSAS

Product or Use NONIONIC SURFACTANT. Used in SUNDRIES TO MAKE Versa Clean-400

Solid X
Liquid _____
Gas _____

Description of Material OPAQUE - Semi solid. Color OPAQUE

Submitted by: T.E. Montague Area Where Used Henderson

CHEM.HAZ.COMM.USE ONLY

MSDS NO. _____
CAS NO. _____

HI-RISE STORAGE
☐ YES ☐ NO ☐ 1ST FLOOR ☐ OTHER

☐ NEW
☐ UP-DATE
☐ RECLASSIFIED

Chemical Composition _____

Flash Point _____ °F by: COC ( ) TCC ( ) P-M ( ) MSDS REQUESTED _____ Date

Hazards (List References) : _____

Storage _____

Classification: F ____ H ____ S ____ P ____ Date _____

Classified by _____ Member _____

Chairman _____ Member _____

Member _____ Member _____

9/26/78
REV. 5/28/86
VJS9.TXT/MMA

THOMPSON-HAYWARD CHEMICAL COMPANY
KANSAS CITY, KANSAS

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: T-DET-N 14 #60# DATE: 08/08/86 PAGE 01
PRODUCT CODE: 25-03060-02

CAS # 009016-45-9

FORMULA: C(43) H(80) O(15)

CHEMICAL FAMILY: Nonionic Surfactant

CHEMICAL NAME AND SYNONYMS: Nonylphenol + 14 moles Ethylene Oxide

SUPPLIERS NAME: Thompson-Hayward Chemical Company
5200 Speaker Rd
Kansas City Ks 66106
SUPPLIERS PHONE NUMBER: 913-321-3131
TRANSPROTATION EMERGENCY PHONE NUMBER: 1-800-424-9300

SECTION I Hazardous Ingredients

Ingredient	Percent	TLV
Nonylphenol Ethoxylate	about 100%	N/D

NOTE: Traces of EO could accumulate in headspace of drums, storage/transport vessels or in enclosed areas where the product is being handled or used. See Section IX for further information.

SECTION II Health Hazards

Threshold Limit Value: Not determined

Effects of Overexposure:

Eyes: May cause severe irritation to eye tissues from contact with liquid.

Skin: Prolonged contact with soaked clothing may cause irritation of the skin.

Inhalation: Vapors, mist or spray may cause chest pain and coughing.

Ingestion: May cause nausea, vomiting and diarrhea.

First aid:

Eyes: Wash eyes with large amounts of water for at least 15 minutes. Hold eyelids apart to ensure flushing of the entire eye surface. Obtain medical attention immediately.

Skin: Wash contaminated skin with plenty of water. Remove contaminated clothing and footwear and wash before reuse. Obtain medical attention if symptoms persist.

Inhalation: Get out of contaminated area and into fresh air. Give oxygen if available. Obtain medical attention if symptoms persist.

Ingestion: Give two glasses of water and induce vomiting by having victim touch finger to back of throat. Keep head below

CONTINUED ON PAGE 02

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: T DET N 14 460# DATE: 08/08/86 PAGE 02
PRODUCT CODE: 25-03060-02

SECTION II Health Hazards CONTINUED

hips to prevent aspiration. Do not attempt to give anything by mouth to a drowsy or unconscious person. Obtain medical attention immediately.

Other Information: There is no specific antidote. Treat clinical conditions symptomatically.

This product will act like any nonionic surfactant. It may be advisable to seek ophthalmologic consultation for eye injury.

SECTION III Special Protection Information

Respiratory Protection: Use NIOSH approved respirator for organic vapor for strong fumes from heated material, and if adequate ventilation cannot be provided at any time, or if there is a possibility of contact with headspace directly above the drum, tankwagon and/or mixing vessel.

Ventilation Required: Open windows, doors and provide local exhaust ventilation where required to provide equivalent to outdoors ventilation. Use with adequate ventilation, especially where drums or tankwagons are being opened.

Protective Clothing:

Eyes: Chemical goggles

Skin: Wear protective clothing as required to prevent skin contact. Impervious gloves (rubber or neoprene).

Additional Protective Measures: Safety shower, eyewash station and washing facilities should be available.

Wash with soap and water before eating, drinking, smoking or using toilet facilities.

SECTION IV Fire & Explosion Hazard Data

Flash Point (Method): 645 deg. F (PMCC)

Flammable Limits (% Volume in Air):

Upper: N/D

Lower: N/D

Extinguishing Media: Foam, dry chemical, carbon dioxide, water spray or fog.

Special Fire Fighting Procedures: Use water spray or fog to cool fire exposed containers. Direct solid streams of water or foam may cause frothing.

Unusual Fire and Explosion Hazards: None

CONTINUED ON PAGE 03

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: T DET N 14 460# DATE: 08/08/86 PAGE 03
PRODUCT CODE: 25-03060-02

SECTION V Physical Data

Boiling Point: Decomposes
Specific Gravity (H(2)O=1): 1.073 @ 68 deg. F
Vapor Pressure (MM HG.): <1
Vapor Density (AIR=1): >1
Evaporation Rate (Butyl Acetate=1): <0.01
Solubility in Water: Soluble
Percent Volatile by Volume: NIL
pH: 5-7 (1% Aqueous)
Appearance and Odor: Opaque Semisolid.

SECTION VI Reactivity Data

Stability: Stable
Incompatibility: Oxidizing and reducing agents.
Hazardous Decomposition Products: May produce carbon monoxide from incomplete combustion.
Hazardous Polymerization: Does not occur.

SECTION VII Spill and Leak Procedures

Steps to be taken if material is released or spilled: Put on eye protection in order to stop leaks and contain the spill with absorbant. Shovel material into container for disposal. Prevent runoff from entering sewers, lakes, rivers, streams or public water supplies.

Waste Disposal Method: This product, if it is to be discarded in its purchased form, does not meet criteria of a hazardous waste as defined in RCRA (40 CFR 261). Dispose of material in accordance with all federal, state and local regulations.

SECTION VIII D.O.T. Shipping Information

Proper Shipping Name:	NONE
Hazard Class:	NONE
ID Number:	NONE
Label Requirements:	NONE

— CONTINUED ON PAGE 04

THOMPSON-HAYWARD CHEMICAL COMPANY
KANSAS CITY, KANSAS

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: T DET N 14 460# DATE: 08/08/86 PAGE 04
PRODUCT CODE: 25-03060-02

SECTION VIII D.O.T. Shipping Information CONTINUED

Reportable Quantity: NONE

Other Information:

SECTION IX Additional Information

This information may be of importance to you:

If the product is handled according to the recommendations set forth in this Material Safety Data Sheet, the presence of trace amounts of ethylene oxide is not expected to result in any short or long-term hazard.

Ethylene oxide is considered by OSHA as a potential carcinogen and reproductive hazard for humans. Thompson Hayward urges that users of this product confirm that their operating, storage and distribution facilities comply with the OSHA Standard (29 CFR 1910.1047).

NPCA HMIS 3-1-0-D

********* E N D O F R E P O R T *********

NAME: EDWARD E. CHAPMAN DATE ISSUED: 10/30/1985
DATE REVISED: 07/15/1986

< = LESS THAN N/A = NOT APPLICABLE UNK = UNKNOWN
> = MORE THAN N/D = NOT DETERMINED
N/E = NOT ESTABLISHED

The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. Thompson-Hayward Chemical Co. provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein. This information is offered for your information, consideration and investigation. You should satisfy yourself that you have all current data relevant to your particular use.

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

- Extinguishing Media: Water spray; Dry chemical; CO_2
- Special Fire Fighting Procedures:
  Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
- Unusual Fire and Explosion Hazards:
  Fire or excessive heat may cause production of hazardous decomposition products.

SECTION V. REACTIVITY DATA

- Stability: Stable
- Incompatibility: Strong oxidizers
- Hazardous Decomposition Products:
  As with any other organic material, combustion will produce carbon dioxide and probably carbon monoxide.
  Oxides of nitrogen and sulfur may also be present.
  Thermal decomposition will produce cyanide fumes.
- Hazardous Polymerization: Will not occur.

SECTION VI. TOXICITY AND HEALTH HAZARD DATA

A. EXPOSURE LIMITS:

Eastman Kodak Company has established a company Health Protection Guide of 1.0 mg/m^3 averaged over an 8-hour period.

B. EXPOSURE EFFECTS:

Inhalation: May be harmful if inhaled.
Prolonged or repeated over exposure to the dust may result in suppressed thyroid activity.

Eyes: No specific hazard known to Eastman Kodak Company. However, any material that contacts the eye may be irritating or may cause mechanical injury.

Skin: Prolonged or repeated skin contact may cause skin irritation and result in an allergic skin reaction.

C. FIRST AID:

Inhalation: Remove to fresh air.

Eyes: Immediately flush eyes with plenty of water and get medical attention if any symptoms are present after washing.

Skin: Immediately wash skin with soap and plenty of water.

D. TOXICITY DATA

Test	Species	Result(1)	Classification(2)
Acute Oral LD_{50}	Rat	3.2-6.4 g/kg	Slightly toxic
Acute Oral LD_{50}	Mouse	> 6.4 g/kg	
Skin Absorption	Guinea Pig	No evidence at 20 mL/kg	
Skin Irritation	Guinea Pig	Non-irritant	
Skin Sensitization	Guinea Pig	None sensitized	

Human Data: Thiourea is known to effect the thyroid gland in man and instances of skin irritation and sensitization in humans have been reported.(1) Acute adverse effects including fever, rash, gastrointestinal disturbance, and less commonly leukopenia have been reported when thiourea was used as an antithyroid drug at doses as low as 2 mg/kg/day.(3)

SECTION VII. PERSONAL PROTECTION AND CONTROLS

A. RESPIRATORY PROTECTION:

An appropriate NIOSH-approved respirator for dust should be worn if needed.

B. VENTILATION:

Local Exhaust: If needed to control dust below the HPG irritating levels.

Mechanical (General): Recommend at least ten air changes per hour for good general room ventilation.

C. SKIN AND EYE PROTECTION:

Protective gloves should be worn.
Safety glasses should be worn.

SECTION VIII. SPECIAL STORAGE AND HANDLING PRECAUTIONS

Keep from contact with oxidizing materials.

SECTION IX. SPILL, LEAK, AND DISPOSAL PROCEDURES

Sweep material onto paper and place in fiber carton.
Package appropriately for safe feed to an incinerator or dissolve in compatible waste solvents prior to incineration.
Dispose in an approved incinerator equipped with afterburner and scrubber or contract with licensed chemical waste disposal service.
Discharge, treatment, or disposal may be subject to federal, state, or local laws.

SECTION X. ENVIRONMENTAL EFFECTS DATA

A. SUMMARY:

This chemical has been tested for environmental effects. Some laboratory test data and published data are available for this chemical, and these data have been used to provide the following estimate of environmental impact:[1,4,5,6,7]

This chemical has a low biological oxygen demand, and it is expected to cause little oxygen depletion in aquatic systems. It has a high potential to affect aquatic organisms. It has a moderate potential to affect unacclimated secondary waste treatment microorganisms. It is expected to have a low potential to affect acclimated secondary waste treatment microorganisms. The direct instantaneous discharge to a receiving body of water of an amount of this chemical which will rapidly produce, by dilution, a final concentration of 0.1 mg/L or less is not expected to cause an adverse environmental effect. However, after dilution with a large amount of water, followed by secondary waste treatment, this chemical is not expected to have any adverse environmental impact.

B. OXYGEN DEMAND DATA:
COD: 0.84 g/g[(1)(5)(6)]
BOD_5: 0.00 g/g[(1)(6)]; 0.013 g/g[(5)]

C. ACUTE AQUATIC EFFECTS:
96-hour LC_{50}; Fathead minnow: 3,200 mg/L[(1)]; > 100 mg/L[(5)]
96-hour LC_{50}; Water flea: 1.8 mg/L[(5)]

D. SECONDARY WASTE TREATMENT COMPATIBILITY:
No effect was noted on a conventional biological treatment system at 100 mg/L while 1,000 mg/L was inhibitory. In an acclimated system, 276 mg/L was biodegradable.[(5)] A 75% reduction of a non-acclimated sludge was reported for an influent concentration of 0.075 mg/L[(4)].

E. BIOCONCENTRATION POTENTIAL:
Octanol/Water Partition Coefficient: Log P = -1.14 to -0.98; P = 0.072 - 0.10[(7)]

SECTION XI. TRANSPORTATION

- DOT Hazard Classification: Not Regulated

SECTION XII. REFERENCES

1. Toxicity results are from unpublished data, Health and Environment Laboratories, Eastman Kodak Company, Rochester, New York.

2. Hodge, H.C., and Sterner, J.H., American Industrial Hygiene Association Quarterly. 10:93, 1949.

3. Pharmacol. Rev. 7:301-334, 1955.

4. Verschueren, K., Handbook of Environmental Data on Organic Chemicals, Van Nostrand Reinhold Company, New York, N.Y., 1977.

5. National Association of Photographic Manufacturers, Inc. and Hydroscience, Inc., Environmental Effects of Photoprocessing Chemicals, National Association of Photographic Manufacturers, Harrison, New York, 1974, 2 vols.

6. Kodak Publication J-41, "BOD_5 and COD of Photographic Chemicals", Eastman Kodak Co., 1981.

7. Pomona College, Medicinal Chemistry Project, "Chemical Parameter Data Base," Leo A. J. and Hansch, C., Eds., Seaver Chemistry Laboratory, Claremont, California, January 3, 1983.

The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.

Du Pont Material Safety Data Sheet

MATERIAL IDENTIFICATION

NUMBER : 00002263
NAME : THIOUREA

TRADE NAMES AND SYNONYMS :
THIOCARBAMIDE
2-THIOUREA
THIURONIUM

CAS NUMBER : 62-56-6
FORMULA : NH2-CS-NH2

MOLECULAR WEIGHT : 76.12
MANUFACTURER/DISTRIBUTOR : Oak Ridge National Lab
TRANSPORTATION EMERGENCY PHONE : CHEMTREC: 1-800-424-9300

****

HAZARDOUS COMPONENTS

Material	CAS Number	%
THIOUREA	62-56-6	100

****

PHYSICAL DATA

Melting Point : 180 to 182 deg C at 760 mm Hg.
Specific Gravity : 1.41
Solubility in Water : 9.2 WT %
Form : Rhombic Crystals/Powder
Color : White

****

HAZARDOUS REACTIVITY

Instability : Stable.
Incompatibility : None reasonably foreseeable.
Decomposition : Decomposes with heat. Hazardous gases produced are oxides of sulfur and nitrogen.
Polymerization : Polymerization will not occur.

****

FIRE AND EXPLOSION DATA

FIRE AND EXPLOSION HAZARDS

Hazardous gases produced in fire are oxides of sulfur and nitrogen THIOUREA will burn to form sulfur dioxide fumes.

EXTINGUISHING MEDIA

(FIRE AND EXPLOSION DATA - CONTINUED)

Dry Chemical. CO2.

SPECIAL FIRE FIGHTING INSTRUCTIONS

Evacuate personnel to a safe area. Keep personnel removed & upwind of fire. Wear self-contained breathing apparatus.

****

HEALTH HAZARD INFORMATION

NAME:							
	HEALTH		FIRE		PROTECTION		
INHL				NORMAL		FACE	
SKIN		REACTIVITY		HAND		RESP	
ORAL				EYE		BODY	
DATE:			MSDS Number:				

SIGNIFICANT EFFECTS AND ROUTES OF EXPOSURE:

INHALATION LC50: > 170 mg/m3 in rats
SKIN ABSORPTION LD50: > 2800 mg/kg in rabbits
ORAL LD50: 125 mg/kg in rats

Moderately to highly toxic by inhalation
(4 hour LC50: 0.08 - 8 mg/l).
Moderately toxic by contact
(LD50: 200 - 5,000 mg/kg).
Moderately toxic by ingestion
(oral LD50: 50 - 500 mg/kg).

THIOUREA is not a skin irritant, is untested for eye irritancy, and is untested for animal sensitization. Toxic effects described in animals from short exposures by inhalation, ingestion, or skin contact include: liver effects, thyroid effects, pituitary effects, testicular effects, and ovary effects. Tests in some animals demonstrate carcinogenic activity. Tests in some animals indicate that the compound may have embryotoxic activity. Animal testing indicates that this compound does not have mutagenic, or reproductive effects.

Human health effects of overexposure to THIOUREA by inhalation, ingestion, or skin or eye contact may initially include: skin irritation with discomfort or rash; abnormal blood forming system function with anemia; or

(HEALTH HAZARD INFORMATION - CONTINUED)

administration. Skin permeation can occur in amounts capable of producing the effects of systemic toxicity. There are inconclusive or unverified reports of human sensitization. No adequate epidemiologic studies are available for this compound.

Carcinogenicity

The following components are listed by IARC, NTP, or OSHA as carcinogens.

Chemical	IARC	NTP	OSHA
Thiourea			X

DuPont controls the following chemicals as potential carcinogens : Thiourea .

Exposure Limits

AEL (DuPont) : 2 mg/m3, 8-hour TWA, total dust
TLV * (ACGIH) : None Established
PEL (OSHA) : None Established
WEEL (AIHA) : None Established

* TLV is a registered trademark.

Safety Precautions

Avoid contact with eyes. Avoid contact with skin. Avoid contact with clothing. Avoid breathing dust. Wash thoroughly after handling.

****

FIRST AID

INHALATION
If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

SKIN CONTACT
In case of contact, immediately wash skin with soap and plenty of water.

EYE CONTACT
In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

INGESTION
If swallowed, induce vomiting immediately by giving two glasses of

(FIRST AID - CONTINUED)

water and sticking finger down throat. Never give anything by mouth to an unconscious person. Call a physician.

****
PROTECTION INFORMATION

Generally Applicable Control Measures and Procedures

Use only with adequate ventilation. Keep container tightly closed. Avoid dust generation. Do not consume food, drink or tobacco in the areas where they may become contaminated with this material.

Personal Protective Equipment

Eye/Face : Safety Glasses. Follow applicable area procedure for protective equipment.

****
DISPOSAL INFORMATION

Aquatic Toxicity : 96 hour LC50, fathead minnows: > 600 mg/l

Spill, Leak, or Release

NOTE: Review FIRE AND EXPLOSION HAZARDS and SAFETY PRECAUTIONS before proceeding with clean up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up.
Superfund reportable discharge = 1 lbs.

Cover with a weak solution of calcium hypochlorite (up to 15%). Transfer into a large beaker. After 12 hours, neutralize with 6M HCl or 6M NH4-OH, if necessary.

Waste Disposal

Treatment, storage, transportation and disposal must be in accordance with Federal, State, and Local regulations. Dissolve in a combustible solvent such as alcohols, benzene, etc. Burn in the furnace with afterburner and scrubber to neutralize sulfur dioxide. Consult site Hazardous Waste Coordinator for proper disposal procedures.

****
SHIPPING INFORMATION

DOT/IMO

Proper Shipping Name	: Thiourea
Hazard Class	: 6.1
UN No.	: UN2877
DOT/IMO Label	: Keep away from food.
[illegible] Group	: III

(SHIPPING INFORMATION - CONTINUED)

Reportable Quantity : 1 lbs.

****

STORAGE CONDITIONS

Store in well ventilated area. Keep container tightly closed. Do not store or consume food, drink or tobacco in area where they may become contaminated with this material.

****

ADDITIONAL INFORMATION AND REFERENCES

REFERENCES:

1. Oak Ridge National Lab MSDS, October 1974.
2. Haskell Lab Toxicity Hazard Information for MSDS, January 1986.

****

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Date of latest Revision : 86/06/03

CMA

HAZARDOUS

WASTE SURVEY

1982

CMA

HAZARDOUS

WASTE SURVEY

1981

Towar [illegible]

SECTION 1

GENERAL PLANT CHARACTERISTICS

QUESTIONS

1. a) List all the SIC codes assigned to your plant which begin with [2][8][ ][ ] as the first two digits.

[2][8][ ][ ]

[2][8][ ][ ]

[2][8][ ][ ]

[2][8][ ][ ]

[2][8][ ][ ]

[2][8][ ][ ]

[2][8][ ][ ]

[2][8][ ][ ]

[2][8][ ][ ]

[2][8][ ][ ]

[2][8][ ][ ]

[2][8][ ][ ]

[2][8][ ][ ]

[2][8][ ][ ]

[2][8][ ][ ]

QUESTIONS

1. b) List all the SIC codes assigned to your plant which do not begin with [2][8][ ][ ] as the first two digits.

3	8	6	1

1. c) Does your plant carry out Research and Development (R&D) and/or manufacturing operations in the "Chemicals, Allied Products" category? (IMPORTANT - Read Instructions First)

R&D Only [1] Manufacturing Plant Only [ ] Research & Manufacturing [1]

2. a) Indicate whether your plant is a generator or small quantity generator of hazardous waste or does not generate hazardous waste.

Hazardous Waste Generator [1] Small Quantity Generator [ ] Generate Only Non-Hazardous Waste [ ]

2. b) Indicate the appropriate RCRA Part B or State designation(s) your plant has or expects to apply for.

Treatment	Storage	Disposal	Not Applicable
[ ]	[1]	[ ]	[ ]

Towards 1991

QUESTIONS

2. c) Which of the following treatment methods are used on state or federal hazardous wastes at your plant?

Thermal Method	Chemical Method	Physical Method	Biological Method	None
☐	☐	☐	☐	1

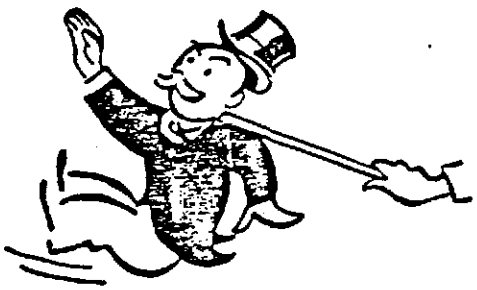
2. d) How many hazardous waste incinerators are at your plant? 0

2. e) How many of the following hazardous waste disposal facilities are currently in use at your plant?

Underground Injection	Landfill	Land Application	Surface Impoundment	Waste Piles	Other
0	0	0	0	0	0

3. Indicate the state in which your plant is located. (See instructions for code numbers.)

3 9



STOP! DON'T TAKE A CHANCE. The following sections require that you read all of the questions before proceeding. Please take a few moments now to do this if you have not already done so. This will save you time in completing the survey by preventing recalculation of answers which relate to later questions.

Towanda 1981.

SECTION II

WASTE GENERATION DATA

1981

QUESTIONS

4. Indicate the quantity of RCRA listed wastes generated at your plant during the calendar year, excluding RCRA listed hazardous wastewater.

□□□,□□□,□□□ tons

Shipped after Nov 1980. Drums built up awaiting shipment

5. Indicate the quantity of RCRA hazardous characteristic wastes generated at your plant during the calendar year, excluding RCRA hazardous characteristic wastewaters.

Same as for #4

□□□,□□□,□□□ tons

6. Indicate the quantity of RCRA mixture wastes generated at your facility during the calendar year, excluding all wastewaters, even if considered hazardous by state or federal regulations.

□□□,□□□,□□0 tons

7. Indicate the quantity of solid waste generated at your plant which was considered hazardous by state regulations only, excluding wastewater which might be considered hazardous by your state.

□□□,□□□,□□0 tons

8. Indicate the quantity of all hazardous wastewater (i.e., listed, characteristic, mixture, and state hazardous wastewater) generated at your plant during the calendar year.

□□□,□□□,593 tons

1981

QUESTIONS

9. Indicate the quantity of waste generated at your plant considered non-hazardous under 40 CFR Part 261 Subpart A 261.4(b)(2-9).

[ ][ ][ ],[ ][ ][ ],[ ][ ][0] tons

10. Indicate the quantity of hazardous waste generated at your plant which was exempt from RCRA regulation by small quantity generator status [40 CFR Part 261 Subpart A 261.5].

[ ][0] tons

11. Indicate the quantity of non-hazardous process waste generated at your plant, excluding non-hazardous wastewater, trash, and the wastes already reported in question 9.

[ ][ ][ ],[ ][ ][1],[3][0][9] tons

12. Indicate the total quantity of hazardous waste generated at your plant during the calendar year, excluding hazardous wastewater, by totaling the values reported in questions 4-7.

[ ][ ][ ],[ ][ ][ ],[ ][ ][ ] tons Can't tell. See question.

SECTION IV

WASTE TREATMENT & DISPOSAL PRACTICES

1981

QUESTIONS

14. Indicate the quantity (tons) of hazardous waste disposed of for each of the categories listed below. Place a zero in the far right hand box for those categories which do not pertain to your plant.

	Company Owned		Commercial	Row Totals	
	on-site (tons)	off-site (tons)	(tons)		
Incinerated	0	0			tons
Chemical/ Physical/ Biological Treatment					tons
Disposed of in Landfill					"as-is" tons
				0	dry tons
Disposed of in Surface Impoundment				0	"as-is" tons
				0	dry tons
Disposed of in Waste Pile				0	"as-is" tons
				0	dry tons
Land Application				0	"as-is" tons
				0	dry tons
Underground Injection				0	"as-is" tons
				0	dry tons
Ocean Dumping				0	"as-is" tons
				0	dry tons
Other				1	tons
Column Totals	0	0			tons

-18-

1981

QUESTIONS

15. a) Did your plant treat, pre-treat, or neutralize hazardous wastewater in tanks during the calendar year?

Yes ☐ No [1]

15. b) Did your plant neutralize hazardous wastewater in surface impoundments during the calendar year?

Yes ☐ No [1]

15. c) Indicate the quantity of hazardous wastewater, reported in question 8, which your plant disposed of in the following types of facilities during the calendar year. Include quantities for both on-site and off-site facilities.

NPDES Facility	593	tons
POTW Facility	0	tons
Deep Well Injection	0	"as-is" tons
	0	dry tons
Other	0	tons

QUESTIONS

16. Indicate the quantity of hazardous waste your plant may have received from other sources which was treated, disposed of, or reclaimed at your plant during the calendar year.

	(tons) From Company Owned Generator	(tons) From Non-Company Owned Generators
Treatment, Disposal	□□□,□□□,□□0	□□□,□□□,□□0
Use, Re-Use, Re-cycle, Reclaim	□□□,□□□,□□0	□□□,□□□,□□0

17. Indicate the quantity of hazardous waste reported in question 12 shipped from your plant by bulk or container.

Bulk (>110 gals) □□□,□□□,□□□ tons

Container □□□,□□□,□□□ tons

SECTION VI

HAZARDOUS WASTE TREATMENT,
DISPOSAL COSTS

(Optional)

QUESTION

18. Indicate the cost (dollars/ton) of hazardous waste treatment and disposal realized by your plant for all hazardous waste, including hazardous wastewater, during the calendar year.

	Company Owned		Commercial
	on-site (tons)	off-site (tons)	(tons)
Incinerated	☐☐☐☐.☐☐	☐☐☐☐.☐☐	☐☐☐☐.☐☐
Chemical/ Physical/ Biological Treatment	☐☐☐☐.☐☐	☐☐☐☐.☐☐	☐☐☐☐.☐☐
Landfilled	☐☐☐☐.☐☐	☐☐☐☐.☐☐	☐☐☐☐.☐☐
Surface Impoundment	☐☐☐☐.☐☐	☐☐☐☐.☐☐	☐☐☐☐.☐☐
Disposed of in Waste Pile	☐☐☐☐.☐☐	☐☐☐☐.☐☐	☐☐☐☐.☐☐
Land Application	☐☐☐☐.☐☐	☐☐☐☐.☐☐	☐☐☐☐.☐☐
Underground Injection	☐☐☐☐.☐☐	☐☐☐☐.☐☐	☐☐☐☐.☐☐
Ocean Dumping	☐☐☐☐.☐☐	☐☐☐☐.☐☐	☐☐☐☐.☐☐

LG-4579 REV. 10-83

E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED
WILMINGTON, DELAWARE 19898

LEGAL DEPARTMENT

cc: R. R. Bonczek, Adm.
D. W. Smith, Adm.
B. A. Barrosse, Eng.
P. A. Palmer, Eng.
R. M. Salemi, C&P
W. J. Touhey, F&FP
R. J. DeStefano, M&L
J. R. Cooper, Petchem
D. S. Olson, Petchem
D. J. Verrico, PA
Environmental Control Attorneys

April 9, 1984

R. R. DETWEILER, AGRICULTURAL CHEMICALS DEPT. (5)
P. M. HODGSON, JR., BIOMEDICAL PRODUCTS DEPT. (10)
W. G. MIKELL, CENTRAL RESEARCH & DEVELOPMENT DEPT., EXP. STA. (3)
F. X. PHILLIPS, CENTRAL RESEARCH & DEVELOPMENT DEPT., HASKELL (2)
S. S. ULREY, CHEMICALS AND PIGMENTS DEPT. (25)
R. A. MEAD, FINISHES AND FABRICATED PRODUCTS DEPT., (17)
W. H. PADGETT, FINISHES AND FABRICATED PRODUCTS DEPT., REMINGTON (7)
G. J. HOLLOD, PETROCHEMICALS DEPT. (11)
B. K. SAYDLOWSKI, PHOTOSYSTEMS AND ELECTRONIC PRODUCTS DEPT. (11)
J. M. STALLINGS, POLYMER PRODUCTS DEPT. (13)
J. L. MC CLANAHAN, TEXTILE FIBERS DEPT. (13)
T. L. THOEM, CONOCO (18)

1983 CMA HAZARDOUS WASTE SURVEY

Attached for distribution to your Department's plants (see attached list) are copies of the 1983 CMA Hazardous Waste Survey. I've enclosed a number of copies of the 1983 survey--equal to the number of plants listed in the attached, plus one (1) extra for your files (numbers in parentheses in addressee list).

As with the 1981/82 survey, CMA seeks information for SIC 2800 facilities only. Based on the SIC code designation of your plants in 1981/82, in the attached list I've categorized your Department's plants as SIC 2800 or non-SIC 2800. The data from the 1983 survey, as did the 1981/82 survey results, will assist CMA in: (1) efforts to improve public perception of the chemical industry's performance in handling hazardous wastes; (2) advocacy regarding proposed Federal and state legislation; (3) the development of comments on proposed EPA hazardous waste regulations; and (4) the establishment of a data base to determine the feasibility of new waste management programs. Also, because Du Pont will rely heavily on the CMA survey results for development of Company positions regarding hazardous waste generation and disposal (e.g., CERCLA waste-end tax, land disposal prohibitions, etc.), we request that the plants return the surveys promptly and that they be completed as accurately as possible.

The CMA RCRA Task Group has made every effort to simplify the survey questionnaire based on our experience with the 1981/82 survey. In fact, many questions from last year have been deleted. Because of the importance of surface impoundments, however, a series of new questions on impoundments has been added. In addition, the new survey questionnaire has been categorized into a "long" and "short" form. The "short form" is designed for small companies and is intended as a means to increase the percentage of CMA members responding. We will use the "long form" in Du Pont for each of our plants, at least for one more year, in order to establish a firm data base. Next year we may have several of our plants fill out the "short form".

Please have your plants fill out the enclosed questionnaire (every question should be answered even if the proper response is zero) and send two (2) copies of the completed questionnaires (both SIC 2800 and non-2800 facilities) to ~~me~~ B.K.S. as soon as possible, but no later than May ~~11~~, 1984.

CMA has again contracted with ERM, Inc., West Chester, Pennsylvania, to assist in analyzing the data from the survey. I will assume the responsibility of sending to ERM the completed 1983 survey forms for each of Du Pont's SIC 2800 facilities. I will retain one (1) copy of the completed questionnaire for my files and for use in developing Du Pont's 1983 hazardous waste data. If you or any of your plants have any questions regarding the 1983 CMA survey, or would like a copy of the summary of the 1981/82 CMA survey results, don't hesitate to contact me on 774-5113.

GUY V. JOHNSON

GVJ:caw

Enclosures to Addressees Only

cc: Gov't. Report File,
Env. Lab.

FI-70 REV. 11/83

P.O. BOX 505
TOWANDA, PA. 18848-0505

PHOTOSYSTEMS AND ELECTRONIC PRODUCTS DEPARTMENT

May 2, 1984

Return to Dww file
"84 CMA WASTE REPORT", dr. B

B. K. Saydlowski
P&EP Department
BMP 211152
Wilmington

CMA 1983 HAZARDOUS WASTE SURVEY

Enclosed is the completed CMA Hazardous Waste Survey. All information was taken from the quarterly waste activity reports to the DER, except for non-hazardous tanker shipments to Chambers Works.

Please call me at 265-2352 if you have any questions.

Sincerely,

David W. Whaley

David W. Whaley
Environmental Chemist

DWW/ttf
5/2/84
enc.

CMA

HAZARDOUS

WASTE SURVEY

1983

LONG FORM

1983

CMA HAZARDOUS WASTE SURVEY

LONG FORM

CONFIDENTIAL INFORMATION

Parent Company Name	E. I. du Pont de Nemours & Co. (Inc.)
Subsidiary Name	
Plant Name and Address	Photosystems & Electronic Products Dept.
	New James St. - Call Box 505
	Towanda, PA 18848
	Zip
Contact Name	David W. Whaley
Title	Environmental Chemist
Telephone Number	Ducom 8-265-2352

We encourage you to make a thorough and complete response to this questionnaire. CMA staff and the ERM Group will be reviewing your responses and contacting you to clarify any ambiguities. The confidential information will not be released to anyone outside the CMA or ERM staffs.

Please call Harold J. Petrimoulx of ERM, Inc., West Chester, Pennsylvania at (215) 696-9110 if you have any questions regarding this questionnaire.

CMA Code No. _____

ASSURANCE OF CONFIDENTIALITY

Each plant will be assigned a unique code number. The code number will be written on the bottom right-hand corner of the cover page and on the front cover of each annual survey. This code system will be used by ERM, Inc. to assure the confidentiality of all responses. When the completed quesstionaires are received, they will be coded and checked for completeness and clarity. The cover sheets will then be removed and locked in a confidential file to maintain anonymity. Thus, the survey can be processed without reference to the responding facility. Following the completion of the project, CMA will instruct ERM, Inc. to destroy the cover sheets to preserve complete confidentiality. CMA and ERM, Inc. have carefully established this system for your protection in the belief that the responses to this questionnaire will be more candid and complete once the respondent has been assured of confidentiality. Please contact Ms. Sharon Kneiss at CMA for inquiring about confidentiality or intent of this project. Ms. Kneiss's telephone number is (202) 887-1180.

INTRODUCTORY NOTE

The Chemical Manufacturers Association needs accurate and complete information about generation and disposition of hazardous waste by the chemical industry. CMA needs this information for legislative and rule-making advocacy; for evaluation of the Environmental Protection Agency's ongoing Regulatory Impact Analyses and for analyzing industrywide trends. Our goal is to establish a comprehensive "in-house" data base by continuing this survey on a periodic basis.

Obtaining consistent information from each member plant is made more difficult because of the complexity of the "definitional" sections of EPA's hazardous waste management regulations. We recognize that the diversity within the chemical industry may create uncertainty in interpretation of waste regulations on a plant-by-plant basis. This questionnaire employs the broad definition of "waste" contained in EPA's regulations -- without conceding its validity -- so as to gather the most information possible regarding progress of the

chemical industry in controlling waste generation and disposition. Therefore, to maintain reporting consistency, please pay careful attention to the definitions we have provided for each waste category.

GENERAL INSTRUCTIONS

Please pay close attention to the instructions that accompany the questions that follow. These notes attempt to clarify the terms used in the questions. This questionnaire strives for simplicity. A careful review of these definitional notes is necessary if accurate, complete, and comparable data are to be obtained.

For this questionnaire, a "plant" will include all facilities at one site, whether operated for manufacturing, waste management, research, or for combinations of these purposes.

You are requested to fill out the long form of the 1983 questionnaire if your plant disposed of more than 1,000 tons of hazardous solid waste (excluding wastewater and all underground injection wastes) during calendar year 1983. If you are uncertain with respect to this criterion, we ask that you please fill out the long form. If your plant clearly disposed of less than 1,000 tons of solid hazardous waste during 1983, you may still fill out the long form of the questionnaire if you wish, or you may request a copy of the short form from you company coordinator.

Companies may elect to have a single individual respond for all or several of their plants or have their plant managers respond separately for their respective plants. Individuals completing questionnaires for more than one plant should fill out a separate questionnaire for each plant. The combined data from several plants would provide an average value which would not be as useful as individual data for each plant. Therefore, each CMA member company should complete a separate questionnaire for each of its plants.

All questions and the places for your responses are on the right-hand pages of this questionnaire. Please place all numerical answers in the boxes (these data will be entered directly into the computer). Should any answer be too large to fit in the boxes provided, please write the value immediately above or below the appropriate response location.

We encourage you to print neatly all required responses, rather than type them. This will save time and effort on your part.

Instructions for specific questions are on the left-hand page facing the relevant question. All instructions should be carefully read.

Responses to the questions in this booklet should correspond to 1983 calendar year records and practices.

The questionnaire requires only one type of reponse: numerical. For numerical responses - fill in appropriate boxes on the right-hand page. Most responses call for quantities by weight in "as-handled" or "as-is" tons, except where noted. A ton is defined here as 2,000 pounds. Use recorded/established figures when possible. Give approximate numbers if records are unavailable. If an estimate is used, rather than a recorded/established figure, indicate this with an "E" following the boxes provided. Number responses should not leave any spaces at the right. The instructions will note when to observe decimal point locations and rounding off of numbers.

Example:

Listed hazardous waste generation (assume quantity = 50,000 tons)

CORRECT tons

INCORRECT tons

ESTIMATE tons E

Some of the responses call for codes. Refer to the indicated list of codes in the instructions and enter the appropriate code in the boxes.

Most questions request a quantity (in tons) as your response. If the appropriate quantity for your plant is zero (0), please write a zero (0) to indicate your response. Leaving the box(es) blank would not be a correct response. You will be contacted to clarify all blank responses. Therefore, please be thorough in responding to each question.

Some questions provide an "other" category for unique situations. If you use this category, please specify (briefly) what "other" represents. Please write your explanation on the bottom of the question page, noting which question your comment addresses.

Also, in the back of the questionnaire is an Appendix containing the appropriate federal regulations cited throughout the questionnaire. These have been provided for easy reference to help clarify the information being requested.

Certain questions describe specific wastes which should be either included or excluded from your response. This has been done to help avoid "double counting" and develop a "balance sheet" of waste generation versus disposal and treatment.

For an overview of the type of information requested by this questionnaire, you are referred to Table 1. You will notice that the question topics have been arranged in a logical sequence. Many of the questions are interrelated; therefore, READ ALL THE QUESTIONS BEFORE BEGINNING. This will save you time by avoiding recalculation of waste quantities which may be asked for in a subsequent question.

TABLE 1

SUMMARY OF QUESTION CATEGORIES

Section	General Topics	Question Numbers
I	General Plant Characteristics	1 through 3
II	Waste Generation	
	Hazardous Solid Waste	
	Listed Wastes	4
	Characteristic Wastes	5
	Mixture Wastes	6
	State Hazardous Waste	7
	Total Solid Hazardous Waste	8
	Wastewater Treatment Sludges	9
	Hazardous Wastewater	
	RCRA Hazardous Wastewater	10
	State Hazardous Wastewater	11
III	Hazardous Waste Treatment and Disposal Practices	
	Treatment Practices	
	Solid Waste Treatment	12
	Wastewater Treatment	13
	Disposal Practices	
	Non-Hazardous Waste	14
	Underground Injection	15
	Other Disposal Methods	16
IV	Miscellaneous Information	
	Waste from Outside Sources	17
	Mode of Waste Shipment	18
	Waste Burned in Boilers	19
V	Surface Impoundment Information	
	Does Your Plant Use Impoundments	20
	Number of Impoundments	21
	Function of Each Impoundment	22
	Size of Each Impoundment	23
	Liner System of Each Impoundment	24

SECTION I

GENERAL PLANT CHARACTERISTICS

INSTRUCTIONS

1. SIC codes starting with 28 as the first two digits represent manufacturing of "Chemicals, Allied Products". Refer to the list of codes below in order to answer the question.

2812	Alkalies and Chlorine
2813	Industrial Gases
2816	Inorganic Pigments
2818	Misc. Indus. Inorganic Chemicals
2821	Plastics Materials, Syn. Resins
2822	Synthetic Rubber
2823	Cellulosic Man-Made Fibers
2824	Synthetic Organic Fibers
2831	Biological Products
2833	Medicinal Chems., Botanical Prods.
2834	Pharmaceutical Preparations
2841	Soap and Other Detergents
2842	Specialty Cleaning, Polishing
2843	Surface Active and Finish. Agents
2844	Perfumes, Cosmetics, Toilet Preps.
2851	Paints, Varnishes, Lacquers
2861	Gum and Wood Chemicals
2865	Cyclic Crudes and Intermediates
2869	Misc. Indus. Organic Chemicals
2873	Nitrogeneous Fertilizers
2874	Phosphatic Fertilizers
2875	Fertilizers, Mixing Only
2879	Misc. Pesticides and Agric. Chems.
2891	Adhesives and Sealants
2892	Explosives
2893	Printing Ink
2895	Carbon Black
2899	Misc. Chems. and Chem. Preps.

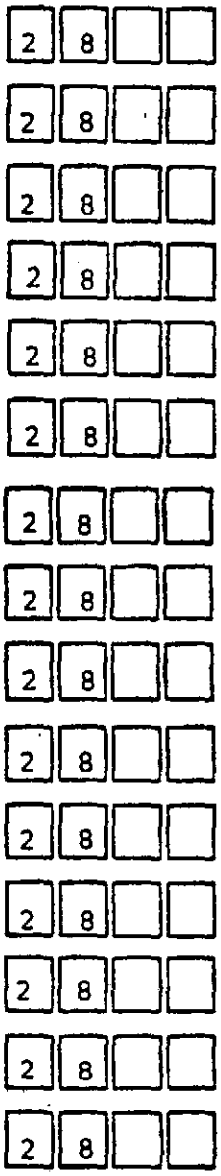
SPECIAL NOTE - it is CMA's intent that only "2800-industry" plants respond to this questionnaire. A 2800-industry is defined by the Bureau of Census as any plant whose largest source of revenue is from the manufacture of SIC 2800 products. If you are not a "2800-industry", please notify your company coordinator. Thank you.

SECTION I

GENERAL PLANT CHARACTERISTICS

QUESTIONS

1. List all the SIC codes assigned to your plant which begin with 2 8 ☐ ☐ as the first two digits. Please list your plant's primary SIC code first.



Towanda's only SIC is 3861 ("photographic equipment and supplies")

INSTRUCTIONS

2.a) Refer to 40 CFR 260.10 for definition of "Generator". Indicate with "1" in the box below your appropriate designation. Fill in only one box. If you are not a hazardous waste generator, you should complete Question No. 14 and return the form.

2.b) Consider the Treatment, Storage, or Disposal (TSD) facility(ies) in your plant for which a RCRA Part B application either has been submitted or will be submitted. Indicate with "1" in the box(es) below the appropriate hazardous waste management facility(ies).

2.c) Consider the Treatment Method(s) used on hazardous wastes at your plant. Note that more than one of the listed methods may be employed in the same treatment facility. Indicate with "1" in the box(es) below the appropriate method(s). Exclude any facilities which are permitted by Rule [40 CFR 265.1(c)(9-10)] such as totally enclosed treatment facilities, elementary neutralization units, and wastewater treatment units. Refer to regulations for specific definitions before concluding that facilities are exempt.

2.d) Refer to 40 CFR 260.10 and the instructions for Question No. 12 for the definition of "Incinerator". Report the number of hazardous waste incinerators at your plant. Note that thermal treatment is employed in incinerators. Do not include "boilers" or "industrial furnaces" in your answer.

2.e) Consider the Disposal Method(s) used on hazardous wastes at your plant. Below each listed method, enter the number of facilities at your plant which are presently in use. For example, if your plant utilizes two injection wells on-site you would respond with a "2" in the appropriate box. If your plant does not have one or more of the disposal facilities listed, please respond with a zero (0) in the appropriate box(es).

QUESTIONS

2.a) Indicate whether your plant is a generator of hazardous waste.

Hazardous Waste Generator		Generate Only Non-Hazardous Waste	
	1		

2.b) Indicate the appropriate RCRA Part B or state designation(s) your plant has or expects to apply for.

Treatment	Storage	Disposal	Not Applicable
	1		

2.c) Which of the following treatment methods are used on state or federal hazardous wastes at your plant?

Thermal Method	Chemical Method	Physical Method	Biological Method	None
				1

2.d) How many hazardous waste incinerators are at your plant?

0 0

2.e) How many of the following hazardous waste disposal facilities are currently in use at your plant?

Underground Injection	Landfill	Land Application	Disposal Surface Impoundment	Disposal Waste Piles	Other (Specify)
0 0	0	0	0	0	0

INSTRUCTIONS

3. A list of codes for states is given below. Enter the appropriate code for the state in which your plant is located.

State	Code No.	State	Code No.
Alabama	01	Montana	27
Alaska	02	Nebraska	28
Arizona	03	Nevada	29
Arkansas	04	New Hampshire	30
California	05	New Jersey	31
Colorado	06	New Mexico	32
Connecticut	07	New York	33
Delaware	08	North Carolina	34
Washington, D.C.	09	North Dakota	35
Florida	10	Ohio	36
Georgia	11	Oklahoma	37
Hawaii	12	Oregon	38
Idaho	13	Pennsylvania	39
Illinois	14	Rhode Island	40
Indiana	15	South Carolina	41
Iowa	16	South Dakota	42
Kansas	17	Tennessee	43
Kentucky	18	Texas	44
Louisiana	19	Utah	45
Maine	20	Vermont	46
Maryland	21	Virginia	47
Massachusetts	22	Washington	48
Michigan	23	West Virginia	49
Minnesota	24	Wisconsin	50
Mississippi	25	Wyoming	51
Missouri	26	Virgin Islands	52
		Puerto Rico	53

QUESTIONS

3. Indicate the state in which your plant is located. (See instructions for code numbers.)

3	9

STOP? DON'T TAKE A CHANCE. The following sections require that you read all of the questions before proceeding. Please take a few moments now to do this if you have not already done so. This will save you time in completing the survey by preventing recalculation of answers which relate to later questions.

SECTION II

WASTE GENERATION DATA

INSTRUCTIONS

Solid Waste:

4. RCRA-listed wastes are specifically identified by Subpart D of 40 CFR 261. "Each hazardous waste listed in this Subpart is assigned an EPA Hazardous Waste Number which precedes the name of the waste." Any hazardous waste generated by your plant, which can be defined by one of these numbers, should be included in responding to this question. Also, include RCRA-listed wastewater treatment sludges or sludges resulting from the treatment of RCRA-listed wastes. However, do not including the following:

   - RCRA-listed wastewaters
   - RCRA-listed wastes which are not subject to full regulations under the provisions of 40 CFR 261.5 (small generator status) or 261.6 (beneficially used, reused, recycled, or reclaimed)
   - Delisted wastes
   - Mixtures of listed hazardous wastes and other solid wastes (see Question No. 6)

5. RCRA hazardous characteristic wastes exhibit one or more of the characteristics identified in Subpart C of 40 CFR 261. Also, include RCRA hazardous characteristic wastewater treatment sludges. No part of this waste can be identified to be one or more of the hazardous wastes listed in Subpart D of 40 CFR 261 (see above instructions for Question No. 4). Also do not include the following:

   - RCRA hazardous characteristic wastewaters
   - RCRA hazardous characteristic wastes which are not subject to full regulations under the provisions of 40 CFR 261.5 or 261.6

6. RCRA mixture wastes are a mixture of a solid waste and one or more listed wastes. This mixture should also meet a definition of hazardous waste in 40 CFR Subpart A 261.3(a)(iii) and (iv). Also, include RCRA mixture wastewater treatment sludges. It must be stressed that this mixture cannot be defined as one of the two categories of RCRA wastes described above (see instructions for Questions No. 4 and 5). Also, do not include the following:

   - RCRA mixture wastewaters
   - RCRA mixture wastes which are not subject to full regulations under the provisions of 40 CFR 261.5 or 261.6

SECTION II

WASTE GENERATION DATA

QUESTIONS

Solid Waste:

4. Indicate the quantity of RCRA-listed wastes generated at your plant during the calendar year, excluding RCRA-listed hazardous wastewater, but including RCRA-listed wastewater treatment sludges or sludges resulting from the treatment of a listed waste.

☐☐☐,☐☐2,469 tons

5. Indicate the quantity of RCRA hazardous characteristic wastes generated at your plant during the calendar year, excluding RCRA hazardous characteristic wastewaters, but including RCRA characteristic wastewater treatment sludges.

☐☐☐,☐☐☐,☐99 tons

6. Indicate the quantity of RCRA mixture wastes generated at your facility during the calendar year, excluding RCRA wastewaters, but including RCRA mixture wastewater treatment sludges.

☐☐☐,☐☐☐,373 tons

INSTRUCTIONS

7. RCRA allows states to adopt more expansive definitions or listing of hazardous wastes than those adopted by the Federal government. In responding to this question, consider additional materials generated by your plant which were considered to be hazardous wastes by the state in which your plant is located. Remember to include all wastewater treatment sludges considered hazardous by your state. Do not include the following:

   - Wastewaters determined hazardous by your state
   - Any of the hazardous wastes reported in response to Questions No. 4, 5, or 6

8. No instructions necessary.

9. For further clarification, consult the regulations cited in Questions No. 4 through 7.

Wastewater:

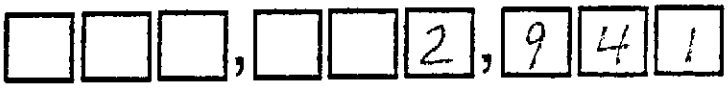
10. In response to this question, consider only the wastewaters which were not included in response to Questions No. 4 through 7. However, do not include the hazardous wastewaters which are subject to exemption from full regulations under the provisions of 40 CFR 261.3(a)(iv), 261.5, and 261.6. Be sure to include hazardous wastewater treated in tanks or sent to POTWs.

11. RCRA allows states to adopt more expansive definitions or listing of hazardous wastes than those adopted by the Federal government. In responding to this question, consider additional materials generated by your plant which were considered to be hazardous wastewater(s) by the state in which your plant is located. Be sure to include state hazardous wastewater treated in tanks or sent to POTWs.

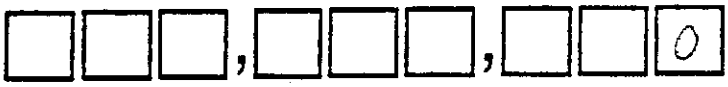
QUESTIONS

7. Indicate the quantity of solid waste generated at your plant which was considered hazardous by state regulations only, excluding wastewater which might be considered hazardous by your state, but including state hazardous wastewater treatment sludges.

8. Indicate the total quantity of hazardous waste generated at your plant during the 1983 calendar year, excluding hazardous wastewater, by totaling the values reported in Questions No. 4 through 7.



9. Indicate the quantity of all hazardous wastewater treatment sludges (i.e., listed, characteristic, mixture, and state) reported in Questions No. 4 through 7 above .



Wastewater:

10. Indicate the quantity of all RCRA hazardous wastewater (i.e., listed, characteristic, and mixture hazardous wastewater) generated at your plant during calendar year 1983.

11. Indicate the quantity of all hazardous wastewater generated at your plant which was considered hazardous by the state, but not under RCRA.

SECTION III

WASTE TREATMENT AND DISPOSAL PRACTICES

INSTRUCTIONS

12. Your response should be partitioned according to the method and location categories provided. If, for example, your facility does not incinerate hazardous waste on-site, place a zero in the far right box of that category. Please double check to see that the column totals sum correctly (RCRA and state total). Then, identify the total quantity of treated state hazardous waste separately for each column.

Please note the following points when responding to this question:

- Consider only the waste quantities included in your response to Question No. 8.

- Wastewater quantities should not be considered in response to this question. It will be accounted for in Question No. 13.

- Wastes which received chemical, physical, and/or biological treatment should be considered only if such treatment rendered the waste non-hazardous. Do not include waste quantities which were treated and rendered less hazardous. Such wastes are still subject to full regulation. "Other" treatment methods (e.g., thermal) should be reported in the "Other" category and then the treatment type specified.

- Any residue from incineration or chemical, physical, and/or biological treatment which is separately disposed of should not be included in your response to avoid double counting.

- An incinerator has the primary purpose of thermal destruction of wastes. In contrast to an incinerator, EPA considers a boiler to be a facility where the combustion chamber and heat recovery section are of "integral design", and where significant heat recovery takes place in the combustion chamber by radiant heat transfer. Simply adding waste-heat recovery units to an "incinerator" cannot make it a "boiler".

- EPA has recently issued "enforcement guidance" indicating when it will consider burning of wastes in boilers to be "sham" and not a legitimate use of such materials as fuel. Burning a waste with "little or no heating value" together with other fuel materials will be considered to be incineration, subject to full regulation. In light of this guidance, for purposes of this questionnaire, respondents should include any wastes that have a heating value of less than 5,000 BTUs per pound, the stated heating value of low-energy commercial fuels, burned in boilers or industrial furnaces. Such low-BTU materials should be identified as having been "incinerated".

- EPA's enforcement policy also deals with fuel blenders. The Agency will not consider legitimate the sale or transfer for use as fuel of any waste with a heating value of less than 5,000 BTUs per pound. If such low-BTU material was sold to a commercial facility for burning, it should be listed as having been incinerated, even if it was burned in a boiler or industrial furnace.

- Please note that all wastes legitimately burned as fuel in boilers should be reported in Question No. 19. Therefore, include only wastes which were or should have been incinerated in the appropriate boxes. Please try to avoid double counting.

SECTION III

WASTE TREATMENT AND DISPOSAL PRACTICES

QUESTIONS

Treatment:

12. Indicate the quantity (tons) of RCRA and state solid hazardous waste treated for each of the categories listed below. Do not include RCRA or state hazardous waste-water.

	Company-Owned		Commercial
	On-Site (tons)	Off-Site (tons)	Tons
Incinerated	,0	,41	,36
Chemical/ Physical/ Biological Treatment	,0	,0	,26
Other Treatment (specify)	,0	,0	,0
Column Totals (RCRA and State Wastes)	,0	,41	,56
State Hazardous Waste Only	,0	,0	,0

INSTRUCTIONS

13. Your response should be partitioned according to the method and location categories provided. If, for example, your facility does not treat hazardous waste at an on-site NPDES facility, place a zero in the far right box of that category. Please double check to see that the column totals sum to the values which you will place below the data matrix (RCRA and state totals). Then, identify the total quantity of state hazardous wastewater separately for each column.

    Please note the following points when responding to this question:

    - Consider only the wastewater quantities included in your response to Questions No. 10 and 11.

    - Any residue from treatment or pretreatment which is separately disposed of should not be included in your response to avoid double counting.

QUESTIONS

13. Indicate the quantity (tons) of RCRA and state hazardous wastewater which your plant sent to the following types of treatment facilities during the calendar year 1983.

	On-Site	Off-Site: Company-Owned	Off-Site: Commercial
NPDES Facility in tanks only	□□□,□□0	□□□,□□0	□□□,□□0
Wholly or partially in impoundments	□□□,□□0	□□□,□□0	□□□,□□0
POTW Facility (wastewaters pretreated at your facility) in tanks only	□□□,□□0	□□□,□□0	□□□,□□0
Wholly or partially in impoundments	□□□,□□0	□□□,□□0	□□□,□□0
Other (specify) (e.g., solar evaporation ponds)	□□□,□□0	□□□,□□0	□□□,□□0
Column Totals (RCRA and State Wastewaters)	□□□,□□0	□□□,□□0	□□□,□□0
State Hazardous Wastewater Only	□□□,□□0	□□□,□□0	□□□,□□0

INSTRUCTIONS

14. Your answer should include only non-hazardous wastes which are part of a SIC 2800 manufacturing process. Waste trash (e.g., paper, garbage, etc.) and wastewater should not be included. It is also important to include solid wastes excluded from regulation as a hazardous waste under the provisions of 40 CFR 261.4(b)(2-9). If any of these materials have been generated by your plant, report the quantity of these materials in response to the present question, even though they may be considered hazardous by the state. These exclusions include the following solid wastes which would be applicable to CMA members:

- Mining overburden returned to the mine site.
- Fly ash waste, bottom ash waste, slag waste, and flue gas emission control waste generated primarily from the combustion of coal or other fossil fuels.
- Drilling fluids, produced waters, and other wastes associated with the exploration, development, or production of crude oil, natural gas, or geothermal energy.
- Solid waste from extraction, beneficiation, and processing of ores and minerals.
- Cement kiln dust waste.

15. Your response should be partitioned according to the categories provided. If, for example, your facility does not underground inject state hazardous waste on-site, place a zero in the far right box of that category. Please double check to see that both the row totals ("as-is" and "dry" tons) sum to the correct total values which you will place in the lower right-hand corner of the data matrix.

Please note the following points when responding to this question:

- Consider only the solid waste and wastewater quantities included in your response to Questions No. 8, 10, and 11.
- You will note that both "as-is" tons and "dry" tons are requested. We are asking you to report dry tons because this is the basis for calculating the CERCLA post-closure liability trust fund and may be used to assess a CERCLA waste end tax. This information can be utilized to evaluate the EPA's data. Therefore, it is most important that both units of measure be reported. (Dry tons is defined here to be the "as-is" weight of the material minus the weight of free water.)

QUESTIONS

Disposal:

14. Indicate the quantity of non-hazardous process waste disposed of at your plant, excluding wastewater and trash. □□□,□□1,938 tons

15. Indicate the quantity (tons) of RCRA and state hazardous waste disposed of by underground injection for each of the categories listed below.

	Company-Owned On-Site (tons)	Company-Owned Off-Site (tons)	Commercial (tons)	Row Totals	
RCRA Waste	□□□,□□0	□□□,□□0	□□□,□□0	□□□,□□0	"as-is" tons
	□□□,□□0	□□□,□□0	□□□,□□0	□□□,□□0	dry tons
State Waste	□□□,□□0	□□□,□□0	□□□,□□0	□□□,□□0	"as-is" tons
	□□□,□□0	□□□,□□0	□□□,□□0	□□□,□□0	dry tons
RCRA and State Total				□□□,□□0	"as-is" tons
RCRA and State Total				□□□,□□0	dry tons

INSTRUCTIONS

16. Your response should be partitioned according to the method and location categories provided. If, for example, your facility does not landfill hazardous waste on-site, place a zero in the far right box of that category. Please double check to see that both the row totals and column totals sum to the same grand total value which you will place in the lower right-hand corner of the data matrix. You should compute and double check the grand totals for both "as-is" and "dry" tons. Then, indicate separate column totals for the state hazardous waste quantity only.

    Please note the following points when responding to this question:

    - Consider only the waste quantities included in your response to Question No. 8.

    - Wastewater quantities should not be considered in response to this question.

    - Whether materials are being treated, stored, or disposed of in a surface impoundment may involve close questions of judgment. Please try to avoid "double counting". Generally materials are disposed of in an impoundment, if the owner or operator intends that the materials remain there upon closure.

    - As with surface impoundments that may be used either for storage or disposal, judgment must be exercised regarding materials placed on waste piles. Please try to avoid double counting.

    - You will note that both "as-is" tons and "dry" tons are requested for several categories. Dry tons is defined here to be the "as-is" weight of the material minus the weight of free water.

    - Do not include underground injected wastes in your response. These wastes should have been reported in response to Question No. 15.

QUESTIONS

16.a Indicate the quantity (tons) of RCRA and state solid hazardous waste disposal (excluding wastewater) for each of the categories listed below.

	Company-Owned On-Site (tons)	Company-Owned Off-Site (tons)	Commercial (tons)	Row Totals	
Disposed of in Landfill	0 0	0 0	2,870 2,845 E	2,870 2,845 E	"as-is" tons dry tons
Disposed of in Surface Impoundment	0 0	0 0	0 0	0 0	"as-is" tons dry tons
Disposed of in Waste Pile	0 0	0 0	0 0	0 0	"as-is" tons dry tons
Land Application	0 0	0 0	0 0	0 0	"as-is" tons dry tons
Ocean Dumping	0 0	0 0	0 0	0 0	"as-is" tons dry tons
Other Disposal (specify)	0 0	41 0	30 0	71 0	"as-is" tons dry tons
Column Totals (RCRA and State)	0 0	41 0	2,900 2,845 E	2,941 2,845 E	"as-is" tons dry tons
State Hazardous Only	0 0	0 0	0 0	0 0	"as-is" tons dry tons

16.b Indicate the quantity (as-is tons) of waste reported in 16a, if any, which was disposed of in connection with a special non-routine cleanup action (e.g., site cleanup).

372 "as-is" tons

INSTRUCTIONS

17. For the purpose of this question, treatment is considered to include: thermal (including incineration), chemical, physical, and biological methods. Disposal methods include: underground injection, landfills, land treatment, ocean disposal, surface impoundments to be closed as landfills, waste piles, and wastewater treatment plants.

18. For the purpose of this question, "bulk" shipment is defined as any containerized quantity greater than 110 gallons. Wastes shipped in containers smaller than 110 gallons should be reported under the "container" category.

19. In contrast to an incinerator, EPA considers a boiler to be a facility where the combustion chamber and heat recovery section are of "integral design", and where significant heat recovery takes place in the combustion chamber by radiant heat transfer. Simply adding waste-heat recovery units to an "incinerator" cannot make it a "boiler".

    EPA has recently issued "enforcement guidance" indicating when it will consider burning of wastes in boilers to be "sham" and not a legitimate use of such materials as fuel. Burning a waste with "little or no heating value" together with other fuel materials will be considered to be incineration, subject to full regulation. In light of this guidance, for purposes of this questionnaire, respondents should not include any wastes that have a heating value of less than 5,000 BTUs per pound, the stated heating value of low-energy commercial fuels, burned in boilers or industrial furnaces. Such low-BTU materials should be identified as having been "incinerated".

SECTION IV

MISCELLANEOUS INFORMATION

QUESTIONS

17. Indicate the quantity of hazardous waste your plant may have received from other sources which was treated or disposed of at your plant during calendar year 1983.

	(tons) From Company-Owned Generator	(tons) From Non-Company-Owned Generators
Treatment, Disposal	□□□,□□□,□□0	□□□,□□□,□□0

18. Indicate the quantity of hazardous waste reported in Questions No. 8, 10, and 11 shipped from your plant by bulk or container.

Bulk (>110 gals) □□□,□□□,□□0 tons

Container □□□,□□□,□□0 tons

19. Indicate the quantity of hazardous waste (solid and wastewater) burned in on-site boilers.

RCRA Waste □□□,□□□,□□0 tons

State Hazardous Waste □□□,□□□,□□0 tons

Number of On-Site Boilers Burning Hazardous Waste 0 0

SECTION V

SURFACE IMPOUNDMENT INFORMATION

INSTRUCTIONS

20. Surface impoundment or impoundment means a facility or part of a facility which is a natural topographic depression, man-made excavation, or diked area formed primarily of earthen materials which is designed to hold an accumulation of liquid wastes or wastes containing free liquids, and which is not an injection well. Examples of surface impoundments are holding, storage, settling and aertion pits, ponds, or lagoons (40 CFR Part 260, Section 260.10).

    This survey seeks information on the number and characteristics of surface impoundments that are used to treat, store, or dispose of RCRA hazardous waste. Do not include surface impoundments that are not used for hazardous waste activities.

21. Please indicate the number of surface impoundments used for hazardous waste activities at this facility.

SECTION V

SURFACE IMPOUNDMENT INFORMATION

QUESTIONS

20. Does your facility use RCRA impoundments to treat, store, or dispose of hazardous waste? Enter a one (1) in the appropriate box.

Yes ☐ No [1]

If your response is "No", you may skip Questions No. 21 through 24 and return the completed form. If your response is "Yes", please answer Questions No. 21 through 24.

21. How many RCRA surface impoundments does your facility have?

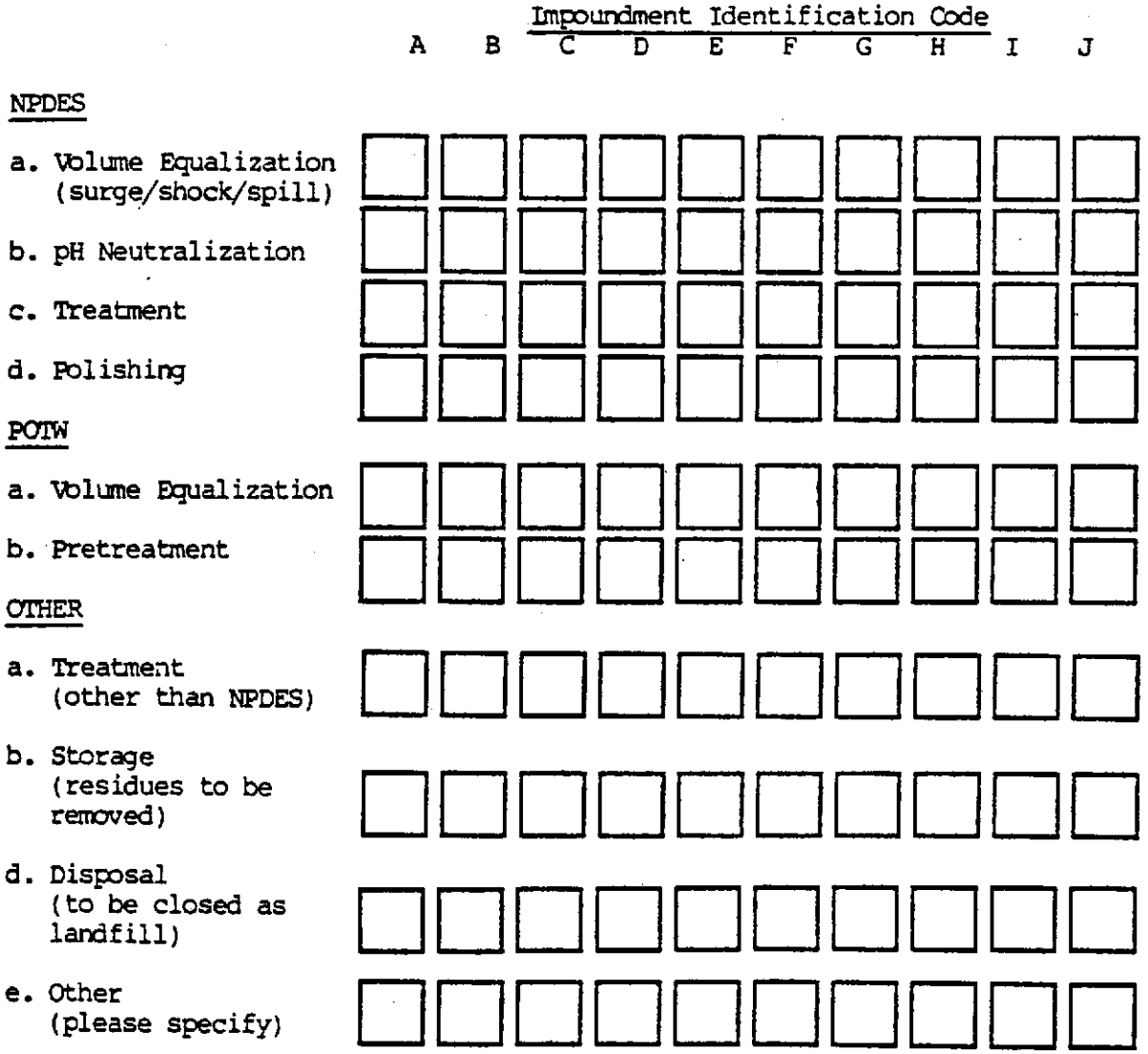
☐☐

INSTRUCTIONS

22. For the purpose of this survey, please describe the function of each surface impoundment by its use at the facility. This is different from the Federal RCRA definition as no distinction is made between flow through equalization basins and impoundments used for long-term storage of hazardous waste. The 90-day storage period (40 CFR 262.34) applies only to tanks and drums, not to surface impoundments.

QUESTIONS

22. Place a one (1) in each box(es) that most accurately describe the function of each RCRA-permitted surface impoundment at your plant. Use a separate column to describe each surface impoundment.



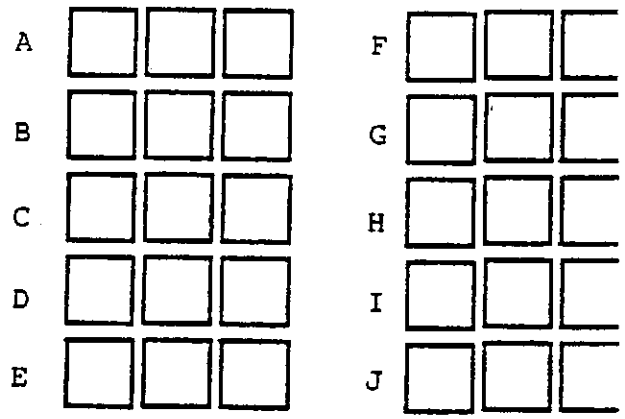
INSTRUCTIONS

23. Please be consistent in your use of ID letter codes between Questions No. 22 and 23. For example, the surface acreage and total capacity indicated for impoundment "A" in this question should correspond to the same impoundment designated as "A" in Question No. 22 (surface impoundment function).

QUESTIONS

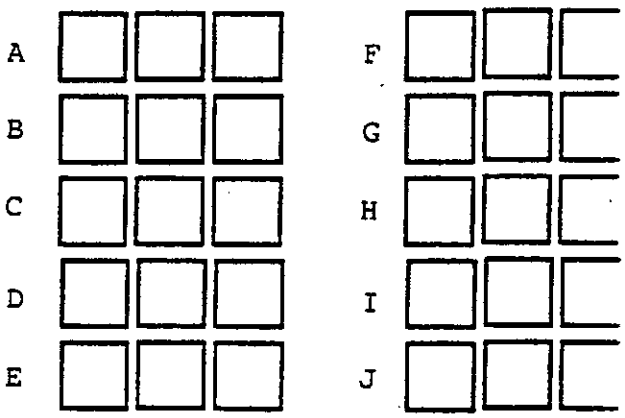
23a. Indicate the surface area of each impoundment at your plant (acres):

(1 acre = 43,560 sq. ft.)



23b. Indicate the total capacity of each impoundment at your plant (in million gallons).

(Note: Capacity should be based on impoundment surface area and average depth to liner or original bottom.)



INSTRUCTIONS

24. Please be consistent in your use of ID letter codes when referring to your plant's surface impoundments. Each letter designation in this question should refer to the same impoundment as in Questions No. 22 and 23.

QUESTIONS

24. Place a one (1) in the boxes that best describe the lining of the hazardous waste surface impoundment(s) at your plant.

	Impoundment Identification Code									
	A	B	C	D	E	F	G	H	I	J
a. unlined										
b. clay lined (natural or installed clay liner)										
c. combination clay and synthetic liner										
d. single synthetic liner										
e. double synthetic liner										
f. other liner type (specify)										
g. with a leak detection system										

CMA SOLID WASTE SURVEY

QUESTIONNAIRE

CONFIDENTIAL INFORMATION

Parent Company Name E. I. Dupont [illegible] (Inc.)

Subsidiary Name _____

Plant Name & Address Photo Products

[illegible]

[illegible]

_____ Zip

Contact Name [illegible]

Title [illegible]

Telephone Number [illegible]

We encourage you to make a thorough and complete response to this questionnaire. CMA staff and the ERM Group will be reviewing your responses and contacting you to clarify any ambiguities. The confidential information will not be released to anyone outside the CMA or ERM staffs.

Please call Kent E. Patterson, P.E., Principal, of ERM, Inc., West Chester, PA at 215/696-9110 if you have any questions regarding this questionnaire.

CMA Code No. _____

ASSURANCE OF CONFIDENTIALITY

Each plant will be assigned a unique code number. The code number will be written on the bottom right hand corner of the cover page and on the front cover of each annual survey. This code system will be used by ERM, Inc. to assure the confidentiality of all responses. When the completed questionnaires are received, they will be coded and checked for completeness and clarity. The cover sheets will then be removed and locked in a confidential file to maintain anonymity. Thus, the survey can be processed without reference to the responding facility. Following the completion of the project, CMA will instruct ERM, Inc. to destroy the cover sheets to preserve complete confidentiality. CMA and ERM, Inc. have carefully established this system for your protection in the belief that the response to this questionnaire will be more candid and complete once the respondent has been assured of confidentiality. Please contact Ms. Janet Matey at CMA for enquiring about confidentiality or intent of this project. Ms. Matey's telephone number is 202/887-1180.

INTRODUCTORY NOTE

The Chemical Manufacturers Association needs accurate and complete information about generation and disposition of hazardous waste by the chemical industry. CMA needs this information for legislative and rulemaking advocacy; for evaluation of the Environmental Protection Agency's on-going Regulatory Impact Analyses; and for assessing "waste end" tax proposals to fund various cleanup or compensatory schemes; and for analyzing industry-wide trends. Our goal is to establish a comprehensive "in-house" data base by continuing this survey on an annual basis.

CMA has designed the following questionnaire to be as simple as possible without sacrificing accuracy and completeness. CMA seeks information to answer the following questions:

- how much hazardous waste is actually generated by the chemical industry;
- how much of this waste is used, re-used, recycled or reclaimed in lieu of discard;
- how much is subjected to advanced methods of treatment, such as incineration; and
- how much is sent to land disposal.

We also wish to learn the extent to which such waste-related activities are conducted by the original generator or by others.

Obtaining consistent information from each member plant is made more difficult because of the complexity of the "definitional" sections of EPA's hazardous waste management regulations. We recognize that the diversity within the chemical industry may create uncertainty in interpretation of waste regulations on a plant-by-plant basis. This questionnaire employs the broad definition of "waste" contained in EPA's regulations -- without conceding its validity -- so as to gather the most information possible regarding progress of the chemical industry in controlling waste generation and disposition. Therefore, to maintain reporting consistency, please pay careful attention to the definitions we have provided for each waste category.

GENERAL INSTRUCTIONS

The hazardous waste management regulations apply to "persons" who generate, transport, store, treat or dispose hazardous wastes. "Person" is defined to include any individual, partnership, firm, association or corporation. (40 CFR 260.10.) Thus a single "person", such as a corporation, may be a generator at numerous plant sites and may be an owner or operator of numerous hazardous waste management facilities. For this questionnaire, a "plant" will include all facilities at one site, whether operated for manufacturing, waste management, research or for combinations of these purposes.

Companies may elect to have a single individual respond for all or several of their plants or have their plant managers respond separately for their respective plants. Individuals completing 1981 & 1982 questionnaires for more than one plant should fill out a separate questionnaire for each plant for each year. The combined data from several plants would provide an average value which would not be as useful as individual data for each plant. Therefore, each CMA member company should complete separate 1981 & 1982 questionnaires for each of its plants that generates hazardous waste.

Two questionnaires have been provided for each plant. The questionnaires ask identical questions with the exception that one is to be used for 1981 data and the second for 1982 data. The questionnaires have the year well marked on the cover page. When filling out these surveys, please make a conscious effort to ensure that the data are not transposed.

All questions and the places for your responses are on the right hand pages of this questionnaire. Please place all numerical answers in the boxes (these data will be entered directly into the computer).

Instructions for specific questions are on the left hand page facing the relevant question. All instructions should be carefully read as some questions are deceptively simple.

Please pay close attention to the instructions that accompany the questions that follow. These notes attempt to clarify the terms used in the questions. This questionnaire strives for simplicity. A careful review of these definitional notes is necessary if accurate, complete and comparable data are to be obtained.

We encourage you to print neatly all required responses, rather than type them. This will save time and effort on your part.

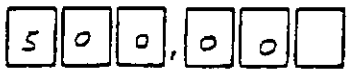
Responses to the questions in this booklet should correspond to calendar year records and practices.

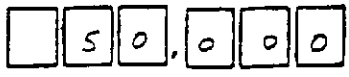
The questionnaire requires only one type of response: numerical. For numerical responses - fill in appropriate boxes on the right-hand page. Most responses call for quantities by weight in "as-handled" tons. A ton is defined here as 2000 lbs. Use recorded/established figures when possible. Give approximate numbers if records are unavailable. If an estimate is used, rather than a recorded/established figure, indicate this with an "E" following the boxes provided. Number responses should not leave any spaces at the right. The instructions will note when to observe decimal point locations and rounding off of numbers.

Example:

Plant production in tons (assume production = 50,000 tons)

CORRECT tons

INCORRECT  tons

ESTIMATE  tons E

Some of the responses call for codes. Refer to the indicated lists of codes in the instructions and enter the appropriate code in the boxes.

There are several blank pages in the back of this questionnaire which provide ample space for a complete response. If any of the blank pages are used for a response, please identify with the appropriate question number.

Also, in the back of the questionnaire is an Appendix containing the appropriate federal regulations cited throughout the questionnaire. These have been provided for easy reference to help clarify the information being requested.

Certain questions describe specific wastes which should be either included or excluded from your response. This has been done to help avoid "double-counting" and develop a "balance sheet" of waste generation versus waste disposition.

For an overview of the type of information requested by this questionnaire, you are referred to Table 1. You will notice that the question topics have been arranged in a logical sequence. Many of the questions are interrelated; therefore, READ ALL THE QUESTIONS BEFORE BEGINNING. This will save you time by avoiding recalculation of waste quantities which may be asked for in a subsequent question.

Table 1

Summary of
Question Categories

Section Number	Question Topics	Question Number(s)
I	General Plant Characteristics	1-3
II	Waste Generation	
	RCRA Hazardous Wastes	
	Listed Wastes	4
	Characteristic Wastes	5
	Mixture Wastes	6
	State Hazardous Wastes	7
	Hazardous Wastewater	8
	Exempt Solid Wastes	9
	Small Generator Wastes	10
	Non-Hazardous Process Wastes	11
	Total Hazardous Waste Quantity	12
III	Beneficially Used, Re-Used, Recycled, Reclaimed Wastes	13
	Information is categorized by method and location	
IV	Hazardous Waste Treatment and Disposal	
	Solid Waste (by method and location)	14
	Wastewater (by type of facility)	15
V	Miscellaneous Information	
	Waste from Outside Sources	16
	Mode of Waste Shipment	17
VI	Waste Disposal Costs (Optional) by method and location	18

SECTION I

GENERAL PLANT CHARACTERISTICS

INSTRUCTIONS

1. a) SIC codes starting with 28 as the first two digits represent manufacturing of "Chemicals, Allied Products". Refer to the list of codes below in order to answer the question.

3861 per CCG 1-25-83

	2812	Alkalies and Chlorine
	2813	Industrial Gases
	2816	Inorganic Pigments
	2819	Misc. Indus. Inorganic Chemicals
	2821	Plastics Materials, Syn. Resins
	2822	Synthetic Rubber
	2823	Cellulosic Man-Made Fibers
	2824	Synthetic Organic Fibers
	2831	Biological Products
	2833	Medicinal Chems., Botanical Prods.
	2834	Pharmaceutical Preparations
	2841	Soap and Other Detergents
	2842	Specialty Cleaning, Polishing
?	2843	Surface Active and Finish. Agents
	2844	Perfumes, Cosmetics, Toilet Preps.
	2851	Paints, Varnishes, Lacquers
	2861	Gum and Wood Chemicals
	2865	Cyclic Crudes and Intermediates
	2869	Misc. Indus. Organic Chemicals
	2873	Nitrogenous Fertilizers
	2874	Phosphatic Fertilizers
	2875	Fertilizers, Mixing Only
	2879	Misc. Pesticides and Agric. Chems.
	2891	Adhesives and Sealants
	2892	Explosives
	2893	Printing Ink
	2895	Carbon Black
?	2899	Misc. Chems. and Chem. Preps.

SPECIAL NOTE - it is CMA's intent that only "2800-industry" plants respond to this questionnaire. A 2800-industry is defined by the Bureau of Census as any plant whose largest source of revenue is from the manufacture of SIC 2800 products. If you are not a "2800-industry", please notify your company coordinator. Thank you.

Duncan's 1982

SECTION 1

GENERAL PLANT CHARACTERISTICS

QUESTIONS

1. a) List all the SIC codes assigned to your plant which begin with [2][8][ ][ ] as the first two digits.

[2][8][ ][ ]
[2][8][ ][ ]
[2][8][ ][ ]
[2][8][ ][ ]
[2][8][ ][ ]
[2][8][ ][ ]
[2][8][ ][ ]
[2][8][ ][ ]
[2][8][ ][ ]
[2][8][ ][ ]
[2][8][ ][ ]
[2][8][ ][ ]
[2][8][ ][ ]
[2][8][ ][ ]
[2][8][ ][ ]

INSTRUCTIONS

1. b) "Non-2800" SIC codes indicate manufacture of products other than "Chemicals & Allied Products." Refer to the following categorization of manufactured products. Use the beginning code number of the appropriate SIC series in order to answer the question.

For example, if your plant manufactures one or more products in the 2000-2099 series (i.e., Food and Kindred Products), you would respond by writing 2 0 0 0 in the boxes provided.

SIC Codes	Category of Products
2000-2099	Food and Kindred Products
2100-2199	Tobacco Products
2200-2299	Textile Mill Products
2300-2399	Apparel, Textile Products
2400-2499	Lumber and Wood Products
2500-2599	Furniture and Fixtures
2600-2699	Paper and Allied Products
2700-2799	Printing and Publishing
2900-2999	Petroleum, Refining, Related
3000-3099	Rubber, Misc. Plastic Prods.
3100-3199	Leather, Leather Products
3200-3299	Stone, Clay, Glass, Concrete
3300-3399	Primary Metal Industries
3400-3499	Fabricated Metal Products
3500-3599	Machinery, Except Electricals
3600-3699	Electrical, Electronic, Mach.
3700-3799	Transportation Equip.
3800-3899	Measuring, Controlling, and Analyzing Instruments; Photographic, Medical and Optical Goods; Watches and Clocks
3900-3999	Misc. Manufacturing

1. c) Research and development laboratories of companies which manufacture the products developed from their research activities are classified as auxiliary to the manufacturing establishments served. Indicate with "1" in the appropriate box if your plant has a chemical R&D facility.

2. a) Refer to 40 CFR 260.10 for definition of "Generator" and to 40 CFR 261.5 for definition of "Small Quantity Generator". Indicate with "1" in the box below your appropriate designation. Fill in only one box. If you are a small quantity generator, you should still complete the entire questionnaire.

2. b) Consider the Treatment, Storage or Disposal (TSD) facility(ies) in your plant for which a RCRA Part B application either has been submitted or will be submitted. Indicate with "1" in the box(es) below the appropriate hazardous waste management facility(ies).

QUESTIONS

1. b) List all the SIC codes assigned to your plant which do not begin with [2][8][ ][ ] as the first two digits.

[3][8][6][1]
[ ][ ][ ][ ]
[ ][ ][ ][ ]
[ ][ ][ ][ ]
[ ][ ][ ][ ]
[ ][ ][ ][ ]

1. c) Does your plant carry out Research and Development (R&D) and/or manufacturing operations in the "Chemicals, Allied Products" category? (IMPORTANT - Read Instructions First)

R&D Only [1] Manufacturing Plant Only [ ] Research & Manufacturing [ ]

2. a) Indicate whether your plant is a generator or small quantity generator of hazardous waste or does not generate hazardous waste.

Hazardous Waste Generator [1] Small Quantity Generator [ ] Generate Only Non-Hazardous Waste [ ]

2. b) Indicate the appropriate RCRA Part B or State designation(s) your plant has or expects to apply for.

Treatment	Storage	Disposal	Not Applicable
[ ]	[1]	[ ]	[ ]

INSTRUCTIONS

2. c) Consider the Treatment Method(s) used on hazardous wastes at your plant. Note that more than one of the listed methods may be employed in the same treatment facility. Indicate with "1" in the box(es) below the appropriate method(s). Exclude any facilities which are permitted by Rule [40 CFR 265.1(c)(9-10)] such as totally enclosed treatment facilities, elementary neutralization units, and wastewater treatment units.

2. d) Refer to 40 CFR 260.10 and the instructions for question 14 (p. 17) for definition of "Incinerator". Report the number of hazardous waste incinerators at your plant. Note that thermal treatment is employed in incinerators. Do not include "boilers" or "industrial furnaces" in your answer.

2. e) Consider the Disposal Method(s) used on hazardous wastes at your plant. Below each listed method, enter the number of facilities at your plant which are presently in use. For example, if your plant utilizes two injection wells on-site you would respond with a "2" in the appropriate box. If your plant does not have one or more of the disposal facilities listed, please respond with a zero (0) in the appropriate box(es).

3. A list of codes for states is given below. Enter the appropriate code for the state in which your plant is located.

State	Code No.	State	Code No.
Alabama	01	Montana	27
Alaska	02	Nebraska	28
Arizona	03	Nevada	29
Arkansas	04	New Hampshire	30
California	05	New Jersey	31
Colorado	06	New Mexico	32
Connecticut	07	New York	33
Delaware	08	North Carolina	34
Washington, DC	09	North Dakota	35
Florida	10	Ohio	36
Georgia	11	Oklahoma	37
Hawaii	12	Oregon	38
Idaho	13	Pennsylvania	39
Illinois	14	Rhode Island	40
Indiana	15	South Carolina	41
Iowa	16	South Dakota	42
Kansas	17	Tennessee	43
Kentucky	18	Texas	44
Louisiana	19	Utah	45
Maine	20	Vermont	46
Maryland	21	Virginia	47
Massachusetts	22	Washington	48
Michigan	23	West Virginia	49
Minnesota	24	Wisconsin	50
Mississippi	25	Wyoming	51
Missouri	26	Virgin Islands	52
		Puerto Rico	53

Treatment (TRT)

QUESTIONS

2. c) Which of the following treatment methods are used on state or federal hazardous wastes at your plant?

Thermal Method	Chemical Method	Physical Method	Biological Method	None
☐	☐	☐	☐	1

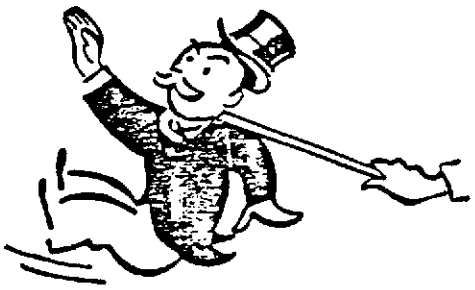
2. d) How many hazardous waste incinerators are at your plant? 0

2. e) How many of the following hazardous waste disposal facilities are currently in use at your plant?

Underground Injection	Landfill	Land Application	Surface Impoundment	Waste Piles	Other
0	0	0	0	0	0

3. Indicate the state in which your plant is located. (See instructions for code numbers.)

39



STOP! DON'T TAKE A CHANCE. The following sections require that you read all of the questions before proceeding. Please take a few moments now to do this if you have not already done so. This will save you time in completing the survey by preventing recalculation of answers which relate to later questions.

SECTION II

WASTE GENERATION DATA

INSTRUCTIONS

4. RCRA listed wastes are specifically identified by Subpart D of 40 CFR 261. "Each hazardous waste listed in this Subpart is assigned an EPA Hazardous Waste Number which precedes the name of the waste." Any hazardous waste generated by your plant, which can be defined by one of these numbers, should be included in responding to this question. However, do not include the following:

   - RCRA listed wastewaters
   - RCRA listed wastes which are not subject to full regulations under the provisions of 40 CFR 261.5 (small generator status) or 261.6 (beneficially used, re-used, recycled, or reclaimed)
   - Delisted wastes.

   Please note that used, re-used, recycled, or reclaimed wastes will be considered in question 13.

5. RCRA hazardous characteristic wastes exhibit one or more of the characteristics identified in Subpart C of 40 CFR 261. No part of this waste can be identified to be one or more of the hazardous wastes listed in Subpart D of 40 CFR 261 (see above instructions for Question No. 4). Also do not include the following:

   - RCRA hazardous characteristic wastewaters
   - RCRA hazardous characteristic wastes which are not subject to full regulations under the provisions of 40 CFR 261.5 or 261.6.

6. RCRA mixture wastes are a mixture of a solid waste and one or more listed wastes. This mixture should also meet a definition of hazardous waste in 40 CFR Subpart A 261.3(a)(iii) & (iv). It must be stressed that this mixture cannot be defined as one of the two categories of RCRA wastes described above (see instructions for Question No. 4 and No. 5). Also, do not include the following:

   - RCRA mixture wastewaters
   - RCRA mixture wastes which are not subject to full regulations under the provisions of 40 CFR 261.5 or 261.6.

7. RCRA allows states to adopt more expansive definitions or listing of hazardous wastes than those adopted by the Federal government. While responding to this question, consider additional materials generated by your plant which were considered to be hazardous wastes by the state in which your plant is located. Also, do not include the following:

   - Wastewaters determined hazardous by your state
   - Any of the hazardous wastes reported in response to question numbers 4, 5, or 6.

8. In response to this question, consider only the wastewaters which were not included in response to question numbers 4-7. However, do not include the hazardous wastewaters which are subject to exemption from full regulations under the provisions of 40 CFR 261.3(a)(iv), 261.5 and 261.6.

Interim Unit 1982

SECTION II

WASTE GENERATION DATA

QUESTIONS

4. Indicate the quantity of RCRA listed wastes generated at your plant during the calendar year, excluding RCRA listed hazardous wastewater.

□□□,□□□,360 tons

5. Indicate the quantity of RCRA hazardous characteristic wastes generated at your plant during the calendar year, excluding RCRA hazardous characteristic wastewaters.

□□□,□□□,□60 tons

6. Indicate the quantity of RCRA mixture wastes generated at your facility during the calendar year, excluding all wastewaters, even if considered hazardous by state or federal regulations.

□□□,□□□,□□0 tons

7. Indicate the quantity of solid waste generated at your plant which was considered hazardous by state regulations only, excluding wastewater which might be considered hazardous by your state.

□□□,□□□,□□0 tons

8. Indicate the quantity of all hazardous wastewater (i.e., listed, characteristic, mixture, and state hazardous wastewater) generated at your plant during the calendar year.

□□□,□□1,??? tons

INSTRUCTIONS

9. These solid wastes are subject to exclusion from regulation as a hazardous waste under the provisions of 40 CFR 261.4 (b)(2-9). If any of these materials have been generated by your plant report the quantity of these materials in response to the present question, even though they may be considered hazardous by the state. These exclusions include the following solid wastes which would be applicable to CMA members:

    - Mining overburden returned to the mine site.
    - Fly ash waste, bottom ash waste, slag waste, and flue gas emission control waste generated primarily from the combustion of coal or other fossil fuels.
    - Drilling fluids, produced waters, and other wastes associated with the exploration, development, or production of crude oil, natural gas or geothermal energy.
    - Solid waste from extraction, beneficiation and processing of ores and minerals.
    - Cement kiln dust waste.

10. Respondents to this question should have indicated their designation as Small Quantity Generators in response to question 2a.

11. No instructions necessary.

12. No instructions necessary.

Towanda [illegible]

QUESTIONS

9. Indicate the quantity of waste generated at your plant considered non-hazardous under 40 CFR Part 261 Subpart A 261.4(b)(2-9).

[ ][ ][ ],[ ][ ][ ],[ ][ ][0] tons

10. Indicate the quantity of hazardous waste generated at your plant which was exempt from RCRA regulation by small quantity generator status [40 CFR Part 261 Subpart A 261.5].

[ ][0] tons

11. Indicate the quantity of non-hazardous process waste generated at your plant, excluding non-hazardous wastewater, trash, and the wastes already reported in question 9.

[ ][ ][ ],[ ][ ][1],[1][1][9] tons

12. Indicate the total quantity of hazardous waste generated at your plant during the calendar year, excluding hazardous wastewater, by totaling the values reported in questions 4-7.

[ ][ ][ ],[ ][ ][ ],[4][2][0] tons

SECTION III

HAZARDOUS WASTE USE, RE-USE, RECYCLE, RECLAIM DATA

INSTRUCTIONS

13. Respondents to this question should have excluded hazardous wastes which were "beneficially used or re-used, or legitimately recycled or reclaimed" from all previous answers. Tabulate these quantities in response to the present question. These wastes are not subject to regulations under the provisions of 40 CFR 261.6(a). In the absence of sufficient information, provide estimates in the required format. Note that your response should include materials which are "physically, chemically, or biologically treated prior to use or re-use or legitimate recycling or reclamation", so long as these wastes are not subject to full regulations. Some examples of wastes which are treated before reclamation are: solvents, catalysts, carbon, etc. Do not include wastes which your plant may have recycled, reclaimed, etc., but did not originally generate. Any wastes recycled, reclaimed, etc. from outside sources will be considered in question 16 (see p. 22). Please note that for the purpose of this question, a waste should not be considered a "fuel" unless it has a heat value of 5000 BTUs per pound or greater. (See instructions to question 14, p. 17, if further clarification is needed.)

    Your response should be partitioned according to the method and location categories provided. If a particular category does not pertain to your plant, respond with a zero. A value must be reported for all categories including the row and column totals even if the value is zero. Please double check to see that both the row totals and column totals sum to the same value which you will place in the lower right hand corner of the data matrix.

SECTION III

HAZARDOUS WASTE USE, RE-USE, RECYCLE, RECLAIM DATA

QUESTIONS

13. Indicate the quantity (tons) of hazardous waste generated which was beneficially used, re-used, recycled or reclaimed during the calendar year. Place a zero in the far right box for those categories which do not pertain to your plant.

Method	Waste Subcategory	Company Owned/Operated Facility		Commercial Facility	Other (e.g. county, state or parent company owned)	Row Totals
		On-Site	Off-Site			
Direct Placement (e.g. dust suppressant or fertilizer)	Listed, Mixture & State Hazardous					
	Characteristic					
Burned as Fuel	Listed, Mixture & State Hazardous					
	Characteristic					
Used as Raw Process Material	Listed, Mixture & State Hazardous					
	Characteristic					
Treated then Reclaimed	Listed, Mixture & State Hazardous	1,623	0	2,450	0	4,073
	Characteristic					
Other	Listed, Mixture & State Hazardous					
	Characteristic					
Column Totals		1,623	0	2,450	0	4,073

SECTION IV

WASTE TREATMENT & DISPOSAL PRACTICES

INSTRUCTIONS

14. Your response should be partitioned according to the method and location categories provided. If, for example, your facility does not incinerate hazardous waste on-site, place a zero in the far right box. Please double check to see that both the row totals and column totals sum to the same value which you will place in the lower right hand corner of the data matrix.

Please note the following points when responding to this question:

- Consider only the waste quantities included in your response to question 12.
- Wastewater quantities should not be considered in response to this question. It will be accounted for in question 15c.
- Wastes which received chemical, physical, and/or biological treatment should be considered only if such treatment rendered the waste non-hazardous. Do not include waste quantities which were treated and rendered less hazardous. Such wastes are still subject to full regulation.
- Any residue from incineration or chemical, physical, and/or biological treatment which is separately disposed of should not be included in your response to avoid double-counting.
- An incinerator has the primary purpose of thermal destruction of wastes. In contrast to an incinerator, EPA considers a boiler to be a facility where the combustion chamber and heat recovery section are of "integral design", and where significant heat recovery takes place in the combustion chamber by radiant heat transfer. Simply adding waste-heat recovery units to an "incinerator" cannot make it a "boiler".
- EPA has recently issued "enforcement guidance" indicating when it will consider burning of wastes in boilers to be "sham" and not a legitimate use of such materials as fuel. Burning a waste with "little or no heating value" together with other fuel materials will be considered to be incineration, subject to full regulation. In light of this guidance, for purposes of this questionnaire, respondents should not include any wastes that have a heating value of less than 5000 BTUs per pound, the stated heating value of low-energy commercial fuels, burned in boilers or industrial furnaces. Such low-BTU materials should be identified as having been "incinerated".
- EPA's enforcement policy also deals with fuel blenders. The Agency will not consider legitimate the sale or transfer for use as fuel of any waste with a heating value of less than 5000 BTUs per pound. If such low-BTU material was sold to a commercial facility for burning, it should be listed as having been incinerated even if it was burned in a boiler or industrial furnace.
- Please note that all wastes legitimately burned as fuel in boilers or industrial furnaces should have been reported in question 13. Therefore, include only wastes which were or should have been incinerated in the appropriate boxes. Please try to avoid double counting.
- Whether materials are being treated, stored or disposed of in a surface impoundment may involve close questions of judgment. Please try to avoid "double counting". Generally materials are disposed of in an impoundment, if the owner or operator intends that the materials remain there upon closure.
- As with surface impoundments that may be used either for storage or disposal, judgment must be exercised regarding materials placed on waste piles. Please try to avoid double counting.
- You will note that both "as is" tons and "dry" tons are requested for several categories. We are asking you to report dry tons because this is the basis for calculating the CERCLA closure tax trust fund. This information can be utilized to evaluate the EPA's data. Therefore, it is most important that both units of measure be reported.

SECTION IV

WASTE TREATMENT & DISPOSAL PRACTICES

QUESTIONS

14. Indicate the quantity (tons) of hazardous waste disposed of for each of the categories listed below. Place a zero in the far right hand box for those categories which do not pertain to your plant.

	Company Owned		Commercial	Row Totals	
	on-site (tons)	off-site (tons)	(tons)		
Incinerated	0	0	96	96	tons
Chemical/ Physical/ Biological Treatment			122	122	tons
Disposed of in Landfill			200	200	"as-is" tons
				0	dry tons
Disposed of in Surface Impoundment				0	"as-is" tons
				6	dry tons
Disposed of in Waste Pile				6	"as-is" tons
				0	dry tons
Land Application				0	"as-is" tons
				0	dry tons
Underground Injection					"as-is" tons
					dry tons
Ocean Dumping					"as-is" tons
					dry tons
Other				9	tons
Column Totals	0	0	418	418	tons

INSTRUCTIONS

15. a) Please respond by placing a "1" in the appropriate box.

15. b) Please respond by placing a "1" in the appropriate box.

15. c)
- Include quantities for both on-site and off-site hazardous wastewater disposal facilities.
- You will note that both "as-is" tons and "dry" tons are requested for the deep well injection category. We are asking you to report dry tons because this is the basis for calculating the CERCLA closure tax trust fund. This information can be utilized to evaluate the EPA's data. Therefore, it is most important that both units of measure be reported.

QUESTIONS

15. a) Did your plant treat, pre-treat, or neutralize hazardous wastewater in tanks during the calendar year?

Yes ☐ No ☒ 1

15. b) Did your plant neutralize hazardous wastewater in surface impoundments during the calendar year?

Yes ☐ No ☒ 1

15. c) Indicate the quantity of hazardous wastewater, reported in question 8, which your plant disposed of in the following types of facilities during the calendar year. Include quantities for both on-site and off-site facilities.

NPDES Facility	1,772	tons
POTW Facility	0	tons
Deep Well Injection	0	"as-is" tons
	0	dry tons
Other	0	tons

SECTION V

MISCELLANEOUS HAZARDOUS WASTE INFORMATION

INSTRUCTIONS

16. For the purpose of this question, treatment is considered to include: thermal (including incineration), chemical, physical, and biological methods. Disposal methods include: underground injection, landfills, land treatment, ocean disposal, surface impoundments to be closed as landfills, waste piles, and wastewater treatment plants. Wastes received which were used, re-used, recycled or reclaimed are defined here as any waste which was in some way treated prior to beneficial use (e.g., spent solvents, catalysts, acids, etc.).

17. For the purpose of this question, "bulk" shipment is defined as any containerized quantity greater than 110 gallons. Wastes shipped in containers smaller than 110 gallons should be reported under the "container" category.

QUESTIONS

16. Indicate the quantity of hazardous waste your plant may have received from other sources which was treated, disposed of, or reclaimed at your plant during the calendar year.

	(tons) From Company Owned Generator	(tons) From Non-Company Owned Generators
Treatment, Disposal	□□□,□□□,□□0	□□□,□□□,□□0
Use, Re-Use, Re-cycle, Reclaim	□□□,□□□,□□0	□□□,□□□,□□0

17. Indicate the quantity of hazardous waste reported in question 12 shipped from your plant by bulk or container.

Bulk (>110 gals) □□□,□□□,□□0 tons

Container □□□,□□□,□□□ tons

SECTION VI

HAZARDOUS WASTE TREATMENT/
DISPOSAL COSTS

(Optional)

INSTRUCTIONS

18. Response to this section is considered optional for the purposes of this questionnaire. The objective of this section is to gather sufficient data to determine the most cost-effective method(s) of hazardous waste disposal and compare waste disposal costs by region. This information should prove most beneficial to CMA member companies for planning hazardous waste management strategies. Therefore, we strongly encourage those facilities which have maintained accurate records on disposal costs to share their information for the mutual benefit of all CMA members. Again, we wish to re-emphasize that all responses will remain strictly confidential.

All costs should be reported in dollars per ton. This will permit comparison of costs between regions. In addition, we ask that you combine any associated shipping costs with actual disposal costs. If exact figures are not available but a close approximation can be made, estimate the respective costs and place an "E" outside the box to indicate an estimate (see General Instructions). If a particular category does not apply to your plant, please leave the boxes blank.

Please note that because this section is optional, no information would be better than uncertain information. However, if you can supply accurate information for even a few categories, please do so.

Thank you for your cooperation in completing this questionnaire. The data base you have helped to establish will prove mutually beneficial to all CMA members.

SECTION VI

HAZARDOUS WASTE TREATMENT,
DISPOSAL COSTS

(Optional)

QUESTION

18. Indicate the cost (dollars/ton) of hazardous waste treatment and disposal realized by your plant for all hazardous waste, including hazardous wastewater, during the calendar year.

	Company Owned		Commercial
	on-site (tons)	off-site (tons)	(tons)
Incinerated	☐☐☐☐.☐☐	☐☐☐☐.☐☐	☐☐☐☐.☐☐
Chemical/ Physical/ Biological Treatment	☐☐☐☐.☐☐	☐☐☐☐.☐☐	☐☐☐☐.☐☐
Landfilled	☐☐☐☐.☐☐	☐☐☐☐.☐☐	☐☐☐☐.☐☐
Surface Impoundment	☐☐☐☐.☐☐	☐☐☐☐.☐☐	☐☐☐☐.☐☐
Disposed of in Waste Pile	☐☐☐☐.☐☐	☐☐☐☐.☐☐	☐☐☐☐.☐☐
Land Application	☐☐☐☐.☐☐	☐☐☐☐.☐☐	☐☐☐☐.☐☐
Underground Injection	☐☐☐☐.☐☐	☐☐☐☐.☐☐	☐☐☐☐.☐☐
Ocean Dumping	☐☐☐☐.☐☐	☐☐☐☐.☐☐	☐☐☐☐.☐☐

bcc DW Whaley ←
JM Valisnick

FI-70

E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED
TOWANDA, PA. 18848

PHOTO PRODUCTS DEPARTMENT

June 9, 1983

TO: GREG MOORE

FROM: B. T. BOOKER BTB

SUBJECT: Hazardous Waste Streams from Towanda Plant

Enclosed please find the destinations of the hazardous waste streams generated by the Towanda Photo Products Plant.

The waste streams are listed as codes on your form. The codes are described on the attached list.

BTB:pat
enclosures

DU PONT SITE Photo, Towanda, PA
HAZARDOUS WASTE COORDINATOR B.T. Booker

NAME OF WASTE STREAM	DU PONT CODE	CONTAINER	APPROX. ANN. VOL.	PRIMARY			ALTERNATE		
				CONTRACTOR	DISPOSAL METHOD	DISPOSAL SITE	CONTRACTOR	DISPOSAL METHOD	DISPOSAL SITE
142-HG	M-212	55 gal steel drum	5	SCA	SLF	NY			
142-GH	D-234	55 gal steel drum	5	SCA	WWT	NY			
142-CF	L-121	55 gal steel drum	5	SCA	WWT	NY			
142-GA	S-193	55 gal steel drum	5	SCA	SLF	NY			
142-GB	S-219	55 gal steel drum	5	SCA	SLF	NY			
142-GD	D-230	55 gal steel drum	5	SCA	SLF	NY			
142-CY	D-129	55 gal steel drum	5	SCA	SLF	NY			
142-BS	L-116	55 gal steel drum	5	SCA	WWT	NY			
142-EG	P-191	55 gal steel drum	5	SCA	SLF	NY			
142-KA	P-261	55 gal steel drum	50	SCA	SLF	NY			
142-KB	P-262	55 gal steel drum	5	SCA	WWT	NY			
142-EP	R-195	55 gal steel drum	25	SCA	SLF	NY			
142-ET	P-184	55 gal steel drum	5	SCA	SLF	NY			
142-BD	S-114	55 gal steel drum	5	SCA	Fuels	NY			
142-HN	P-250	Drum	10	SCA	SLF	NY			

WWT = Waste water treatment
SLF = Secure landfill

DU PONT SITE Photo, Towanda, PA
HAZARDOUS WASTE COORDINATOR B.T. Booker

NAME OF WASTE STREAM	DU PONT CODE	CONTAINER	APPROX. ANN. VOL.	PRIMARY			ALTERNATE		
				CONTRACTOR	DISPOSAL METHOD	DISPOSAL SITE	CONTRACTOR	DISPOSAL METHOD	DISPOSAL SITE
142-S	D-107	55 gal steel drum	10	SCA	WWT	NY			
142-AA	R-208	55 gal steel drum	5	SCA	SLF	NY			
142-EA	D-154	55 gal steel drum	5	SCA	WWT	NY			
142-FD	R-209	55 gal steel drum	5	SCA	WWT	NY			
142-EK	M-153	55 gal steel drum	2	SCA	SLF	NY			
142-AF	L-110	55 gal steel drum	75	SCA	SLF	NY			
142-FE	M-174	55 gal steel drum	5	SCA	SLF	NY			
142-P	S-106	55 gal steel drum	25	SCA	SLF	NY			
142-BF	P-115	55 gal steel drum	5	SCA	SLF	NY			
142-FC	T-176	55 gal steel drum	5	SCA	Fuels	NY			
142-AR	P-112	55 gal steel drum	75	SCA	SLF	NY			
142-FM	W-198	55 gal steel drum	5	SCA	SLF	NY			
142-GR	P-173	55 gal steel drum	5	SCA	WWT	NY			
142-FN	W-199	55 gal steel drum	5	SCA	SLF	NY			
142-GX	M-243	55 gal steel drum	25	SCA	SLF	NY			

WWT = Waste water treatment
SLF = Secure landfill

DU PONT SITE Photo, Towanda, PA
HAZARDOUS WASTE COORDINATOR B.T. Booker

NAME OF WASTE STREAM	DU PONT CODE	CONTAINER	APPROX. ANN. VOL.	PRIMARY			ALTERNATE		
				CONTRACTOR	DISPOSAL METHOD	DISPOSAL SITE	CONTRACTOR	DISPOSAL METHOD	DISPOSAL SITE
142-AG	P-111	55 gal. steel drum	850	SCA	SLF	NY			
142-AG	P-111	30 gal fiber	1200	SCA	SLF	NY			
142-DT	P-144	55 gal steel drum	300	SCA	SLF	NY			
142-AC	L-109	55 gal steel drum	10	SCA	Fuels	NY			
142-BY	P-118	55 gal steel drum	20	SCA	SLF	NY			
142-CW	L-127	55 gal steel drum	5	SCA	WWT	NY			
142-K	L-105	55 gal steel drum	10	SCA	Recovery	NY			
142-DW	D-147	55 gal steel drum	25	SCA	SLF	NY			
142-E	P-102	55 gal steel drum	250	SCA	WWT	NY			
142-AE	M-192	55 gal steel drum	5	SCA	SLF	NY			
142-DY	T-149	55 gal steel drum	10	SCA	SLF	NY			
142-DR	D-163	55 gal steel drum	25	SCA	WWT	NY			
142-EF	S-177	55 gal steel drum	25	SCA	SLF	NY			
142-CR	S-188	55 gal steel drum	5	SCA	SLF	NY			
142-H	P-152	55 gal steel drum	5	SCA	WWT	NY			

WWT = Waste water treatment
SLF = secure landfill

DU PONT SITE Photo, Towanda, PA
HAZARDOUS WASTE COORDINATOR B.T. Booker

NAME OF WASTE STREAM	DU PONT CODE	CONTAINER	APPROX. ANN. VOL.	PRIMARY			ALTERNATE		
				CONTRACTOR	DISPOSAL METHOD	DISPOSAL SITE	CONTRACTOR	DISPOSAL METHOD	DISPOSAL SITE
142-HK	D-227	30 gallon drum	5	SCA	WWT	NY			
142-DG	D-134	5 gallon pail	5	SCA	WWT	NY			
142-HW	P-255	Drum	5	SCA	SLF	NY			
142-HZ	P-258	Drum	5	SCA	SLF	NY			
142-HL	P-228	Drum	5	SCA	SLF	NY			
142-KG	D-141	Drum	5	SCA	SLF	NY			
142-CT	P-126	Drum	5	SCA	SLF	NY			
142-KC	S-260	55 gallon steel drum	5	SCA	SLF	NY			

WWT = waste water treatment
SLF = secure landfill

DU PONT SITE Photo, Towanda, PA
HAZARDOUS WASTE COORDINATOR B.T. Booker

NAME OF WASTE STREAM	DU PONT CODE	CONTAINER	APPROX. ANN. VOL.	PRIMARY			ALTERNATE		
				CONTRACTOR	DISPOSAL METHOD	DISPOSAL SITE	CONTRACTOR	DISPOSAL METHOD	DISPOSAL SITE
1470-DX	S-274	55 gallon steel drum	400	CECOS	SCMF	NY			
1470-DC	P-248	55 gallon steel drum	30	CECOS	SCMF	NY			
1470-CJ	P-242	55 gallon steel drum	10	CECOS	SCMF	NY			
1470-CS	P-246	30 gallon	10	CECOS	SCMF	NY			

SCMF = Secure chemical management facility

DU PONT SITE Photo, Towanda, PA
HAZARDOUS WASTE COORDINATOR B.T. Booker

NAME OF WASTE STREAM	DU PONT CODE	CONTAINER	APPROX. ANN. VOL.	PRIMARY			ALTERNATE		
				CONTRACTOR	DISPOSAL METHOD	DISPOSAL SITE	CONTRACTOR	DISPOSAL METHOD	DISPOSAL SITE
WPS-9386	S-235	55 gal steel drum	50	ROSS	INC.				
WPS-9991	S-259	55 gal steel drum	25	ROSS	INC.				
WPS-9385	S-241	55 gal steel drum	5	ROSS	INC.				
WPS-10624	M-279	55 gal steel drum	20	ROSS	INC.				
WPS-10625	M-280	55 gal steel drum	5	ROSS	INC.				
WPS 11059	P-283	55 gal steel drum	5	ROSS	INC.				
WPS 10718	S-276	55 gal. steel drum	5	ROSS	INC.				

INC = Incineration

PHOTO PRODUCTS TOWANDA, PA

CODES FOR HAZARDOUS WASTE STREAMS

1. SCA Waste Codes (142-)

HG	Polystyrene/Diphenyl Benzene Polymer
GH	Copper Acid Solution
CF	Lab Aqueous Acidic Waste
GA	Barium Fluoride
GB	Barium and Potassium Compounds
GD	Potassium Carbonate and Bicarbonate
CY	Epoxy Resin
BS	Ferric Chloride Etching Solution
EG	Filters and Aqueous Solution
KA	Carbon Black and Acrylate Copolymer
KB	Acrylic Copolymer in Water
EP	Methacrylate Polymer
ET	Waste Methacrylate Resin
BD	Barium Chloride in Chlorofluorocarbon Solvent
HN	cis-Polybutadiene
S	Waste Lead/Tin Plating Solution
AA	Ammonium Persulfate Solution
EA	Copper Chloride Solution
FD	Sulfuric Acid Solution and Copper/Iron
EK	Floor Sealer Solids
AF	Packaged Lab Chemicals
FE	CA/Acetic Acid Solids
P	Cellulose Acetate and Acetone Scrap
BF	Acid Cleaner Scrap Solution
FC	NMP and Amide Solution
AR	Carbon Black Dispersion
FM	Dirt and Methylene Chloride
GR	Dimethyl Acetamide and Water

1. SCA Waste Codes (142-) Cont'd)

FN	Carbon Black and Kitty Litter
GX	Asbestos in Neoprene
AG	Disposable Uniforms, Gloves, Drum Liners
DT	Filter Elements
AC	Lab Solvent Waste (No Halogens)
BY	Calcium Carbonate Sludge
CW	Water/Methanol Solution, 50/50
K	1,1,1,-Trichloroethane
DW	Polymer Waste
E	Aqueous Waste
AE	Waste Fuel Oil and Absorbent
DY	Polyester Coated Scrap
DR	Copper Etching Solution
EF	Waste Barium and Lead Compounds
CR	Waste Titanium Dioxide
H	Polyvinyl Alcohol Solution
HK	Sodium Borate and Sodium Phosphate
DG	Copper Plating Bath Waste
HW	Sodium Carbonate
HZ	Aqueous Acrylic Emulsion
HL	Acrylonitrile/Butadiene/Styrene Polymer plus Dye
KG	Copper Plating Solution
CT	Polymerized Acrylate Solution
KC	Porcelain Milling Balls

2. CECOS Waste Codes (1470-)

DX	Wipers, Polyester Film, Titanium Dioxide, etc.
DC	Carbon Black
CJ	Chlorinated Polyisoprene/Polypropylene
CS	Acrylate Polymer

3. Rollins Waste Codes (L -)

5011	Waste Lab Solvent
6557	Cellulose Acetate
5461	Acrylate Monomer Scrap
6259	Empty Fiberboard Drums
6221	Waste Lubricating Oils

4. Ross Waste Codes (WPS -)

9386	Butyl Acetate and VMP Naphtha Soln
9991	Propanol and Butyl Acetate Waste
9385	VM&P Naphtha
10624	Propylene, Calcium Carbonate, Benzophenone
10625	Propylene, Calcium Carbonate, Benzophenone, Water
11059	Alkaline Alcoholic Etchant Waste
10718	Freon and Acetone Waste

BTB:pat
5/83

FI-70

cc: H. R. Heim, Jr.
T. C. Geissler
R. A. Watkins
B. T. Booker
L. E. Weber

E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED
TOWANDA, PA. 18848

PHOTO PRODUCTS DEPARTMENT

November 6, 1981

TO: F. E. Watkins
J. R. Russell
L. E. Baker
F. C. Gross
T. C. Fairchild

FROM: D. W. Whaley D. W. Whaley

UPDATE - HAZARDOUS WASTE MANIFEST INFORMATION

Attached is an update of information used on hazardous waste manifests. Changes have been made in each category. Please insure that manifests conform to the update.

Starting January 1, 1981 a new regulation takes effect. The UN/NA number must appear on a placard, or beside it, for shipments of hazardous materials by cargo tank (tank trailer), rail car, or portable tanks. NOTE -- VAN TRAILERS DO NOT REQUIRE UN/NA NUMBERS WHEN PLACARDS ARE REQUIRED. A number of tagboard cards with "9189" imprinted have been ordered for use on Chemical Leaman (or other) cargo tanks used to ship ethyl Cellosolve®/water waste to Chambers Works at Deepwater, N.J. These cards are to be used when shipping material which does not fit in a hazard class (that is, when "Drive Safely" signs are used). Shipping Area has on hand several kinds of placards with appropriate symbols and UN/NA numbers for several hazard classes.

Please call if you have any questions.

DWW/mse

Use Du Pont Manifest

SCA Chemical Waste Shipping Information

Dow 11-2-81

SCA Code 71-142-	Description for Contractor	Du Pont Description	DOT Shipping Name	DOT Hazard Class	UN/NA No.	DOT Drum Label	EPA Hazardous Waste No.	Pounds Per Drum
A&B	Methylene Chloride Solution Scrap	Methylene Chloride Solution Scrap	Hazardous Waste, Liquid, n.o.s. (contains methylene chloride)	ORM-E	NA9189	ORM-E	U080	550
E	Aqueous Waste	Aqueous Waste	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA 9189	ORM-E		415
K	1,1,1-Trichloroethane	1,1,1-Trichloroethane	Waste 1,1,1-Trichloroethane Solution	ORM-A	UN 2831	ORM-A Mark out "A"	U226	560
P	Cellulose Acetate and Acetone Scrap	95% Jelled CA with Acetone	Waste Flammable Liquid, n.o.s. (contains acetone)	Flammable Liquid	UN 1993	Flammable	D001	350
T	Butyl Acetate and Solvents Scrap	Mixed Acetone/n-Butyl Acetate/Isopropanol	Waste Flammable Liquid, n.o.s. (contains isopropanol)	Flammable Liquid	UN 1993	Flammable	D001	375
AC	Lab Solvent Waste (No Halogens)	Lab Flammable Solvent Scrap (No Halogens)	Waste Flammable Liquid, n.o.s. (contains acetone)	Flammable Liquid	UN 1993	Flammable	D001	375
AF-A	Packaged Lab Chemicals-Inorganics, Acids	Same	Depends on Drum Contents					
AF-B	-Inorganics, Bases							
AF-C	-Organics, Solids							
AF-D	-Organics, Liquids							
AF-E	-Oxidizers							
AG	Disposable Uniforms, Gloves, Drum Liners, etc.	Disposable Uniforms, Gloves, Drum Liners, Wipers, etc.	Hazardous Waste, Solid, n.o.s.	ORM-E	NA 9189	ORM-E		175
BD	Barium Chloride in Chlorofluorocarbon Solvent	$BaCl_2$ in Freon® TM	Hazardous Waste, Liquid, n.o.s. (contains barium chloride)	ORM-E	NA 9189	ORM-E	D005	475
BF	Acid Cleaner Scrap Solution	AC-500 Acid Cleaner Scrap	Waste Acid, Liquid, n.o.s. (contains dodecylbenzene sulfonic acid)	Corrosive Material	NA 1760	Corrosive	D002 F007	430
BS	Ferric Chloride Etching Solution	Ferric Chloride Etching Solution	Waste Ferric Chloride Solution, n.o.s.	Corrosive Material	UN 2582	Corrosive	D002 F009	430
BY	Calcium Carbonate Sludge	No. 1 Scrubber Bleed Solution (Solvent Recovery)	Hazardous Waste, Liquid, n.o.s.	ORM-E	NA 9189	ORM-E		425
CT	Polymerized Acrylate Scrap	Scrap Coating Batch, Polymerized (Solid)	Hazardous Waste, Solid, n.o.s. (contains acrylate monomer)	ORM-E	NA 9189	ORM-E		400
CW	Water-Methanol Solution, 50/50	Methanol/Water, 50/50, (LC Waste)	Waste, Flammable Liquid, n.o.s. (contains methanol)	Flammable Liquid	UN 1993	Flammable	D001	40/5gal.
CX	Para-Cresol	Para-Cresol	Waste Cresol, n.o.s.	Corrosive Material	NA 2076	Corrosive	D002 U052	100
DR	Copper Plating Solution	Electroless Copper Plating Solution, Shipley	Hazardous Waste, Liquid, n.o.s. (contains copper ions)	ORM-E	NA9189	ORM-E		43/5gal.
DW	Polymer Waste	Waste Coating Materials, G Process	Hazardous Waste, Solid, n.o.s.	ORM-E	NA 9189	ORM-E		250
EA	Copper Chloride Solution	Copper Etching Solution (Hunt Endura Etch)	Hazardous Waste, Liquid, n.o.s. (contains copper ions)	ORM-E	NA 9189	ORM-E		43/5gal.
EC	Liquid Waste with Cyanide	Liquid Cyanide Waste	Waste Cyanide Solution, n.o.s.	Poisonous Liquid	NA 1588	Poison	F007	420

Use South Carolina Manifest

SCA - Pinewood, S. Car. Chemical Waste Shipping Information

Dow 11-2-81

SCA Code 678-	Description for Contractor	Du Pont Description	DOT Shipping Name	DOT Hazard Class	UN/NA No.	DOT Drum Label	EPA Hazardous Waste No.	Pounds Per Drum
4001 (EY)	Epoxy Resin	Epoxy Resin	Hazardous Waste, Liquid, n.o.s. (contains epoxy resin)	ORM-E	NA9189	ORM-E		430
4702 (DT)	Scrap Filters and Methylene Chloride Solution	Scrap Filters and Methylene Chloride Solution	Hazardous Waste, Solid, n.o.s. (contains methylene chloride)	ORM-E	NA9189	ORM-E	U080	175
4103 (EB)	Solids From Solution Recovery	Solids From Methylene Chloride Recovery Distillation	Hazardous Waste, Solid, n.o.s. (contains methylene chloride)	ORM-E	NA9189	ORM-E	U080	350
4401 (DI)	No. 2 Fuel Oil Plus Dirt	No. 2 Fuel Oil Plus Dirt	Waste No. 2 Fuel Oil	Combustible	NA1993	None		175
4005 (AG)	Uniforms, Gloves, Drum Liners, Wipers, etc.	Uniforms, Gloves, Drum Liners, Wipers, etc.	Hazardous Waste, Solid, n.o.s.	ORM-E	NA9189	ORM-E		75
4003 (DX)	Polyamide Coating/Polyester Scrap	Permasep® Coated Scrap Plus Mylar®	Hazardous Waste, Solid, n.o.s. (contains dimethyl formamide)	ORM-E	NA 9189	ORM-E		95
4102 (CT)	Polymerized Acrylate Scrap	Scrap Coating Solution, Polymerized	Hazardous Waste, Solid, n.o.s. (contains acrylate monomer)	ORM-E	NA9189	ORM-E		325

SOLUTIONS AND CHEMICALS IN AQUEOUS WASTE

ORN Solution (No. 3 Solutions)

Water
Potassium bromide
Polyglycol ether propylene oxide adduct
Polyvinyl alcohol
Sodium sulfosuccinate
Polyvinyl pyrrolidone/vinyl acetate copolymer
Alkyl aryl polyether alcohol
Silver nitrate
Carbon black

Lab waste

Neutralized (pH 6-8) solutions from acid-base titrations
Water
Carbon black dispersion
Ethylene glycol
Sodium chloride
Sodium sulfate
Sodium acetate
Polyvinyl alcohol
Polyglycol ether/propylene oxide adduct
X-ray developer (concentrate)
X-ray fixer (concentrate)

DWW 10-21-81

Attachment 2

Sundries Solutions

- Water
- Butyl Cellosolve®
- Butyl Carbitol®
- n-Octyl alcohol
- Soap
- Benzotriazole
- Oakite Defoamant (fatty organic acids, esters, alcohols)
- Isopropanol
- Nigrosine dye
- Duponol WAT (alkyl alkanol amine sulfate)
- Monoethanolamine
- Tetrasodium EDTA
- Aluminum sulfate
- Sodium borate
- Merix 79 (acetates and wetting agents)
- Hydrochloric acid

R & D Laboratory

Cronalite overcoat
ORN solution
Acidic or alkaline solutions (etchants, strippers, etc., neutralized to pH 6-8 before drumming)

DWW 10-21-81

Crona-Lite™ Overcoat (No. 4 Solutions)

Water
Fluorocarbon dispersing agent
Polyethylene wax emulsion
Starch
Polyvinyl alcohol + benzaldehyde/sulfonic acid condensate
Sodium silicate

DLOW 10-21-81

DEPARTMENT PP
SITE TOWANDA

OFF-PLANT WASTE SUMMARY

April 1980

WASTE STREAM	CONTRACTOR	DISPOSAL SITE
Paint Thinner	Rollins Environmental	Bridgeport, NJ
Trimethylolpropane Trimethacrylate	" "	" "
Scrap Coating Solution	" "	" "
Waste Lab Solvent	" "	" "
Iscocyanate Resin in Organic Solvents	" "	" "
Tetraethylene Glycol Dimethacrylate	" "	" "
Mixture of Water & Ethyl Cellosolve	SCA Chemical ~~Waste~~ Services Co., Inc.	Newark, NJ
Pentaerythritol triacrylate	Rollins Environmental	Bridgeport, NJ.
Dimethyl formamide/Geon latex solution	" "	" "

FI-70

E. I. du Pont de Nemours & Company
INCORPORATED
Towanda, Pa. 18848

PHOTO PRODUCTS DEPARTMENT

CC: N. L. Cross/J. E. Preston
B. K. Saydlowski
H. R. Heim
R. A. Watkins
L. E. Weber
H. D. Hoffman
C. J. Wood
B. D. Coleman
K. R. Bengtson

December 23, 1980

TO: J. R. Schmid, D. G. Siess, W. J. Rushton, T. C. Geissler, J. L. Holman, W. A. Kershner, R. L. Darling, R. K. Mueller, T. B. Fulda, D. E. Foster, R. L. Connell, E. A. Nelson, G. M. Fairchild, C. D. Johnson, A. R. Axline, G. C. Miller

FROM: D. W. Whaley

LABELING SCRAP DRUMS

Contracts with two disposal contractors are now in effect: (1) SCA Chemical Waste Services, Inc., of Model City, N.Y. (formerly Chem-Trol Division of SCA), and (2) Rollins Environmental Services, Inc., of Bridgeport, N.J. These contractors have different requirements for marking identification of contents on drums or other packages. This letter tells what those requirements are, and also which wastes will go where. Your cooperation is required so that this plant will comply with regulations, and so that no chemical waste will be returned by the contractor due to inadequate or incorrect identification.

All scrap codes will be marked on drums using stencils and white or yellow spray paint. Approved paints to be used are:

- white (preferred) - Flat Spread Gloss, 13 oz., no. 1204, item No. 717311 PC-1-3-1
  - Gloss Spread Gloss, 13 oz., no. 1202, item no. 717310 PC-1-2-3
- yellow - Tulip Spread Gloss, 13 oz., no. 1212, item no. 717312 PC-1-3-4

These paints are available from the Maintenance Store Room.

A quick spray pass no closer than eight inches (about the height of the can) will give suitable identification. A slower pass may lead to running of the paint, and more difficult identification. GREEN, RED and other dark colors are NOT acceptable. Drums with unacceptable colors will have to be re-marked by the

Area which filled the drum. All markings will have to be made in the upper third of the drum, between the top rim and the upper chime (rib). Drums marked below this area will have to be re-marked by the Area which filled the drum.

Rollins Environmental Services requires that each drum be marked with the scrap code number (an "L", a dash, and four digits), and the hazardous waste manifest (HWM) number. The scrap code will be applied by the Area generating the waste. The HWM number will be painted on each drum by the Warehouse Area just prior to shipment. No paper labels are permitted to be used for writing the code or manifest number.

SCA requires that the full scrap code be on each drum; painting with a stencil is satisfactory. The full SCA waste code must be used (eg., "71-142-BF", not just "BF"). A "Hazardous Waste" label with the proper shipping name will be affixed at shipment time to each drum by Warehouse personnel.

Scrap codes for our chemical wastes are listed in Tables I and II. Each Area should make its own stencil. Use letters 2 inches high. No process term or tradename is used for "Description for Contractor" names, to avoid revealing plant processes. A number of materials in these tables are not currently generated but are listed because of one-time disposal needs. No "Du Pont Description" should appear on any waste drum or container leaving the site. Those descriptions in the tables will enable Plant Areas to more easily identify the waste codes used. (Drums previously marked incorrectly will be corrected before leaving the site.) The tables will be updated as new chemical waste codes are added.

Please call me at 2352 if you have any questions.

D. W. Whaley

D. W. Whaley
Disposal Coordinator

DWW/mse
Attachment

TABLE I

Chemical Wastes to SCA Chemical Waste Services, Inc.

SCA CODE 71-142-	DESCRIPTION FOR CONTRACTOR	DU PONT DESCRIPTION
A & B	Methylene chloride solution scrap	
E	Aqueous waste	Aqueous waste
F	Photopolymer coating waste	Lydel® undercoat
G	Aqueous overcoat waste	Lydel® overcoat
K	1,1,1-Trichloroethane	1,1,1-Trichloroethane
P	Cellulose acetate and acetone scrap	95% Jelled CA with acetone
T	Butyl acetate and solvents scrap	Mixed acetone/n-butyl acetate/isopropanol
AC	Lab solvent waste (no halogens)	Lab flammable solvent scrap (no halogens)
AF-A	Packaged lab chemicals-inorganic acids	Packaged lab chemicals - inorganic acids
AF-B	" " -inorganic bases	" - inorganic bases
AF-C	" " -organic solids	" - organic solids
AF-D	" " - organic liquids	" - organic liquids
AF-E	" " - oxidizers	" - oxidizers
AG	Disposable uniforms, gloves; plastic drum liners	Disposable uniforms, gloves, rags; plastic drum liners
AR	Carbon black dispersion	Carbon black dispersion
BD	Barium chloride in chlorofluorocarbon solvent	$BaCl_2$ dispersed in Freon®TM
BF	Acid cleaner scrap solution	AC-500 acid cleaner scrap
BS	Ferric chloride etching solution	Ferric chloride etching solution
~~CN-EC~~	Liquid waste with cyanide	Liquid cyanide waste
CT	Polymerized acrylate scrap	Scrap coating solution, polymerized
CW	Water-methanol solution, 50/50	Methanol/water,50/50, LC waste
CX	Para-cresol	Para-cresol
CY	Epoxy resin	Epocryl resin
DR	Copper plating solution (TIEF)	
DT	Scrap filters and methylene chloride solution	
DC	Polymerized DMDA	
DW	Polymer waste (RDG)	
DX	Polyester film with polymer coating	
DY	Polyester coated scrap	
EB	Solids from solution recovery (FHS)	
ED	Chilled aqueous waste	
EA	Copper chloride solution (GCB)	

TABLE II

Chemical Wastes to Rollins Environmental Services, Inc.

ROLLINS CODE	DESCRIPTION FOR CONTRACTOR	DU PONT DESCRIPTION
~~L-5454~~	~~Methylene chloride solution scrap~~	~~Methylene chloride solution scrap~~
L-5478	Latex solution	Chloroprene/MA copolymer, 50% solids
L-5009	Paint thinner	Paint thinner
~~L-5012~~	~~Scrap coating solution~~	~~Scrap coating solution~~
L-5011	Waste lab solvent (with halogens)	Halogenated waste lab solvent
L-5462	DMF/vinyl copolymer solution	DMF/Geon® solution (Cronapress®)
L-5475	Aqueous fluorocarbon dispersion	Aqueous Teflon® 30 dispersion
L-5461	Acrylate monomer scrap (liquid)	Scrap TMPTA, PETA, etc. (liquid)
L-5473	Water/methanol solution, 50/50	Water/methanol, 50/50 (LC waste)
L-5476	Polymers dissolved in methylene chloride	CP-19F scrap
L-5464	Vacuum scrubber solution	Water/NMP vacuum scrubber scrap (DRL)
L-5477	Copper plating solution	Electroless copper plating solution (TRF)
L-5465	Halogenated solvent	Wild Cat Stripper scrap (GWS)
L-5466	Water-organic liquids mixture	D-2000 Experiment (LHP)
L-5467	Synthetic rubber in methylene chloride	Ameripol in methylene chloride (FJS)
L-5463	Methanol in trichlorotrifluoroethane	Freon® TF + 8% methanol
L-5010	Isocyanate resins in organic solvents	RC-H-5581 isocyanate in toluene, MEK

F1-70

E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED
TOWANDA, PA. 18848

PHOTO PRODUCTS DEPARTMENT

CC: G. C. Miller
H. R. Heim
D. G. Siess
W. A. Kershner
A. R. Axline

February 18, 1981

TO: G. J. Kelley

FROM: D. W. Whaley D.W.W.

SCRAP LAB SAMPLES

I have reviewed the list of lab sample chemicals which you suggest be dissolved in methylene chloride for disposal into the methylene chloride scrap tank. I think the time is right for getting this started in order to minimize waste via drums.

There are several items which should not go into the scrap methylene chloride 20,000 gal. tank. They are listed below:

Description	Disposal Code
Brady Chemicals	L-5011 or AF-D-flammable
Aluminum sulfate	AF-A (Env. Lab)
$EDTA\text{-}Na_4$	AF-C
FC-430 (neat)	L-5011 or AF-C
FC-430 (10% in meth. chl.)	L-5011 or AF-D
Hi-Viz Yellow Orange Pigment	AF-C
" " " Toner	AF-C
HVT-45	AF-C
Isopropanol	AC - flammable solvents
Luxol Fast Brown K dye	AF-C
Methanol	AC - flammable solvents
Misco AC-392	E
NETS	AF-C
Octyl alcohol (n-octanol)	AC
p-Cresol	AF-C Corrosive
Perclene (tetrachloroethylene)	L-5011 or AF-D
pTSA	AF-D Corrosive
RC-3645	AF-C - flammable
RCH-5581	AF-C - flammable
RMP-25, -40	AF-C
Santicizer 9	AF-C
SOB-50	AF-A (Env. Lab)
Sterling R carbon black	E
Sulfonic 100 (DBSA)	AF-D - corrosive
Syloid 63, 166	AF-A (Env. Lab)
TBDA	AF-C- poison B
TCTM-HABI in acetone*	AC

Description	Disposal Code
Titanium dioxide (TiO_2)	AF-A (Env. Lab)
Triclene®, & Hi-Tri®	L-5011 or AF-D
1,1,1-Trichloroethane	L-5011 or AF-D or K (drum)
Zinc acetylacetonate	AF-C

*TCTM-HABI in methylene chloride, or solid, is OK for MC scrap tank.

There may be other chemicals which you come across for disposal. Please contact me anytime for assistance in classifying them.

The items labeled "flammable", "corrosive" or "poison B" all have to be specially packaged before adding them to an AF drum. See Dennis Cox for details.

Please call if you have any questions.

DWW/mse

G-77-C REV. 7/87

STRAIGHT BILL OF LADING – SHORT FORM – ORIGINAL – NOT NEGOTIABLE

SID NUMBER MUST BE SHOWN ON ALL FREIGHT BILLS AND CORRESPONDENCE

Carrier: D & B EXPRESS

3-28-88

Shipment Identification Number: GSBH08434

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of the Bill of Lading.

At 187724000 HORSEHEADS NY. DUPONT S/P CODE

FROM E. I. DU PONT DE NEMOURS & CO. (INC.)

75 P & EP DEPARTMENT

Du Pont Reference(s): I.R.#70603-28

Carrier's No.

Customer's Order Number(s)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

PREPAID

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout his contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transporation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

IF PREPAID MAIL FREIGHT BILLS TO:
FMIS
BOX 8964
WILMINGTON DEL.
19899

DUNS - DUNS DUNS DUNS - DUNS DUNS

CONSIGNED TO: METRO CONTAINER CORP

2ND & PRICE STS

City: TRAINER

DU PONT DESTINATION CODE: 75240

State: PA.

County

Zip: 19013

Repetitive Pattern Code

Route

Delivering Carrier (If Rail)

Vehicle Initials & Number

FOR CHEMICAL EMERGENCY
SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT
CALL CHEMTREC - DAY OR NIGHT
800-424-9300 (TOLL FREE)
WASHINGTON, D.C. 483-7616
OUTSIDE CONTINENTAL U.S.A. (202) 483-7616

Subject to Section 7 of conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

E. I. du Pont de Nemours & Co.

Per _____ (Signature of Consignor)

If lower freight charges result, the agreed or declared value of the property is hereby specifically stated by the shipper not to exceed the released value provision as permitted by RRO MC972 or as set forth in applicable tariffs.

NO. OF PKGS.	TYPE OF PKGS.	HM	DESCRIPTION	WEIGHT/LBS.	DUPONT CODE COMM.	CONT.	STCC CODE
232	M/T		STEEL DRUMS	18,000			

SID ENTERED
APR 05 1988

SPECIAL CONDITIONS

___ SHL Shipper Load
___ COU Consignee Unload
___ EXC Exclusive Use
___ SSF Single Shipment
DTL ___ Minutes Detention
Other (specify)

GEN. LEDGER: 8118

SUB. ACCOUNT: 034250-400000

(Rail, Cargo Tank, Portable Tank, Freight Container)		
☐ Placarded _____ Name of Placard	GROSS PRODUCT WEIGHT	
(Truck – 1,000 lbs. or More)	GROSS PALLET WEIGHT (_____ PALLETS @_____ LBS/PALLET)	
☐ Placards Required	GROSS SHIPPING WEIGHT	18,000

MODE	EQUIP.	TERMS
SPEC. CIR.	SPEC. TRAF. DATA	

THE DESCRIPTION AND WEIGHT INDICATED ON THIS BILL OF LADING ARE CORRECT SUBJECT TO VERIFICATION BY THE RAILROAD INSPECTION BUREAUS ACCORDING TO AGREEMENT.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

E. I. du Pont de Nemours & Company, Shipper

Per _____

Permanent post-office address of shipper.

Agent _____

Per 3-29-88

1

G-77-C REV. 7/87

STRAIGHT BILL OF LADING – SHORT FORM – ORIGINAL – NOT NEGOTIABLE

SID NUMBER MUST BE SHOWN ON ALL FREIGHT BILLS AND CORRESPONDENCE

Carrier: D & B EXPRESS

3-23-88

Shipment Identification Number: GSBH08433

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading.

At 187724000 HORSEHEADS NY. DUPONT S/P CODE

FROM E. I. DU PONT DE NEMOURS & CO. (INC.)
75 P & EP DEPARTMENT

Du Pont Reference(s): I.R.#70603-27

Carrier's No.

Customer's Order Number(s)

If charges are to be prepaid, write or stamp here, "To be Prepaid." PREPAID

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout his contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transporation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

IF PREPAID MAIL FREIGHT BILLS TO:
FMIS
BOX 8964
WILMINGTON DEL.
19899

CONSIGNED TO
METRO CONTAINER CORP
2ND & PRICE STS
City: TRAINER
DU PONT DESTINATION CODE: 75240
State: PA.
County
Zip: 19013

FOR CHEMICAL EMERGENCY
SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT
CALL CHEMTREC – DAY OR NIGHT
800-424-9300 (TOLL FREE)
WASHINGTON, D.C. 483-7616
OUTSIDE CONTINENTAL U.S.A. (202) 483-7616

Repetitive Pattern Code

Subject to Section 7 of conditions of applicable bill of lading. If this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

E. I. du Pont de Nemours & Co.

Per ____ (Signature of Consignor)

Route

Delivering Carrier (If Rail)

Vehicle Initials & Number

If lower freight charges result, the agreed or declared value of the property is hereby specifically stated by the shipper not to exceed the released value provision as permitted by RRO MC972 or as set forth in applicable tariffs.

NO. OF PKGS.	TYPE OF PKGS.	HM	DESCRIPTION	WEIGHT/LBS.	DUPONT CODE COMM.	CONT.	STCC CODE
211	M/T		STEEL DRUMS	18,000			

SFR ENTERED
MAR 3 0 1988

SPECIAL CONDITIONS
___ SHL Shipper Load
___ COU Consignee Unload
___ EXC Exclusive Use
___ SSF Single Shipment
DTL ___ Minutes Detention
Other (specify)

GEN. LEDGER: 8118

SUB. ACCOUNT: 034250-400000

(Rail, Cargo Tank, Portable Tank, Freight Container)

☐ Placarded ____ Name of Placard

(Truck – 1,000 lbs. or More)

☐ Placards Required

GROSS PRODUCT WEIGHT

GROSS PALLET WEIGHT (____ PALLETS @ ____ LBS/PALLET)

GROSS SHIPPING WEIGHT: 18000

MODE	EQUIP.	TERMS
SPEC. CIR.	SPEC. TRAF. DATA	

THE DESCRIPTION AND WEIGHT INDICATED ON THIS BILL OF LADING ARE CORRECT SUBJECT TO VERIFICATION BY THE RAILROAD INSPECTION BUREAUS ACCORDING TO AGREEMENT.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

E. I. du Pont de Nemours & Company, Shipper

Per [signature]

Permanent post-office address of shipper.

[signature] Agent

Per D&B 3-24-88

1

G-77-C REV. 7/87

STRAIGHT BILL OF LADING – SHORT FORM – ORIGINAL – NOT NEGOTIABLE

SID NUMBER MUST BE SHOWN ON ALL FREIGHT BILLS AND CORRESPONDENCE

Carrier: D & B EXPRESS

3-11-88

Shipment Identification Number: GSBH08432

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of the Bill of Lading.

At 187724000 HORSEHEADS NY. DUPONT S/P CODE

FROM E. I. DU PONT DE NEMOURS & CO. (INC.)

75 P & EP DEPARTMENT

Du Pont Reference(s): I.R.#70603-26

Carrier's No.

Customer's Order Number(s)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

PREPAID

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout his contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transporation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

IF PREPAID MAIL FREIGHT BILLS TO:
FMIS
BOX 8964
WILMINGTON DEL.
19899

CONSIGNED TO:
METRO CONTAINER CORP
2ND & PRICE STS
City: TRAINER
DU PONT DESTINATION CODE: 75240
State: PA.
County:
Zip: 19013

FOR CHEMICAL EMERGENCY
SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT
CALL CHEMTREC – DAY OR NIGHT
800-424-9300 (TOLL FREE)
WASHINGTON, D.C. 483-7616
OUTSIDE CONTINENTAL U.S.A. (202) 483-7616

Repetitive Pattern Code

Route

Delivering Carrier (If Rail)

Vehicle Initials & Number

Subject to Section 7 of conditions of applicable bill of lading. If this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

E. I. du Pont de Nemours & Co.

Per _____ (Signature of Consignor)

If lower freight charges result, the agreed or declared value of the property is hereby specifically stated by the shipper not to exceed the released value provision as permitted by RRO MC972 or as set forth in applicable tariffs.

NO. OF PKGS.	TYPE OF PKGS.	HM	DESCRIPTION	WEIGHT/LBS.	DUPONT CODE COMM.	CONT.	STCC CODE
260	M/T		STEEL DRUMS	18,000			

MAR 25 1988

SPECIAL CONDITIONS

___ SHL Shipper Load
___ COU Consignee Unload
___ EXC Exclusive Use
___ SSF Single Shipment
DTL ___ Minutes Detention
Other (specify)

GEN. LEDGER: 8118

SUB. ACCOUNT: 034250-400000

(Rail, Cargo Tank, Portable Tank, Freight Container)

☐ Placarded _____ Name of Placard

(Truck – 1,000 lbs. or More)

☐ Placards Required

GROSS PRODUCT WEIGHT		
GROSS PALLET WEIGHT (_____ PALLETS @_____ LBS/PALLET)		
GROSS SHIPPING WEIGHT	18,000	

MODE	EQUIP.	TERMS
SPEC. CIR.	SPEC. TRAF. DATA	

THE DESCRIPTION AND WEIGHT INDICATED ON THIS BILL OF LADING ARE CORRECT SUBJECT TO VERIFICATION BY THE RAILROAD INSPECTION BUREAUS ACCORDING TO AGREEMENT.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

E. I. du Pont de Nemours & Company, Shipper

Per [signature]

Permanent post-office address of shipper.

[signature] Agent

Per D+B 3-14-88

1

G-77-C REV. 7/87

STRAIGHT BILL OF LADING – SHORT FORM – ORIGINAL – NOT NEGOTIABLE

SID NUMBER MUST BE SHOWN ON ALL FREIGHT BILLS AND CORRESPONDENCE

Carrier
D & B EXPRESS

3-5-88

Shipment Identification Number
GSBH08431

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of the Bill of Lading.

At 187724000 HORSEHEADS NY. DUPONT S/P CODE

FROM E. I. DU PONT DE NEMOURS & CO. (INC.)
75 P & EP DEPARTMENT

Du Pont Reference(s)
I.R.#70603-25

Carrier's No.

Customer's Order Number(s)

If charges are to be prepaid, write or stamp here, "To be Prepaid."
PREPAID

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout his contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

IF PREPAID
MAIL FREIGHT BILLS TO:
FMIS
BOX 8964
WILMINGTON DEL.
19899

CONSIGNED TO
METRO CONTAINER CORP
2ND & PRICE STS

City: TRAINER
DU PONT DESTINATION CODE: 75240
State: PA.
County:
Zip: 19013
Repetitive Pattern Code:
Route:
Delivering Carrier (If Rail):
Vehicle Initials & Number:

FOR CHEMICAL EMERGENCY
SPILL, LEAK, FIRE EXPOSURE OR ACCIDENT
CALL CHEMTREC – DAY OR NIGHT
800-424-9300 (TOLL FREE)
WASHINGTON, D.C. 483-7616
OUTSIDE CONTINENTAL U.S.A. (202) 483-7616

Subject to Section 7 of conditions of applicable bill of lading. If this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

E. I. du Pont de Nemours & Co.

Per _____
(Signature of Consignor)

If lower freight charges result, the agreed or declared value of the property is hereby specifically stated by the shipper not to exceed the released value provision as permitted by RRO MC972 or as set forth in applicable tariffs.

NO. OF PKGS.	TYPE OF PKGS.	HM	DESCRIPTION	WEIGHT/LBS.	DUPONT CODE COMM.	DUPONT CODE CONT.	STCC CODE
206	MT		STEEL DRUMS	18,000			

NOT ENTERED
MAR 4 5 1988

SPECIAL CONDITIONS
___ SHL Shipper Load
___ COU Consignee Unload
___ EXC Exclusive Use
___ SSF Single Shipment
DTL ___ Minutes Detention
Other (specify)

GEN. LEDGER
8118

SUB. ACCOUNT
034250-400000

(Rail, Cargo Tank, Portable Tank, Freight Container)	GROSS PRODUCT WEIGHT	
☐ Placarded _____ Name of Placard	GROSS PALLET WEIGHT (_____ PALLETS @ _____ LBS/PALLET)	
(Truck – 1,000 lbs. or More) ☐ Placards Required	GROSS SHIPPING WEIGHT	18000

MODE	EQUIP.	TERMS
SPEC. CIR.	SPEC. TRAF. DATA	

THE DESCRIPTION AND WEIGHT INDICATED ON THIS BILL OF LADING ARE CORRECT SUBJECT TO VERIFICATION BY THE RAILROAD INSPECTION BUREAUS ACCORDING TO AGREEMENT.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

E. I. du Pont de Nemours & Company, Shipper

Per Walter A. Burke

Permanent post-office address of shipper.

Agent

Per 3-9-88

1

G-77-C REV. 7/87

STRAIGHT BILL OF LADING – SHORT FORM – ORIGINAL – NOT NEGOTIABLE

SID NUMBER MUST BE SHOWN ON ALL FREIGHT BILLS AND CORRESPONDENCE

Carrier
D & B EXPRESS

2-M-88

Shipment Identification Number GSBH08000

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of the Bill of Lading.

At 187724000 HORSEHEADS NY. DUPONT S/P CODE

FROM E. I. DU PONT DE NEMOURS & CO. (INC.)
75 P & EP DEPARTMENT

Du Pont Reference(s)
I.R.#70603-24

Carrier's No.

Customer's Order Number(s)

If charges are to be prepaid, write or stamp here, "To be Prepaid."
PREPAID

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

IF PREPAID
MAIL FREIGHT BILLS TO:
FMIS
BOX 8964
WILMINGTON DEL.
19899

CONSIGNED TO
METRO CONTAINER CORP
2ND & PRICE STS

City TRAINER
DU PONT DESTINATION CODE 75240
State PA.
County
Zip 19013

FOR CHEMICAL EMERGENCY
SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT
CALL CHEMTREC - DAY OR NIGHT
800-424-9300 (TOLL FREE)
WASHINGTON, D C 483-7616
OUTSIDE CONTINENTAL U S A (202) 483-7616

Repetitive Pattern Code

Subject to Section 7 of conditions of applicable bill of lading. If this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

E. I. du Pont de Nemours & Co.

Per _____
(Signature of Consignor)

Route

Delivering Carrier (If Rail)

Vehicle Initials & Number

If lower freight charges result, the agreed or declared value of the property is hereby specifically stated by the shipper not to exceed the released value provision as permitted by IRRO MC972 or as set forth in applicable tariffs

NO. OF PKGS.	TYPE OF PKGS.	HM	DESCRIPTION	WEIGHT/LBS.	DUPONT CODE COMM.	CONT.	STCC CODE
229	M/T	DR	STEEL DRUMS	18,000			

SEP 5 INTERNET
MAR 0 1 1988

SPECIAL CONDITIONS

___ SHL Shipper Load
___ COU Consignee Unload
___ EXC Exclusive Use
___ SSF Single Shipment
DTL ___ Minutes Detention
Other (specify)

GEN. LEDGER
8118

SUB. ACCOUNT
034250-400000

(Rail, Cargo Tank, Portable Tank, Freight Container)			MODE	EQUIP.	TERMS
☐ Placarded _____ Name of Placard	GROSS PRODUCT WEIGHT				
	GROSS PALLET WEIGHT (_____ PALLETS @_____ LBS/PALLET)		SPEC. CIR.	SPEC. TRAF. DATA	
(Truck – 1,000 lbs. or More) ☐ Placards Required	GROSS SHIPPING WEIGHT	18000	THE DESCRIPTION AND WEIGHT INDICATED ON THIS BILL OF LADING ARE CORRECT SUBJECT TO VERIFICATION BY THE RAILROAD INSPECTION BUREAUS ACCORDING TO AGREEMENT.		

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

E. I. du Pont de Nemours & Company, Shipper

Per _____

Permanent post-office address of shipper.

_____ Agent

Per D+B - 2-2258

1

G-77-C REV. 7/87

STRAIGHT BILL OF LADING – SHORT FORM – ORIGINAL – NOT NEGOTIABLE

SID NUMBER MUST BE SHOWN ON ALL FREIGHT BILLS AND CORRESPONDENCE

Carrier
D & B EXPRESS

Shipment Identification Number
GSBH07999

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of the Bill of Lading.

At 187724000 HORSEHEADS NY. DUPONT S/P CODE
FROM E. I. DU PONT DE NEMOURS & CO. (INC.)
75 P & EP DEPARTMENT

Du Pont Reference(s)
I.R.#70603-23

Carrier's No.

Customer's Order Number(s)

If charges are to be prepaid, write or stamp here, "To be Prepaid."
PREPAID

IF PREPAID MAIL FREIGHT BILLS TO:
FMIS
BOX 8964
WILMINGTON DEL.
19899

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout his contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transporation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

CONSIGNED TO
METRO CONTAINER CORP
2ND & PRICE STS

City TRAINER
DU PONT DESTINATION CODE 75240
State PA.
County
Zip 19013

FOR CHEMICAL EMERGENCY
SPILL LEAK FIRE EXPOSURE OR ACCIDENT
CALL **CHEMTREC** – DAY OR NIGHT
800-424-9300 (TOLL FREE)
WASHINGTON D C 483-7616
OUTSIDE CONTINENTAL U S A (202) 483-7616

Repetitive Pattern Code

Subject to Section 7 of conditions of applicable bill of lading. If this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

E. I. du Pont de Nemours & Co.

Per _____ (Signature of Consignor)

Route

Delivering Carrier (If Rail)

Vehicle Initials & Number

If lower freight charges result, the agreed or declared value of the property is hereby specifically stated by the shipper not to exceed the released value provision as permitted by RRO MC972 or as set forth in applicable tariffs.

NO. OF PKGS.	TYPE OF PKGS.	HM	DESCRIPTION	WEIGHT/LBS.	DUPONT CODE COMM.	CONT.	STCC CODE
236	MT	R	STEEL DRUMS	18,000			

SAP ENTERED
FEB 1 0 1988

SPECIAL CONDITIONS

___ SHL Shipper Load
___ COU Consignee Unload
___ EXC Exclusive Use
___ SSF Single Shipment
DTL ___ Minutes Detention
Other (specify)

GEN. LEDGER
8118

SUB. ACCOUNT
034250-400000

(Rail, Cargo Tank, Portable Tank, Freight Container)			
☐ Placarded _____ Name of Placard	GROSS PRODUCT WEIGHT		
(Truck – 1,000 lbs. or More)	GROSS PALLET WEIGHT (_____ PALLETS @_____ LBS/PALLET)		
☐ Placards Required	GROSS SHIPPING WEIGHT	18,000	

MODE	EQUIP.	TERMS
SPEC. CIR.	SPEC. TRAF. DATA	

THE DESCRIPTION AND WEIGHT INDICATED ON THIS BILL OF LADING ARE CORRECT SUBJECT TO VERIFICATION BY THE RAILROAD INSPECTION BUREAUS ACCORDING TO AGREEMENT.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

E. I. du Pont de Nemours & Company, Shipper

Per _____

Permanent post-office address of shipper.

Per 2-9-88

_____ Agent

1

G-77-C REV. 7/87

STRAIGHT BILL OF LADING – SHORT FORM – ORIGINAL – NOT NEGOTIABLE

SID NUMBER MUST BE SHOWN ON ALL FREIGHT BILLS AND CORRESPONDENCE

Carrier
D & B EXPRESS

Shipment Identification Number
GSBH07998

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of the Bill of Lading.

At 187724000 HORSEHEADS NY. DUPONT S/P CODE
FROM E. I. DU PONT DE NEMOURS & CO. (INC.)
75 P & EP DEPARTMENT

Du Pont Reference(s)
I.R.#70603-22

Carrier's No.

Customer's Order Number(s)

If charges are to be prepaid, write or stamp here, "To be Prepaid."
PREPAID

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout his contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transporation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

IF PREPAID
MAIL FREIGHT BILLS TO:
FMIS
BOX 8964
WILMINGTON DEL.
19899

CONSIGNED TO
METRO CONTAINER CORP
2ND & PRICE STS
City: TRAINER
DU PONT DESTINATION CODE: 75240
State: PA.
County
Zip: 19013

FOR CHEMICAL EMERGENCY
SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT
CALL CHEMTREC – DAY OR NIGHT
800-424-9300 (TOLL FREE)
WASHINGTON, D.C. 483-7616
OUTSIDE CONTINENTAL U.S.A. (202) 483-7616

Repetitive Pattern Code

Subject to Section 7 of conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

E. I. du Pont de Nemours & Co.

Per _____ (Signature of Consignor)

Route

Delivering Carrier (If Rail)

Vehicle Initials & Number

If lower freight charges result, the agreed or declared value of the property is hereby specifically stated by the shipper not to exceed the released value provision as permitted by BRO MC972 or as set forth in applicable tariffs

NO. OF PKGS.	TYPE OF PKGS.	HM	DESCRIPTION	WEIGHT/LBS.	DUPONT CODE COMM.	DUPONT CODE CONT.	STCC CODE
223	M/T	DR	STEEL DRUMS	18,000			

SFR ENTERED
FEB 1 5 1988

SPECIAL CONDITIONS

___ SHL Shipper Load
___ COU Consignee Unload
___ EXC Exclusive Use
___ SSF Single Shipment
DTL ___ Minutes Detention
Other (specify)

GEN. LEDGER
8118
SUB. ACCOUNT
034250-400000

(Rail, Cargo Tank, Portable Tank, Freight Container)	GROSS PRODUCT WEIGHT	
☐ Placarded _____ Name of Placard	GROSS PALLET WEIGHT (_____ PALLETS @_____ LBS/PALLET)	
(Truck – 1,000 lbs. or More) ☐ Placards Required	GROSS SHIPPING WEIGHT	18,000

MODE	EQUIP.	TERMS
SPEC. CIR.	SPEC. TRAF. DATA	

THE DESCRIPTION AND WEIGHT INDICATED ON THIS BILL OF LADING ARE CORRECT SUBJECT TO VERIFICATION BY THE RAILROAD INSPECTION BUREAUS ACCORDING TO AGREEMENT.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

E. I. du Pont de Nemours & Company, Shipper

Per _____

Permanent post-office address of shipper.

_____ Agent

Per D+B 2-5-88

1

G-77-C REV. 7/87

STRAIGHT BILL OF LADING – SHORT FORM – ORIGINAL – NOT NEGOTIABLE

SID NUMBER MUST BE SHOWN ON ALL FREIGHT BILLS AND CORRESPONDENCE

Carrier
D & B EXPRESS

1-25-88

Shipment Identification Number
GSBH07997

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of the Bill of Lading.

At 187724000 HORSEHEADS NY. DUPONT S/P CODE
FROM E. I. DU PONT DE NEMOURS & CO. (INC.)
75 P & EP DEPARTMENT

Du Pont Reference(s)
I.R.#70603-21

Carrier's No.

Customer's Order Number(s)

If charges are to be prepaid, write or stamp here, "To be Prepaid."
PREPAID

IF PREPAID MAIL FREIGHT BILLS TO:
FMIS
BOX 8964
WILMINGTON DEL.
19899

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout his contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transporation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

CONSIGNED TO
METRO CONTAINER CORP
2ND & PRICE STS
City TRAINER
State PA.
County
DU PONT DESTINATION CODE 75240
Zip 19013

FOR CHEMICAL EMERGENCY
SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT,
CALL **CHEMTREC** - DAY OR NIGHT
800-424-9300 (TOLL FREE)
WASHINGTON, D.C. 483-7616
OUTSIDE CONTINENTAL U.S.A. (202) 483-7616

Repetitive Pattern Code

Route

Delivering Carrier (If Rail)

Vehicle Initials & Number

Subject to Section 7 of conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

E. I. du Pont de Nemours & Co.
Per _____
(Signature of Consignor)

If lower freight charges result, the agreed or declared value of the property is hereby specifically stated by the shipper not to exceed the released value provision as permitted by RRO MC972 or as set forth in applicable tariffs.

NO. OF PKGS.	TYPE OF PKGS.	HM	DESCRIPTION	WEIGHT/LBS.	DUPONT CODE COMM.	DUPONT CODE CONT.	STCC CODE
262	M/T	DR	STEEL DRUMS	18,000			

RECEIVED
JAN 2 8 1988

SPECIAL CONDITIONS

___ SHL Shipper Load
___ COU Consignee Unload
___ EXC Exclusive Use
___ SSF Single Shipment
DTL ___ Minutes Detention
Other (specify)

GEN. LEDGER
8118

SUB. ACCOUNT
034250-400000

(Rail, Cargo Tank, Portable Tank, Freight Container)	GROSS PRODUCT WEIGHT	
☐ Placarded _____ Name of Placard	GROSS PALLET WEIGHT (_____ PALLETS @_____ LBS/PALLET)	
(Truck – 1,000 lbs. or More) ☐ Placards Required	GROSS SHIPPING WEIGHT	18,000

MODE	EQUIP.	TERMS
SPEC. CIR.	SPEC. TRAF. DATA	

THE DESCRIPTION AND WEIGHT INDICATED ON THIS BILL OF LADING ARE CORRECT SUBJECT TO VERIFICATION BY THE RAILROAD INSPECTION BUREAUS ACCORDING TO AGREEMENT.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

E. I. du Pont de Nemours & Company, Shipper

Per _____

Permanent post-office address of shipper.

_____ Agent

Per D+B Exp 1-27-88

1

E. I. DUPONT DE NEMOURS & CO., INC.
AUTOMOTIVE PRODUCTS DEPARMENT
TITLE III SUMMARY
RAW MATERIALS BY CAS NUMBER

DUPONT CODE	CAS NUMBER	CHEMICAL NAME	A	C	F	P	R
G- 51			X		X		
G- 107			X		X		
G- 162			X	X			
G- 253			X				
G- 256			X		X		X
G- 324			X	X	X		
G- 363			X	X	X		
G- 504			X				
G- 573			X	X	X		
G- 575			X		X		X
G- 584			X	X	X		X
G- 595			X	X	X		
G- 596				X	X		
G- 1360			X	X	X		
H- 83			X		X		
H- 107			X				
H- 494			X				
H- 529					X		
H- 598			X		X		
H- 668			X		X		
H- 745					X		
H- 869			X		X		
W- 662			X		X		
W- 867			X	X	X		
W- 889				X			
W- 6011			X		X		
W- 6012			X		X		
W- 6013			X		X		
W- 6014			X		X		
W- 6015			X		X		
KG-10295			X		X		
KG-10559			X		X		
KG-10569			X	X	X		
KG-10600					X		X
KG-10601							X
KH-10615			X	X	X		
G- 369		A 40% SOLUTION OF P-TOLUENE SULFONIC ACID IN ISOPROPYL ALCOHOL	X	X	X		
H- 780		A.P.C. PETROLEUM NAPHTHA-W.O.R.		X	X		
H- 429		ACCELERATOR SOLUTION	X	X	X		
KH-10479		ACETIC ACID-ESTER			X		
G- 1274		ACETOALKOXY ALUMINUM DIISOPROPYLATE	X		X		X
G- 1374		ACID PHOSPHATE-DIETHYLAMINE SOLUTION	X	X	X		
KG-10405		ACRYLATE ESTER					X
KG-10383		ACRYLATE ESTER/1-6 HEXANEDIOL DIACRYLATE		X			
KG-10518		ACRYLIC BUTYL CYANO ESTER	X	X	X		
KG-10457		ACRYLIC COPOLO/MER/XYLENE	X	X	X		
KG-10555		ACRYLIC COPOLYMER	X	X	X		
KG-10648		ACRYLIC COPOLYMER	X		X		
G- 1426		ACRYLIC COPOLYMER SOLUTION	X	X	X		

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G- 1427		ACRYLIC COPOLYMER SOLUTION	X	X	X		
G- 1434		ACRYLIC COPOLYMER SOLUTION	X	X	X		
KG-10557		ACRYLIC COPOLYMER SOLUTION	X	X	X		
G- 1269		ACRYLIC COPOLYMER/BUTYL ALCOHOL	X	X	X		
G- 1328		ACRYLIC COPOLYMER/N-BUTANOL/TOLUENE/2-ETHOXYETHYL ACETATE	X		X		
G- 1423		ACRYLIC COPOLYMER/TOLUENE	X	X	X		
G- 1352		ACRYLIC COPOLYMER/XYLENE/HEPTANE/MINERAL SPIRIT/ NAPHTHA/N-METHYL AMYL KETONE	X	X	X		
KW-10569		ACRYLIC DISPERSION	X		X		
KW-10570		ACRYLIC DISPERSION	X	X	X		
KW-10571		ACRYLIC DISPERSION	X	X	X		
KW-10572		ACRYLIC DISPERSION	X		X		
KW-10575		ACRYLIC DISPERSION	X		X		
KW-10577		ACRYLIC DISPERSION	X		X		
KW-10579		ACRYLIC DISPERSION	X		X		
KG-16276		ACRYLIC ENAMEL	X	X	X		
KG-10429		ACRYLIC ESTER OLIGOMER		X			
G- 599		ACRYLIC OLIGOMER/METHYL N-AMYL KETONE	X		X		
G- 1		ACRYLIC POLYMER	X	X	X		
G- 400		ACRYLIC POLYMER	X	X	X		
G- 1311		ACRYLIC POLYMER					X
KG-10501		ACRYLIC POLYMER		X	X		
G- 1354		ACRYLIC POLYMER/XYLENE/ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE	X	X	X		
G- 853		ACRYLIC RESIN	X		X		
G- 888		ACRYLIC RESIN	X		X		
G- 1307		ACRYLIC RESIN		X			
KG-16277		ACRYLIC RESIN	X	X	X		
KG-16306		ACRYLIC RESIN	X	X	X		
KG-16319		ACRYLIC RESIN	X	X	X		
KG-16320		ACRYLIC RESIN	X	X	X		
KG-16321		ACRYLIC RESIN	X	X	X		
G- 17		ACRYLIC RESIN SOLUTION	X	X	X		
G- 1399		ACRYLIC RESIN SOLUTION	X	X	X		
G- 1400		ACRYLIC RESIN SOLUTION	X	X	X		
G- 889		ACRYLIC RESIN/HEPTANE/XYLENE	X		X		
KG-16348		ACRYLIC RESIN/N-AMYL ACETATE	X		X		
KG-16222		ACRYLIC RESIN/SOLVENT	X	X	X		
KG-16224		ACRYLIC RESIN/SOLVENTS		X	X		
KG-16199		ACRYLIC RESIN/XYLENE	X	X	X		
G- 1281		ACRYLIC RESIN/XYLENE/ETHYL BENZENE	X	X	X		
KG-10461		ACRYLIC RESIN/XYLENE/ETHYL BENZENE	X	X	X		
G- 2514		ACRYLIC RESIN/XYLENE/ETHYL GLYCOL ACETATE	X	X	X		
G- 1173		ACRYLIC RESIN/XYLENE/ISOBUTANOL	X		X		
G- 1174		ACRYLIC RESIN/XYLENE/TOLUENE/BUOH	X		X		
W- 472		ACRYLIC RESIN/XYLOL/TOLUOL	X		X		
KG-10185		ACRYLIC SYRUP	X		X		X
W- 6623		ACRYLOURETHANE DISPERSION	X		X		
G- 1336		AGENT IN XYLENE	X	X	X		

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KH-16068		ALCOHOL/ETHYL ACETATE/METHYL ISBUTYL KETONE (100/5/1 GACS)		X	X		
KG-10447		ALIPHATIC ISOCYANATE / AROMATIC SOLVENT	X	X	X		X
H- 744		ALIPHATIC AMINE	X				
KG-10520		ALIPHATIC AMINE/PROPYLENE CARBONATE	X				
KG-10450		ALIPHATIC ISOCYANATE	X	X	X		X
KG-10427		ALIPHATIC POLYISCYANATE	X	X			X
G- 823		ALIPHATIC POLYISOCYANATE	X	X			X
G- 1163		ALIPHATIC POLYISOCYANATE/XYLENE/ETHYL GLYCOL ACETATE	X	X	X		X
G- 30		ALIPHATIC SOLVENT	X		X		
KG-16212		ALKOXYLATED AMMONIUM SALT		X	X		
G- 41		ALKYD	X	X	X		
G- 2667		ALKYD	X		X		
KG-10455		ALKYD	X	X	X		
G- 543		ALKYD IN HYDROCARBON	X		X		
G- 894		ALKYD POLYMER		X	X		
G- 1358		ALKYD REIN/XYLENE	X	X	X		
G- 94		ALKYD RESIN		X	X		
G- 1060		ALKYD RESIN	X	X	X		
G- 569		ALKYD RESIN (40%) IN LOW ODOR MINERAL SPIRITS			X		
W- 6016		ALKYD RESIN DISPERSION	X		X		
W- 6017		ALKYD RESIN DISPERSION	X		X		
W- 6018		ALKYD RESIN DISPERSION	X		X		
G- 1411		ALKYD RESIN IN N-BUTYL ACETATE AND ETHYL BENZENE		X	X		
G- 1370		ALKYD RESIN SOLUTION		X	X		
G- 1369		ALKYD RESIN/NAPHTHA/ISOBUTYL ALCOHOL/TOLUENE		X	X		
G- 1343		ALKYD RESIN/XYLENE		X	X		
G- 1359		ALKYD RESIN/XYLENE	X		X		
G- 1361		ALKYD RESIN/XYLENE	X		X		
G- 1368		ALKYD RESIN/XYLENE	X	X	X		
KG-10456		ALKYD RESIN/XYLENE	X	X	X		
KG-16082		ALKYD RESIN/XYLENE	X	X	X		
G- 899		ALKYD RESIN/XYLOL	X	X	X		
G- 581		ALKYL ALRYLATE/METHALRYLATE/VINYL ALKYL ETHER IN XYLENE	X	X	X		
KG-10486		ALKYL ORTHO FORMATE			X		X
G- 542		ALKYL PHOSPHATE	X				
KG-10434		ALKYL SULFATE/WATER		X			
H- 45		ALKYLARYL POLYETHER ALCOHOL		X			
H- 558		ALLYL METHACRYLATE	X	X	X		X
KG-16208		ALUINUM PASTE/MINERAL SPIRITS/NAPHTHOL	X	X	X		X
G- 739		ALUM PASTE	X		X		X
H- 91		ALUMINUM IN SOLVENT	X		X		
G- 456		ALUMINUM OXIDE		X			
W- 6009		ALUMINUM OXIDE	X				
W- 89		ALUMINUM PASTE	X		X		X
W- 112		ALUMINUM PASTE	X		X		X
W- 116		ALUMINUM PASTE	X		X		X
W- 127		ALUMINUM PASTE	X		X		X

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DUPONT CODE	CAS NUMBER	CHEMICAL NAME	A	C	F	P	R
W- 133		ALUMINUM PASTE	X	X	X		
W- 156		ALUMINUM PASTE	X	X	X		
W- 161		ALUMINUM PASTE	X	X	X		
W- 163		ALUMINUM PASTE	X	X	X		
W- 2501		ALUMINUM PASTE	X	X	X		
W- 6108		ALUMINUM PASTE	X	X	X		
W- 6128		ALUMINUM PASTE	X	X	X		
W- 6130		ALUMINUM PASTE	X	X	X		
W- 6142		ALUMINUM PASTE	X	X	X		
W- 6143		ALUMINUM PASTE	X	X	X		
W- 6169		ALUMINUM PASTE	X	X	X		
KW-10099		ALUMINUM PASTE	X	X	X		
KW-10482		ALUMINUM PASTE	X	X	X		
KW-16207		ALUMINUM PASTE	X	X	X		
KW-16239		ALUMINUM PASTE	X	X	X		
KW-16273		ALUMINUM PASTE	X	X	X		
KW-16340		ALUMINUM PASTE	X	X	X		
KW-16341		ALUMINUM PASTE	X	X	X		
KW-16343		ALUMINUM PASTE	X	X	X		
KW-16350		ALUMINUM PASTE	X	X	X		
KW-16208		ALUMINUM PASTE-MEDIUM	X	X	X		
W- 6111		ALUMINUM PASTE/ MINERAL SPIRITS/ NAPTHA	X	X	X		
W- 6136		ALUMINUM PASTE/ MINERAL SPIRITS/ NAPTHA	X	X	X		
W- 118		ALUMINUM PASTE/ MINERIAL SPIRITS/ NAPTHA	X	X	X		
W- 6153		ALUMINUM PASTE/AROMATIC SOLVENT	X	X	X		
KW-16334		ALUMINUM PASTE/MINERAL SPIRIT/HYDROCARBON	X	X	X		
W- 6124		ALUMINUM PASTE/MINERAL SPIRITS	X	X	X		
W- 6151		ALUMINUM PASTE/MINERAL SPIRITS	X	X	X		
KW-10096		ALUMINUM PASTE/MINERAL SPIRITS	X	X	X		
W- 101		ALUMINUM PASTE/MINERAL SPIRITS / NAPHTHA	X	X	X		
W- 82		ALUMINUM PASTE/MINERAL SPIRITS/ NAPHTHA	X	X	X		
W- 92		ALUMINUM PASTE/MINERAL SPIRITS/ NAPHTHA	X	X	X		
W- 106		ALUMINUM PASTE/MINERAL SPIRITS/ NAPHTHA	X	X	X		
W- 107		ALUMINUM PASTE/MINERAL SPIRITS/ NAPHTHA	X	X	X		
W- 110		ALUMINUM PASTE/MINERAL SPIRITS/ NAPHTHA	X	X	X		
W- 117		ALUMINUM PASTE/MINERAL SPIRITS/ NAPHTHA	X	X	X		
W- 80		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X	X	X		
W- 81		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X	X	X		
W- 142		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X	X	X		
W- 147		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X	X	X		
W- 151		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X	X	X		
W- 152		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X	X	X		
W- 154		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X	X	X		
W- 159		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X	X	X		
W- 167		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X	X	X		
W- 168		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X	X	X		
W- 181		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X	X	X		
W- 6100		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X	X	X		
W- 6101		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X	X	X		
W- 6102		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X	X	X		

TITLE III SUMMARY
RAW MATERIALS BY CAS NUMBER

DUPONT CODE	CAS NUMBER	CHEMICAL NAME	A	C	F	P	R
W- 6104		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X		X		X
W- 6105		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X		X		X
W- 6106		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X		X		X
W- 6107		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X		X		X
W- 6109		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X		X		X
W- 6110		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X		X		X
W- 6112		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X		X		X
W- 6114		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X		X		X
W- 6120		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X		X		X
W- 6134		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X		X		X
W- 6137		ALUMINUM PASTE/MINERAL SPIRITS/ NAPTHA	X		X		X
KW-16316		ALUMINUM PASTE/MINERAL SPIRITS/AROMATIC HYDROCARBON	X		X		X
KW-10094		ALUMINUM PASTE/MINERAL SPIRITS/NAPHTHA	X		X		X
W- 6103		ALUMINUM PASTE/MINERAL SPIRITS/NAPTHA	X		X		X
W- 6127		ALUMINUM PASTE/MINERAL SPIRITS/NAPTHA	X		X		X
W- 121		ALUMINUM PASTE/MINERAL SPIRTIS/ NAPTHA	X		X		X
KW-10080		ALUMINUM PASTE/MINERIAL SPIRITS & NAPTHA	X		X		X
KW-16169		ALUMINUM PIG/MINERAL SPIRITS/NAPTHOL	X		X		X
KW-16304		ALUMINUM PIGMENT IN A BLEND OF MINERAL SPIRITS AND HIGH-FLASH NAPHTHA.	X		X		X
KW-16338		ALUMINUM PIGMENT IN MINERAL SPIRITS AND FATTY ACIDS	X		X		X
W- 25		ALUMINUM/MIN. SPIRITS	X		X		X
KW-16332		ALUMINUM/MINERAL SPIRITS	X		X		X
KW-16264		ALUMINUM/MINERAL SPIRITS/NAPTHOL	X		X		X
G- 720		AMIDE IMIDE POLYMER	X				
G- 1345		AMIDE/POLYSILOXANE COPOLYMER	X	X	X		
G- 861		AMIDOAMINE RESIN	X	X			
KG-10366		AMINE DODECYLBENZENE SULFONATE	X				
G- 577		AMINE SALT OF AROMATIC SULFONIC ACID	X	X	X		X
G- 1327		AMINE SALT/TOLUENE/ISOBUTANOL/N-PROPANOL	X	X	X		
KG-10517		AMINO EPOXY RESIN	X	X	X		
G- 1366		AMMONIUMSALT/BUTANOL		X	X		
G- 1179		ANIONIC/NONIONIC SURFACTANT		X			
G- 1180		ANIONIC/NONIONIC SURFACTANT		X			
H- 321		ANTI-SETTING AGENT	X		X		
G- 240		ANTIMONY OXIDE	X	X			
KG-10524		AQUEOUS CATHODIC RESIN EMULSION		X			
KG-10633		AQUEOUS CATHODIC RESIN EMULSION		X			
G- 548		AROMATIC DISULFONIC ACID IN ISOBUTANOL	X	X	X		X
H- 353		AROMATIC HYDROCARBON	X	X	X		
KH-10564		AROMATIC HYDROCARBON SOLVENT	X		X		
G- 1195		AROMATIC POLYISOCYANATE	X	X	X		X
G- 1279		AROMATIC SULFONIC ACID	X	X	X		
G- 301		AROMATIC SULFONIC ACID IN ISOPROPYL ALCOHOL	X	X	X		X
H- 419		ASPHALT SOLUTION		X	X		
W- 178		BARIUM METABORATE	X				
KG-10639		BARIUM-CADMIUM-ZINC STABILIZER		X			
W- 605		BENZIDINE YELLOW/VINYL RESIN		X	X		

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G- 322		BENZOGUANAMINE/FORMALDEHYDE RESIN	X	X	X		
G- 837		BENZOQUANAMINE RESIN/2-BUTOXYL ETHANOL	X	X	X		
KG-10621		BENZOTRIAZOLE ACID	X	X			X
KG-10622		BENZOTRIAZOLE IMINO ESTER	X	X			X
KG-10620		BENZOTRIAZOLE METHACRYLATE	X	X			X
KG-10373		BICYCLIC AMIDINE	X				
G- 336		BIOCIDE		X			
H- 552		BIS (2-DIMETHYLAMINOETHYL) ETHER	X	X	X		
KG-10618		BIS(BARONDIFLOURO DIPHENYLGLYOXIMATE) COBALT					X
KG-10619		BIS(BARONDIFLUORO DIMETHYLGLYOXIMAT) COBALT					X
G- 345		BIS(2,2,6,6, TETRAMETHYL-4 PIPERIDYL) SEBACATE	X	X			
KG-10546		BIS-SILYL KETENE ACETAL			X		X
KW-16289		BISMUTH/MOLYDATE/VANATE PIGMENT		X			
G- 1181		BISPHENOL A/EPICHLOROHYDRIN /MEK/PGME		X	X		
KG-16308		BLACK ENAMEL OEM PRIMER		X	X		X
G- 361		BLACK VARNISH	X	X	X		
W- 6403		BROWN IRON OXIDE DISPERSION	X	X	X		
G- 170		BUSPERSE 53 DEFOAMER	X				X
H- 56		BUTYL ACID MALEATE -BUTANOL	X	X	X		
H- 4		BUTYL ACID PHOSPHATE	X				
KG-10425		BUTYL ACRYLATE	X	X	X		X
G- 1278		BUTYLATED MELAMINE FORMALDEHYDE RESIN 60% SOLUTION IN XYLENE/N-BUTYL ALCOHOL 50/50	X	X	X		
G- 310		BUTYLATED MELAMINE FORMALDEHYDE RESIN/BUTANOL	X	X	X		
G- 57		BUTYLATED MELAMINE RESIN 58% SOLID IN BUTANOL/XYLOL 30/12	X	X	X		
G- 593		BUTYLATED MELAMINE-FORMALDEHYDE RESIN 66.5% SOLIDS IN BUTYL ALCOHOL	X	X	X		
H- 371		BUTYROLACTONE	X				
KW-16226		C.I. PIGMENT GOLD	X	X	X		
KW-10304		C.I. PIGMENT GREEN 17	X				
KW-10307		C.I. PIGMENT GREEN 17	X				
KW-16274		C.I. PIGMENT METAL	X		X		X
KW10030		C.I. PIGMENT METAL 1	X		X		X
KW-16295		C.I. PIGMENT METAL 1	X		X		X
KW-16269		C.I. PIGMENT RED		X	X		X
KW-16270		C.I. PIGMENT RED		X	X		X
KW-16280		C.I. PIGMENT RED		X			
KW-10320		C.I. PIGMENT RED 101		X			
W- 442		C.I. PIGMENT RED 101/RESIN		X			
W- 460		C.I. PIGMENT RED 101/RESIN		X			
W- 441		C.I. PIGMENT RED 101/URETHANE RESIN	X	X	X		
W- 618		C.I. PIGMENT RED 104	X	X			
W- 622		C.I. PIGMENT RED 104	X	X			
W- 652		C.I. PIGMENT RED 104	X	X			
W- 655		C.I. PIGMENT RED 104	X	X			
KW-10091		C.I. PIGMENT RED 104		X			
KW-10092		C.I. PIGMENT RED 104		X			
W- 6808		C.I. PIGMENT RED 179		X			
W- 6817		C.I. PIGMENT RED 179	X	X	X		

DUPONT CODE	CAS NUMBER	CHEMICAL NAME	A	C	F	P	R
W- 898		C.I. PIGMENT RED 179/LDL RESIN		X			
W- 853		C.I. PIGMENT RED 202		X			
W- 6814		C.I. PIGMENT RED 206		X			
W- 800		C.I. PIGMENT RED 3	X		X		
W- 849		C.I. PIGMENT RED 3	X		X		
W- 862		C.I. PIGMENT RED 3	X		X		
W- 863		C.I. PIGMENT RED 48	X	X	X		
W- 6815		C.I. PIGMENT RED 88		X			
W- 661		C.I. PIGMENT RED-104	X	X			
KW-16191		C.I. PIGMENT RED/XYCOL/TOLVOL/ETHER ESTER/ALIPHATIC ESTER	X	X	X		
W- 818		C.I. PIGMENT VIOLET 19		X			
W- 819		C.I. PIGMENT VIOLET 19		X			
W- 839		C.I. PIGMENT VIOLET 19		X			
W- 845		C.I. PIGMENT VIOLET 19		X			
KW-10097		C.I. PIGMENT YELLOW	X	X			
W- 6606		C.I. PIGMENT YELLOW 110		X			
W- 6621		C.I. PIGMENT YELLOW 157	X				
W- 633		C.I. PIGMENT YELLOW 34	X	X			
W- 670		C.I. PIGMENT YELLOW 34	X	X			
W- 679		C.I. PIGMENT YELLOW 34	X	X			
W- 687		C.I. PIGMENT YELLOW 34	X	X			
W- 690		C.I. PIGMENT YELLOW 34	X	X			
W- 609		C.I. PIGMENT YELLOW 36	X	X			
W- 625		C.I. PIGMENT YELLOW 36	X	X			
W- 619		C.I. PIGMENT YELLOW 42/ACRYLIC RESIN	X	X	X		
W- 617		C.I. PIGMENT YELLOW 42/VINYL RESIN		X	X		
W- 629		C.I. PIGMENT YELLOW 53	X				
W- 464		C.I. PIGMENT 101/MINERAL SPIRITS/ALKYD RESIN	X		X		
W- 666		C.I. PIGMENT 34	X	X			
H- 878		CALCIUM ALKANOATE/MINERAL SPIRITS	X		X		
KH- 1639		CALCIUM DRIER	X		X		
KH-10516		CALCIUM DRIER	X		X		
H- 607		CALCIUM NAPHTHENATE SOLUTION-4% CALCUIM	X		X		
H- 831		CALCIUM OCTOATE	X		X		
H- 859		CALCIUM/BISMUTH DRIER IN MINERIAL SPIRITS	X		X		
KW-10305		CAMOUFLAGE GREEN	X				
G- 33		CARBAMATE RESIN	X	X			
W- 6209		CARBON BLACK/BUTYL ACETATE			X		
W- 6200		CARBON BLACK/CELLULOSE ACETATE BUTYRATE/SANTICIZER 160		X			
H- 805		CARBOXYLIC ACID IN XYLENE AND N-BUTANOL	X	X	X		
G- 1313		CATALYST/ISOBUTANOL	X	X	X		X
KH-10629		CATHODIC DISTILLATE		X			
H- 806		CATIONIC SURFACTANT	X	X	X		
KW-10321		CERAMIC MICROSPHERES	X				
KW-16210		CERAMIC MICROSPHERES		X			
G- 532		CHINAWOOD OIL MODIFIED PHENOLIC VARNISH RULE 166 ANALOG OF G-352, VC-8268	X	X	X		
G- 510		CHINAWOOD/LINSEED OIL VARNISH	X		X		

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G- 517		CHINAWOOD/SOYA OIL HYDROCARBON RESIN VARNISH	X		X		
KH-16299		CHLORINATED HYDROCARBON	X	X			
H- 220		CHLORINATED PARAFFIN					X
KG-10451		CHLORINATED POLYOLEFIN/XYLENE	X	X	X		
G- 1092		CHLORINATED RUBBER	X	X			X
KW-10056		CHROME ANTIMONY TITANATE	X	X			
W- 6638		CHROME PIGMENT/ALKYD RESIN	X	X	X		
W- 6639		CHROME PIGMENT/ALKYD RESIN	X	X	X		
T- 3929		CLEAN UP SOLVENT	X	X	X		
H- 542		COBALT DRIER/MINERAL SPIRITS/N-BUTANOL	X		X		
H- 172		COBALT NAPHTHENATE SOLUTION			X		
H- 163		COBALT OCTOATE/MINERIAL SPIRITS	X		X		
KG-10665		COCONUT OIL FATTY ACID MODIFIED ALKYD RESIN	X	X	X		
KG-10663		COCONUT OIL MODIFIED ALKYD RESIN	X	X	X		
G- 526		COPOLYMER OF BISPHENOL A EPICHLOROHYDRIN 40% SOLIDS IN MEK		X	X		
G- 1428		COPOLYMER/METHOXYPROPYLACETATE	X	X	X		
G- 1096		COPOLYMER/METHYL ETHYL KETONE	X	X	X		
G- 1294		COPOLYMER/XYLENE/N-BUTYL ACETATE	X	X	X		
W- 249		COPPER CHROMITE BLACK SPINEL		X			
W- 416		CUPROUS OXIDE	X	X			
G- 880		CURING AGENT	X	X			
H- 81		CYCLO ALIPHATIC DIISOCYANATE	X	X			X
G- 1183		CYCLOALIPHATIC AMINE SOLUTION	X	X			X
KH-10392		CYCLOALIPHATIC ETHER		X	X		
G- 879		CYCLOALIPHATIC POLYAMINE ADDUCT	X	X			
G- 629		DAMAR/TOLUOL	X	X	X		X
G- 1318		DEFOAMER			X		X
H- 282		DEFOAMER	X	X	X		
KG-16204		DEFOAMER	X		X		
H- 802		DENATURED ALCOHOL			X		
H- 1		DENATURED ETHYL ALCOHOL		X	X		
KG-16356		DI-ME 3-HYDROXYPROPYL ME ETHOXYLATED IN 2-PROPANOL	X	X	X		X
W- 3615		DIARYLIDE YELLOW	X				
W- 165		DIATOMACEOUS EARTH	X	X			
W- 1011		DIATOMACEOUS EARTH	X	X			
G- 551		DIBUTYL TIN OXIDE		X			
KH- 1607		DIETHYLENE GLYCOL DIMETHYL ETHER			X		X
KH-10436		DIETHYLENE GLYCOL MONOETHYL ACETATE	X	X	X		
H- 389		DIETHYLHYDROXYAMINE	X		X		
G- 1418		DIKETIMINE INTERMEDIATE	X	X	X		
KG-10375		DIMETHYL MALEATE	X				X
G- 1365		DIMETHYLDIPHENYLSILOXANE	X		X		
G- 1304		DINONYLNAPHTHALENESULFONIC ACID/ETHYLENE GLYCOL MONOBUTYL ETHER	X	X	X		X
KG-10363		DISPERSANT/SIRUP MIXTURE - INHIBITED	X		X		X
KG-10522		DISPERSING AGENT	X	X	X		
G- 34		DISULFONIC ACID CATALYST	X	X	X		
H- 322		DRIER	X	X	X		
H- 808		DRIER BLEND	X		X		

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H- 809		DRIER BLEND	X		X		
H- 894		DRIER BLEND/BUTYL ACETATE/NAPHTHA	X	X	X		
G- 535		EPON RESIN SOLUTION	X	X	X		
G- 1160		EPOXY		X	X		
KG-10521		EPOXY AMINO OXAZINE ESTER	X	X	X		
G- 124		EPOXY ESTER	X	X	X		
G- 1288		EPOXY ESTER RESIN	X	X	X		
G- 1105		EPOXY RESIN	X				
G- 1355		EPOXY RESIN	X				
G- 1379		EPOXY RESIN	X	X	X		
G- 1394		EPOXY RESIN	X	X	X		
KG- 1554		EPOXY RESIN	X	X	X		
KG- 7688		EPOXY RESIN	X				
KG-10484		EPOXY RESIN	X				
KG-10525		EPOXY RESIN		X			
KG-16201		EPOXY RESIN	X	X	X		
KG-10543		EPOXY RESIN - LOW VISCOSITY					X
KW-10590		EPOXY RESIN DISPERSION	X	X	X		
G- 1340		EPOXY RESIN OF BISPHENOL A IN N-BUTYL ALCOHOL	X	X	X		X
G- 1398		EPOXY RESIN SOLUTION	X	X	X		
KG-10453		EPOXY RESIN/N-BUTYL ALCOHOL	X	X	X		X
KG-16223		EPOXY RESIN/SOLVENTS	X	X	X		
KG-10345		EPOXY RESIN/XYLOL	X	X			
KG-10370		ESTER OF ALKOYXLATED ALKYL PHENOL SULFONIC ACID	X				
G- 536		ETHERFIED MELAMINE- FORMALDEHYDE RESIN	X	X	X		
G- 264		ETHERIFIED MELAMINE-FORMALDEHYDE RESIN	X	X	X		
G- 1410		ETHOXYLATED BISPHENOL A	X				
H- 43		ETHYL ALCOHOL			X		
KH-10371		ETHYLENE GLYCOL DIMETHACRYLATE	X		X		X
H- 870		ETHYLENE GLYCOL MONO-2-ETHYLHEXYL ETHER	X				X
G- 898		ETHYLENE-TETRAFLUOROETHYLENE COPOLYMER					X
G- 75		FATTY ACID IN PROPASOL P (PRODYLENE GLYCOL MONOPROPYL ETHER)		X	X		
H- 138		FATTY ALCOHOL SULFATE	X	X	X		X
KG-10466		FEP FLUOROCARBON RESIN	X	X			
G- 146		FEP-FLUOROCARBON RESIN DISPERSION	X	X			
G- 843		FLUORINATED SURFACTANT		X			
H- 817		FLUOROALIDNATIC BLYMERIC/ETHYL ACETATE		X	X		
G- 550		FLUOROCARBON RESIN DISPERSION		X			
G- 559		FLUOROCARBON RESIN DISPERSION	X	X			
G- 873		FLUOROCHEMICAL/ISOPROPANOL		X			
H- 491		FORMALDEHYDE SOLUTION	X	X	X		X
N- 211		FURNANCE BLACK/ VINYL RESIN/ MEK		X	X		
H- 818		G-AMINOPROPYITRIETHOXYSILANE	X	X			X
H- 559		GAMMA-GLYCIDOXYPROPYLTRIMETHOXYSILIANE	X	X			
G- 993		GASOLINE	X		X		
G- 1124		GILSONITE/ASPHALT/MINERAL SPIRIT/NAPHTHA	X		X		
H- 354		GLYCIDYL ESTER OF TERT CARBOXYLIC ACID		X			
W- 6605		GOLD PIGMENT		X			
H- 510		GUAIACOL MIXTURE	X	X	X		

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H- 511		HEXAHYDRO-1,3,5-TRIETHYL-5 TRIAZINE	X		X		X
G- 1161		HEXAMETHOXYMETHYL MELAMINE	X	X			
G- 302		HEXAMETHOXYMETHYL MELAMINE IN ISOPROPANOL		X	X		
H- 34		HEXANE/HEPTANE	X		X		
H- 130		HEXYL CELLOSOLVE	X	X	X		
KW-10578		HI SOLIDS WHITE DISPERSION	X	X	X		
W- 256		HIGH COLOR BLACK CHIPS		X			
W- 298		HIGH COLOR BLACK DISPERSION	X	X	X		
G- 647		HIGH MELTING SYNTHETIC WAX	X				
KG-16335		HIGH MOLECULAR WEIGHT BLOCK CO-POLYMER	X	X	X		
G- 1050		HIGH MOLECULAR WEIGHT EPOXY RESIN		X			
G- 572		HIGH MOLECULAR WEIGHT LINEAR COPOLYMER OF BISPHENOL A AND EPICHLOROHYDRIN IN 52.5% MEK	X	X	X		
G- 842		HINDERED AMINE/ XYLENE	X	X	X		
KG-16209		HINDERED AMINE/XYLENE	X	X	X		
KH-10636		HYDROCARBON SOLVENT BLEND	X	X	X		
G- 996		HYDROFLUORIC/SULFURIC ACIDS	X				X
H- 62		HYDROXYETHYL METHACRYLATE- EXP. 1200 (MEHQ)	X				X
H- 32		INHIBITOR	X	X	X		X
H- 182		IRON NAPHTHENATE SOLUTION- 6% IRON	X		X		
W- 870		IRON OXIDE		X			
W- 6133		IRON OXIDE COATED WITH MICA	X	X			
KW-10574		IRON OXIDE DISPERSION	X	X	X		
KW-10576		IRON OXIDE DISPERSION	X	X	X		
W- 6610		IRON OXIDE PIGMENT DISPERSION	X		X		
W- 438		IRON OXIDE/ACRYLIC RESIN	X		X		
W- 3401		IRON OXIDE/ALKYD RESIN/XYLOL	X		X		
W- 411		IRON OXIDE/VINYL CHLORIDE/VINYL ACETATE		X	X		
G- 876		ISO-BUTYLIATED MELAMINE FORMALDENYDE RESIN	X	X	X		
G- 1324		ISOBUTANOL/XYLENE/UREA-FORMALDEHYDE RESIN	X	X	X		
G- 1350		ISOCYANATE PREPOLYMER	X	X	X		
KH-10423		ISOPARAFFINIC PETROLEUM SOLVENT	X	X	X		
G- 1363		ISOPROPANOL/TETRAMETHYLDECYNDIOL	X	X	X		
W- 6637		L/F ORANGE DISPERSION	X	X	X		
G- 1182		L/M/S ADDITIVE	X		X		
G- 914		LABEL ADHESIVE	X				
W- 6203		LAMP BLACK DISPERSION	X	X	X		
H- 880		LEAD ALKANOATE/MINERAL SPIRITS	X		X		
KW-10093		LEAD CHROMATE / LEAD SULPHATE		X			
W- 6628		LEAD CHROMATE/LEAD SULFATE	X	X			
KW-10634		LEAD CONTAINING PIGMENT DISPERSION		X			
H- 624		LEAD NAPHTHENATE SOLUTION 24%	X	X	X		
H- 170		LEAD OCTOATE	X	X	X		
W- 665		LEAD SILICO CHROMATE	X	X			
W- 6635		LIGHT YELLOW DISPERSION	X	X	X		
G- 531		LINSEED OIL NON-HEAT REACTIVE PHENOLIC VARNISH	X	X	X		
H- 783		LITHIUM NAPHTHENATE	X	X			
H- 891		LITHIUM NEODECANOATE DRIER/DIETHYLENE GLYCOL MONOBUTYL ETHER	X	X			
KG- 8736		LITHIUM POLYSILICATE	X	X			X

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H- 567		LUPERSOL 80	X		X	X	X
G- 104		M-PHENYLENEDIAMINE	X	X			X
G- 155		MALEIC RESIN SOLUTION, 50% SOLIDS IN XYLENE	X	X	X		
KG-10673		MALEINIZED OIL RESIN		X			X
H- 879		MANGANESE CARBOXYLATE/MINERAL SPIRITS	X		X		
H- 173		MANGANESE NAPHTHENATE SOLUTION- 6% MANGANESE	X		X		
W- 6636		MEDIUM YELLOW DISPERSION	X	X	X		
KW-10580		MELAMINE DISPERSION	X	X	X		
KW-10581		MELAMINE DISPERSION	X	X	X		
KW-10582		MELAMINE DISPERSION	X	X	X		
KW-10583		MELAMINE DISPERSION	X	X	X		
KW-10584		MELAMINE DISPERSION	X	X	X		
KW-10585		MELAMINE DISPERSION	X	X	X		
KW-10586		MELAMINE DISPERSION	X		X		
KW-10588		MELAMINE FORMALDEHYDE DISPERSION	X	X	X		
G- 50		MELAMINE FORMALDEHYDE RESIN	X	X	X		
G- 90		MELAMINE FORMALDEHYDE RESIN	X	X	X		
G- 480		MELAMINE FORMALDEHYDE RESIN	X	X	X		
G- 540		MELAMINE FORMALDEHYDE RESIN		X			
G- 851		MELAMINE FORMALDEHYDE RESIN	X	X	X		
G- 868		MELAMINE FORMALDEHYDE RESIN	X	X	X		
G- 1270		MELAMINE FORMALDEHYDE RESIN		X			
KG-10515		MELAMINE FORMALDEHYDE RESIN	X	X	X		
KG-10347		MELAMINE FORMALDEHYDE RESIN IN BUTANOL	X	X			
G- 890		MELAMINE FORMALDEHYDE RESIN/BUTANOL/XYLENE	X	X	X		
KG-16244		MELAMINE FORMALDEHYDE RESIN/ISOBUTANOL		X	X		
KG-16286		MELAMINE FORMALDEHYDE/ISOBUTYL ALCOHOL	X	X	X		
KG-16054		MELAMINE FORMALDEHYE POLYMER	X	X	X		
G- 549		MELAMINE RESIN	X	X	X		
G- 598		MELAMINE RESIN		X	X		
G- 1409		MELAMINE RESIN SOLUTION	X	X	X		
G- 1295		MELAMINE RESIN/N-BUTYL ACETATE/N-BUTANOL	X	X	X		
G- 1296		MELAMINE RESIN/N-BUTYL ACETATE/N-BUTANOL	X	X	X		
G- 1298		MELAMINE RESIN/N-BUTYL ACETATE/N-BUTYL ALCOHOL	X	X	X		
G- 1346		MELAMINE RESIN/N-BUTYL ALCOHOL		X	X		X
G- 850		MELAMINE-FORMALDEHYDE RESIN	X	X	X		
G- 1424		MELAMINE-FORMALDEHYDE RESIN/ISOBUTYL ALCOHOL	X	X	X		
G- 1323		MELAMINE-FORMALDEHYDE RESIN/N-BUTYL ALCOHOL	X	X	X		
KH- 7650		METALLIC SOAPS - CALCIUM, ZINC AND A TRACE OF COBALT, IN MINERAL SPIRITS.			X		
G- 1362		METHLATED MELAMINE FORMALDEHYDE RESIN	X	X	X		
KG-10193		METHYL METHACRYLATE POLYMER MIXTURE	X		X		X
KG-10608		METHYL PARA-TOLUENE SULFONATE	X				X
G- 1031		METHYL SILOXANE LINEAR/CYCLIC			X		
KG-16205		METHYLATED MEAMINE/CELLOSOLVE	X	X	X		
G- 77		METHYLATED MELAMINE FORMALDEHYDE RESIN	X	X	X		
G- 841		METHYLATED/BUTYLATED MELAMINE RESIN		X			
G- 600		METHYLMETHACRYLATE POLMER	X				
G- 1300		METHYLPOLYSILOXANE	X		X		
M- 174		MICA COATED WITH TITANIUM DIOXIDE		X			

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W- 6166		MICA FLAKE COATED WITH IRON OXIDE	X				
KW-16292		MICA FLAKE COATED WITH IRON OXIDE		X			
KW-16293		MICA FLAKE COATED WITH IRON OXIDE		X			
W- 6168		MICA FLAKE COATED WITH TIO2	X	X	X		
KW-16357		MICA FLAKE COATED WITH TIO2		X			
W- 6167		MICA FLAKE COATED WITH TITANIUM DIOXIDE	X	X			
W- 6141		MICA/IRON OXIDE	X	X			
W- 6149		MICA/IRON OXIDE	X				
W- 6155		MICA/IRON OXIDE	X				
W- 6631		MICA/IRON OXIDE	X	X			
W- 6632		MICA/IRON OXIDE	X				
KW-10471		MICA/IRON OXIDE	X				
KW-10472		MICA/IRON OXIDE	X				
KW-10476		MICA/IRON OXIDE	X				
W- 6157		MICA/IRON OXIDE IN A HYDROCARBON SOLVENT	X		X		
W- 6158		MICA/IRON OXIDE WETTED WITH A HYDROCARBON SOLVENT	X		X		
KW-16228		MICA/TIO2	X	X			
KW-16242		MICA/TIO2	X				
W- 160		MICA/TITANIUM DIOXIDE		X			
W- 6500		MICA/TITANIUM DIOXIDE	X	X			
KW-10606		MICA/TITANIUM DIOXIDE	X		X		
W- 6510		MICA/TIO2/TINOXIDE/CHROMIUM HYDROXIDE	X				
G- 1314		MINERAL SPIRIT/DIPROPYLENE GLYCOL MONOETHYL ETHER	X		X		
H- 27		MINERAL SPIRITS	X	X	X		
G- 1196		MODIFIED BISPHENOL A/EPICHLOROHYDRIN RESIN SOLUTION	X	X	X		
KG-10652		MODIFIED COCONUT OIL ALKYD RESIN IN 1-BUTANOL	X	X	X		
KG-10519		MODIFIED EPOXY RESIN	X	X	X		
KG-16013		MODIFIED MELAMINE RESIN	X		X		
W- 669		MOLYBDATE ORANGE	X	X	X		
W- 6640		MOLYBDATE PIGMENT/ALKYD RESIN	X	X	X		
W- 6603		MONASTRAL GOLD /ACRYLIC RESIN			X		
KW-16254		MONASTRAL MAGENTA CHIP		X			
KW-16301		MONASTRAL MAGENTA POLYESTER DISPERSION.	X	X	X		
W- 6816		MONASTRAL RED/ACRYLIC RESIN	X	X	X		
KW-16300		MONASTRAL VIOLET POLYESTER DISPERSION	X	X	X		
G- 838		MONOMER	X	X			
KG-10567		N- PROPYLAMINE/METHANOL	X	X	X		X
G- 490		N-(TRICHLOROMETHYLTHIO) PHTHALIMIDE	X	X			
KG-10674		N-(TRIETHOXYSILYLPROPYL)UREA/METHANOL	X	X	X		
H- 378		N-BUTANOL FORMALDEHYDE	X	X	X		
H- 860		N-BUTYL METHACRYLATE			X		X
G- 1277		N-BUTYLATED MELAMINE FORMALDEHYDE RESIN	X	X	X		
G- 580		N-BUTYLATED MELAMINE/FORMALDEHYDE RESIN	X	X	X		
H- 801		N-BUTYOXY METHYL ACRYLAMIDE	X	X	X		
H- 183		N, N-DIMETHYL BENZYL AMINE	X	X	X		
G- 568		N,N'DISECONDARY BUTYL-P-PHENYLENE	X	X			
G- 1272		NAD RESIN	X	X	X		
W- 612		NICKEL,BIS 3- 4- CHLOROPHENYL A202-2,4 (1H,3H) QUNO LINE DIONATO	X				X

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G- 855		NITROCELLULOSE RESIN	X	X	X		X
KG-16305		NON-STYRENE, UNSATURATED POLYESTER RESIN IN XYLENE	X	X	X		
KH-10394		NONYL PHENOL POLYETHYLENE OLYCOL ETHER/WATER		X			
H- 716		NONYLPHENOXYPOLY(ETHYLENEOXY)ETHANOL	X	X			
H- 609		OCTYLPHENOXYPOLYETHOXYENTHANOL NONIONIC SURFACTANT	X	X			
H- 746		OCTYLPHENOXYPOLYETHOXYETHANOL	X				
KG-16311		OEM PRIMER	X	X	X		
KG-10640		OIL FREE POLYESTER	X	X	X		
G- 173		OIL MODIFIED URETHANE IN APC MIN SPIRITS			X		
G- 269		OIL SOLUBLE DYE	X		X		
H- 611		OIL, TERPENE, ALDEHYDE, KETONE MIX			X		
G- 71		OLEO RESINOUS VEHICLE 50% SOLID IN ODORLESS MINERAL SPIRTS	X		X		
G- 1408		ORGANIC ACID	X	X	X		
KG-10139		ORGANIC ACID PHOSPHATE AMINE ADDUCT	X		X		
KH-10139		ORGANIC ACID PHOSPHATE AMINE ADDUCT	X		X		
KG-10628		ORGANIC ACID SALT		X			
W- 2661		ORGANIC NITROGEN SALT	X				
KG-16282		ORGANIC PHOSPHATE/ISBUTYL ALCOHOL	X	X	X		
KG-10241		ORGANIC POLYMER / HI-FLASH NAPHTHA	X		X		
KG-10499		ORGANIC PRESERVATIVE/WATER	X	X			X
KG-10390		ORGANOSILANE ESTER	X	X	X		X
H- 63		ORGANOSILICONE FLUID		X			
G- 547		OXY ETHYLENE METHYL SILOXANE			X		
G- 874		OXYETHYLENE METHYL SILOXANE	X	X			
G- 1303		P-TOLUENESULFONIC ACID	X	X	X		X
H- 380		PAINT ADDITIVE	X	X	X		
G- 916		PAINT AND VARNISH REMOVER	X		X		X
G- 566		PARTIALLY BUTYLATED MELAMINE- FORMALDEHYDE RESIN (60% SOLIDS)	X	X	X		
G- 1003		PE WAX DISPERSION	X	X	X		
KG-10654		PENTANEDIOIC ACID		X			
G- 111		PERFLUOROALKOXY POLYMER	X	X			
W- 6813		PERRINDO MAROON		X			
W- 6804		PERRINDO MAROON CHIP		X			
KW-16302		PERRINDO RED DISPERSION	X		X		
KW-16271		PERYLENE PIGMENT	X				
KW-16275		PERYLENE PIGMENT	X				
KW-16287		PERYLENE PIGMENT DISP.	X	X	X		
H- 864		PETROLEUM DISTILLATE	X	X	X		
H- 874		PETROLEUM DISTILLATES	X		X		
H- 875		PETROLEUM DISTILLATES	X		X		
H- 416		PETROLEUM NAPTHA (155-190 C)		X	X		
G- 1114		PHENOL FORMALDEHYDE RESIN	X	X	X		
G- 737		PHENOL, POLYMER WITH FORMALDEHYDE	X	X			
G- 592		PHENOLIC ALKYD	X		X		
KG-10358		PHENOLIC ANTIOXIDANT		X			
G- 70		PHENOLIC RESIN	X		X		
G- 328		PHENOLIC RESIN	X				X
G- 610		PHENOLIC RESIN					X

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DUPONT CODE	CAS NUMBER	CHEMICAL NAME	A	C	F	P	R
G- 1285		PHENOLIC RESIN					X
G- 2664		PHENOLIC RESIN	X	X	X		
G- 802		PHENOLIC RESIN IN DRYING OIL	X	X	X		
KG-16173		PHENOLIC RESIN PRIMER	X		X		
G- 121		PHENYL ACID PHOSPHATE	X	X	X		
W- 6503		PHTHALO BLUE	X	X	X		
W- 6700		PHTHALO GREEN	X	X	X		
W- 547		PHTHALOCYANINE BLUE					X
W- 571		PHTHALOCYANINE BLUE		X	X		
W- 530		PHTHALOCYANINE BLUE/WATER		X			
W- 783		PHTHALOCYANINE PIGMENT GREEN	X	X	X		
KW-16342		PIGMENT ORANGE 62 DISPERSION		X	X		
W- 3612		PIGMENT RED	X				
W- 3606		PIGMENT RED 104	X				
W- 3609		PIGMENT YELLOW 34	X				
KW-10616		PIGMENT, POWDER, TITANIUM DIOXIDE COATED MICA WITH 9.0% SOLVENT	X		X		
KW-10617		PIGMENT, POWDER, TITANIUM DIOXIDE COATED MICA WITH 9.0% SOLVENT	X		X		
KG-10463		POLSILOXANE/SOLVESSO 150			X		
KG-10595		POLY(ETHERKETONEKETONE)	X		X		X
KG-10485		POLYACRYLATE/XYLENE	X	X	X		
G- 553		POLYAMIDE IMIDE/METHYL PYRROLIDONE	X	X	X		
G- 312		POLYAMIDE POLYMER	X	X	X		X
G- 1425		POLYAMIDE RESIN SOLUTION	X	X	X		
G- 849		POLYAMIDE/PROPYLENE GLYCOL METHYL ETHEL		X	X		
G- 1138		POLYAMIDE/XYLENE	X	X	X		X
G- 1333		POLYAMINE AMIDES	X	X	X		
G- 1310		POLYAMONO-AMIDE		X	X		
G- 815		POLYCAPROLACTONE DIOL			X		
G- 497		POLYESTER POLYMER	X		X		
KG-10553		POLYESTER POLYOL					X
G- 35		POLYESTER RESIN	X	X	X		
G- 1172		POLYESTER RESIN	X		X		
G- 1178		POLYESTER RESIN		X	X		
G- 1326		POLYESTER RESIN		X	X		
G- 1395		POLYESTER RESIN			X		
KG-10426		POLYESTER RESIN	X	X	X		
KG-10500		POLYESTER RESIN	X	X	X		
KG-10612		POLYESTER RESIN	X				
KG-10635		POLYESTER RESIN	X	X			
KG-10662		POLYESTER RESIN	X	X	X		
KG-16281		POLYESTER RESIN		X	X		
KG-16345		POLYESTER RESIN	X	X	X		
G- 858		POLYESTER RESIN / METHOXYBUTYLACETATE			X		
G- 864		POLYESTER RESIN / PM ACETATE / XYLENE	X	X	X		
G- 1171		POLYESTER RESIN SOLUTION	X	X	X		
G- 1405		POLYESTER RESIN SOLUTION	X	X	X		
KG-16259		POLYESTER RESIN/EYLENE		X	X		
G- 1291		POLYESTER RESIN/XYLENE	X	X	X		

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KG-16258		POLYESTER RESIN/XYLENE		X	X		
KG-16256		POLYESTER URETHANE RESIN/HEXANE		X	X		
H- 781		POLYETHER SULFONATE	X				
H- 174		POLYETHER-POLYSILOXANE CO-POLYMER					X
H- 365		POLYETHOXYLATED QUATERNARY AMMOMIUM SALT	X		X		
G- 308		POLYETHYLENE		X			
H- 810		POLYETHYLENE / BUTYL CELLOSOLVE	X		X		
G- 36		POLYETHYLENE/XYLENE	X	X	X		
G- 557		POLYISOCYANATE	X	X	X		X
G- 583		POLYISOCYANATE	X	X	X		X
KG-10416		POLYISOCYANATE	X	X	X		
KG-10488		POLYISOCYANATE COPOLYMER	X	X	X		X
G- 597		POLYISOCYANATE 75% SOLIDS IN BUTYL ACETATE AND XYLOL 1/1	X	X	X		X
KG-10419		POLYMER/2-ETHYL-2-HYDROXYMETHYL-1,3-PROPANEDIOL		X	X		
KG-10418		POLYMERIC ETHYL ACETATE		X	X		
G- 625		POLYMERIC RESIN DISPERSED IN APC MINERIAL SPIRITS	X		X		
G- 343		POLYMERIZED ESTER DERIVATIVE	X		X		
H- 585		POLYOLEFINS	X		X		
KG-10408		POLYSILOXANE			X		
G- 1419		POLYSILOXANE - POLYETHER COPOLYMER			X		
H- 89		POLYSILOXANE IN TOLUOL	X	X	X		
G- 1407		POLYSILXANE CO-POLYMER SOLUTION	X	X	X		
KG-16325		POLYURETHANE CHIP PRIMER	X	X	X		
G- 1431		POLYURETHANE LACQUER		X			X
KG-16290		POLYURETHANE LACQUER		X			X
G- 1367		POLYURETHANE LACQUER/TOLUENE/ISOPROPANOL		X	X		
KG-10526		POLYURETHANE PREPOLYMER SOLUTION	X	X	X		
G- 1233		POLYURETHANE PREPOXYMER/CELLOSOLVE AEETATE/XYLENE	X	X	X		
G- 770		POLYVINYL ISOBUTYL ETHER SOLUTION.	X	X	X		
G- 1265		PRECATALYZED EPOXY RESIN	X	X	X		
G- 1243		PRECATALYZED EPOXY RESIN/XYLENE/2-METHOXY ETHANOL CATALYST	X	X	X		
KG-16310		PRIMER RHEOLOGY CONTROL AGENT	X	X	X		
KG-16285		PRIMER SURFACER	X	X	X		
KH-10672		PROPIONIC ACID, N-BUTYL ESTER		X	X		
KH-10386		PROPRIETARY	X				
G- 1306		PROPRIETARY AGENT IN XYLENE	X	X	X		
KH-10503		PROPYLENE GLYCOL ETHER ACETATE			X		
KG-10533		PYRALIN POLYIMIDE COATING	X		X		X
W- 6810		QUINACRIDONE RED		X			
W- 6303		QUINACRINONE RED	X	X	X		
W- 899		QUINACRINONE RED ACRYLIC DISPERSION		X			
W- 6822		QUINACRINONE VIOLET DISPERSION	X	X	X		
G- 563		REACTIVITY BUTYLATED MELAMINE FORMALDEHYDE RESIN 80% SOLIDS IN N-BUTANOL		X	X		
KH-10613		RECLAIMED SOLVENT	X	X	X		
KH-10630		RECLAIMED SOLVENT	X	X	X		
W- 6819		RED BROWN PEARL FLAKE	X	X			
W- 6404		RED IRON OXIDE PIGMENT	X	X	X		

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W- 443		RED IRON OXIDE/RESIN	X	X	X		
W- 406		RED SHADE TRANSPARENT IRON OXIDE FLUSHING	X	X	X		
W- 403		REFINED GOLD PASTE	X	X	X		
G- 1298		RESIN	X		X		
KG-10566		RESIN	X	X	X		X
G- 44		RESIN PASTE/MINERAL SPIRITS	X		X		
KG-10554		RESIN/HEPTANE/NAPHTHA/N-BUTYL ACETATE/ETHYL ALCOHOL	X	X	X		
KG-10568		RESIN/ISOPROPYL ALCOHOL	X	X	X		
KG-10565		RESIN/METHANOL	X	X	X		
G- 1239		ROSIN/MINERAL SPIRITS	X	X	X		
W- 6818		RUSSET PEARL FLAKE	X	X			
W- 6140		RUTILE PEARL FLAKE	X	X			
G- 1257		SALT OR POLYCARBOXYLIC ACID/XYLENE	X	X	X		
W- 1021		SILICA	X	X			
G- 866		SILICA/POLYGLYCOL/MINERAL SPIRITS	X		X		
G- 558		SILICON DIOXIDE	X				
W- 22		SILICON DIOXIDE	X				
W- 172		SILICON DIOXIDE	X				
KW-10315		SILICON DIOXIDE	X				
G- 860		SILICON-FLUOROCARBON RESIN/XYLOL-BUTANOL	X	X	X		
G- 1319		SILICONE					X
G- 1377		SILICONE					X
G- 53		SILICONE FLUID			X		
H- 803		SILICONE OIL			X		
H- 804		SILICONE OIL	X	X	X		
H- 807		SILICONE OIL	X	X	X		
G- 887		SILICONE OIL/BUTOXYETHANOL	X	X	X		
G- 37		SILICONE RESIN	X		X		
G- 52		SILICONE RESIN	X	X	X		
G- 1147		SILICONE RESIN	X	X	X		
G- 106		SILICONE RESIN IN XYLOL/BUTANOL	X	X	X		
KG-16288		SILICONE RESIN/TOLUENE	X	X	X		
G- 1356		SILICONE RESIN/1-METHOXY-2-PROPYLACETATE			X		
G- 813		SILICONE RESIN, 60% SOLIDS IN TOLUENE	X	X	X		
KG-10391		SILICONE_IN /XYLENE	X	X	X		
G- 884		SILOXANE WETTING AGENT		X	X		
KG-10541		SILYL KETENE ACETAL		X	X		X
KG-10644		SILYL KETENE ACETAL	X	X	X		X
KG-10319		SODIUM ALLYL SULFOSUCCINATE/WATER	X				
KG- 7681		SODIUM FORMALDEHYDE SULFOXYLATE	X				
G- 414		SODIUM LAURYL SULFATE	X	X			X
G- 1139		SODIUM LAURYL SULFATE	X	X			
KH-10395		SODIUM MONODECYPHENOXYBENZENE	X	X			X
H- 661		SODIUM POLYCARBOXYLATE SOLUTION	X				
G- 1208		SODIUM POLYNAPTHALENE SULFONATE	X	X			
KG-10645		SOLUTION OF A BLOCK COPOLYMER WITH PIGMENT AFFINED GROUPS		X	X		
H- 460		SPECIAL NAPHTHOLITE - RULE 66		X	X		
H- 99		STODDARD SOLVENT	X		X		

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H- 800		SULFONIC ACID	X				
G- 817		SURFACTANT			X		
G- 1378		SURFACTANT		X	X		
G- 1414		SYNTHETIC POLYAMIDE WAX, IN XYLENE, ETHANOL AND METHANOL DENATURANT	X	X	X		
H- 320		T-BUTYL PERACETATE	X		X	X	X
H- 377		T-BUTYL PERACETATE	X	X	X	X	X
G- 776		T-DODECYL MERCAPTAN	X				
G- 140		T-T-BUTYLAZO-1-CYANOCYCHLOHEXANE	X	X	X		X
W- 6004		TALC	X				
H- 709		TALL OIL	X				
G- 108		TEFLON		X			
G- 117		TEFLON TE-3425		X			
KH-10389		TERPENE ALCOHOL			X		
G- 848		TERPOLYMER SOLUTION	X		X		
KH-10400		TERTIARY BUYYL PERBENZOATE	X	X	X		X
KG-10396		TERTIARY-BUTYL HYDROPEROXIDE	X		X	X	X
KG-10487		TETRA (N- BUTYL) AMMONIUM-3-CHLOROBENZOATE/ACERONITRILE	X		X		X
W- 6644		TETRACHLOROISOINDOLINONE YELLOW		X			
H- 57		TETRAISOPROPYL TITANATE	X	X	X		X
KG-10507		TFE - FLUOROCARBON RESIN DISPERSION		X			
KG-16344		THERMOSETTING ACRYLIC RESIN	X	X	X		
W- 2502		TIO2 COATED MICA FLAKE	X	X			
W- 6138		TITANIUM DIOXIDE / MICA	X	X			
W- 171		TITANIUM DIOXIDE COATED MICA FLAKE		X			
W- 6115		TITANIUM DIOXIDE COATED MICA FLAKE	X	X			
W- 6159		TITANIUM DIOXIDE COATED MICA PLATELETS WETTED WITH MINERAL SPIRITS	X		X		
W- 6117		TITANIUM DIOXIDE/ MICA	X	X			
W- 6118		TITANIUM DIOXIDE/ MICA	X	X			
W- 6121		TITANIUM DIOXIDE/ MICA	X	X			
W- 6122		TITANIUM DIOXIDE/ MICA	X	X			
W- 6123		TITANIUM DIOXIDE/ MICA	X	X			
W- 6125		TITANIUM DIOXIDE/ MICA	X	X			
W- 6126		TITANIUM DIOXIDE/ MICA	X	X			
W- 6135		TITANIUM DIOXIDE/ MICA	X	X			
W- 6116		TITANIUM DIOXIDE/CHROME OXIDE /MICA	X	X			
W- 6119		TITANIUM DIOXIDE/IRON OXIDE/MICA	X	X			
W- 6148		TITANIUM DIOXIDE/MICA	X				
KW-10473		TITANIUM DIOXIDE/MICA		X			
KW-10610		TITANIUM DIOXIDE/MICA	X		X		
W- 6156		TITANIUM DIOXIDE/MICA WETTED WITH A HYDROCARBON SOLVENT	X		X		
W- 6160		TITANIUM DIOXIDE/MICA WETTED WITH A HYDROCARBON SOLVENT	X		X		
W- 6161		TITANIUM DIOXIDE/MICA WETTED WITH A HYDROCARBON SOLVENT	X		X		
W- 6150		TITANIUM DIOXIDE/MICA/IRON OXIDE	X				
W- 6629		TITANIUM DIOXIDE/MICA/IRON OXIDE	X	X			

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W- 6630		TITANIUM DIOXIDE/MICA/IRON OXIDE	X	X			
KW-10468		TITANIUM DIOXIDE/MICA/IRON OXIDE	X				
KW-10469		TITANIUM DIOXIDE/MICA/IRON OXIDE	X				
KW-10478		TITANIUM DIOXIDE/MICA/IRON OXIDE	X				
KG-16247		TITANIUM ETHYL ACETOACETATE CHELATE			X		X
W- 6010		TITANIUM WHITE	X	X	X		
W- 136		TITANUIM DIOXIDE/ MICA	X	X			
H- 720		TOLUENE DIISOCYANATE	X	X			X
H- 2833		TOLUENE DIISOCYANATE	X				X
H- 258		TOLUENE DIISOCYANATE 2,4 ISOMER	X	X			X
W- 6402		TRANS RED OXIDE DISPERSION	X	X	X		
W- 6806		TRANS. RED OXIDE/ACRYLIC RESIN	X	X	X		
W- 6401		TRANS. RED OXIDE/POLYURETHACRYLATE/XYLOL/N. BUTYL ALCOHOL	X	X	X		
W- 637		TRANS. YELLOW IRON OXIDE DISP.	X	X	X		
KW-16303		TRANSOXIDE POLYESTER DISPERSION	X	X	X		
KW-16307		TRANSPARENT RED IRON OXIDE DISPERSION IN A/B DISPERSANT	X	X	X		
W- 6820		TRANSPARENT RED OXIDE DISPERSION	X	X	X		
KW-16317		TRANSPARENT RED OXIDE DISPERSION	X	X	X		
W- 439		TRANSPARENT RED OXIDE FLUSHING	X	X	X		
W- 663		TRANSPARENT YELLOW OXIDE		X			
W- 6627		TRANSPARENT YELLOW OXIDE DISP.	X	X	X		
KG-10505		TRIALKOXYSILYL_AMINE ACID IN TOLUENE		X	X		
G- 132		TRIAZINE FORMALDEHYDE RESIN	X		X		
H- 816		TRIETHANOLAMINE TITONATE ESTER	X	X	X		
KG-10382		TRIETHYLENE GYLCOL DIACRYCATE	X				
KG-10474		TRIFLUOROMETHANE SULFONIC ACID	X	X			X
G- 885		TRIMER OF ISOPHORONE DIISOCYANATE	X	X	X		X
KG-10661		TRIMETHOXYSILYLPROPYL DIMETHYLKETENE			X		X
KG-10598		TRIMETHYLSILYL METHACRYLATE	X	X			X
H- 652		TRIPROPYLENE GLYCOL METHYL ETHER	X				
G- 1271		TSA RESIN	X		X		
KG-10502		UNSATURATED ACIDIC POLYCARBOXYLIC ACID ESTER / ISO BUTYL ALCOHOL	X	X	X		
G- 586		UNSATURATED MELAMINE FORMALDEHYDE METHANOL RESIN IN MEK SOLVENT		X	X		
G- 1253		UNSATURATED POLYCARBOXLIC ACID WITH A POLYSILOXANE COPOLYMER	X	X	X		
KG-10512		UREA FORMALDEHYDE RESIN	X	X	X		
G- 1157		UREA FORMALDEHYDE RESIN SOLUTION	X	X	X		
G- 844		UREA FORMALDEHYDE/POLYESTER PRIMER	X	X	X		
G- 1347		UREA-FORMALDEHYDE RESIN/N-BUTYL ALCOHOL/ETHYL BENZENE	X	X	X		
KG-10278		URETHANE LATEX		X			
G- 576		URETHANE MODIFIED POLYESTER/MELAMINE ANTICHIPPING PRIMER/SURFACER		X	X		
G- 594		URETHANE POLYOL (THERMOSETTING TYPE)	X	X	X		
G- 1393		URETHANE RESIN	X	X	X		
G- 1396		URETHANE RESIN	X	X	X		

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G- 1397		URETHANE RESIN	X	X	X		
G- 1401		URETHANE RESIN	X	X	X		
G- 1402		URETHANE RESIN	X	X	X		
G- 1403		URETHANE RESIN SOLUTION	X	X	X		
G- 1404		URETHANE RESIN SOLUTION	X	X	X		
G- 1406		URETHANE RESIN SOLUTION	X		X		
G- 1433		URETHANE RESIN/METHYL ISOBUTYL KETONE	X	X	X		X
G- 1422		URETHANE RESIN/4-METHYL-2-PENTANONE	X	X	X		
G- 46		UV LIGHT STABILIZER	X	X			
G- 317		VC-5028 COARSE GRIT VARNISH			X		
KG-10664		VERSATIC ACID MODIFIED ALKYD RESIN	X	X	X		
G- 567		VINYL POLYMER/AQUEOUS			X		X
W- 685		VINYL RESIN DISPERSION	X		X		
G- 1151		VINYL TOLUENE ALKYD	X	X	X		
H- 24		VM&P NAPHTHA		X	X		
KG-16260		WATER REDUCIBLE ENAMEL		X			
G- 444		WHITE PRIMER	X		X		
KG-10660		XYLENE/N-BUTYL ACETATE/ETHYL BENZENE/METHOXYPROPYL ACETATE		X	X		
W- 6625		YELLOW INORGANIC PIGMENT	X				
W- 642		YELLOW IRON OXIDE DISPERSION	X	X	X		
W- 6634		YELLOW IRON OXIDE DISPERSION	X	X	X		
W- 6622		YELLOW IRON OXIDE/ ACRYLIC RESIN	X	X	X		
KW-16324		YELLOW OXIDE DISPERSION	X	X	X		X
H- 621		ZELEC* UN LUBRICANT	X	X			
H- 877		ZINC ALKANOATE/MINERAL SPIRITS	X		X		X
W- 36		ZINC DUST			X		X
H- 184		ZINC NAPHTENATE SOLUTION	X		X		
H- 42		ZINC OCTOATE	X		X		
KW- 1521		ZINC PHOSPHOXIDE	X				
H- 155		ZIRCONIUM CARBOXYLATE	X	X	X		
W- 182		ZIRCONIUM SILICATE	X	X			
KG-10592		1,1-BIS(TRIMETHYLSILOXY) 2-METHYL PROPENE	X		X		X
KH-10401		1,1,1, TRI-CHLOROETHANE		X			
KG-10420		1,3-BIS (ISOCYANATO METHYL) BENZENE			X		
KG-10421		1,3-BIS (ISOCYANATOMETAYL) CYCLOHEXANE			X		
KG-10302		1,4 BUTANE DIOL DIACRYLATE	X	X	X		X
KG-10280		1,4-DIAZABICYCLO (2,2,2) OCTANE TRIETHYLENEDIAMINE			X		
G- 31		1,6-HEXAMETHYLENE DIISOCYANATE ADDUCT	X				X
G- 1415		1,6-HEXAMETHYLENE DIISOCYANATE HOMOPOLYMER	X	X	X		X
KH-10452		1,6-HEXANEDIOL DIMETHACRYLATE			X		X
G- 590		1,6HEXAMETHYLENE DIISOCYANATE	X	X			X
G- 89		100% SOLIDS METHYLATED UREA RESIN		X	X		
H- 280		12% CERIUM 2 ETHYL HEXOATE MIXTURE	X				
H- 588		12% COBALT TEN-CEM LIQUID	X		X		
KG-10540		2-(TRIMETHYLSILOXY) ETHYL METHACRYLATE	X		X		X
H- 610		2-ETHYL HEXOIC ACID/MINERAL SPIRITS			X		
H- 855		2-HYDROXY ETHYL ACRYLATE	X	X			X
H- 167		2-HYDROXYETHYL METHACRYLATE	X	X			X
G- 122		2,2-AZOBIS-(2,4-DIMETHYLVALERONITRILE)			X		X

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KG-10625		2,2-DI(TERT-AMYLPEROXY)PROPANE	X	X	X		X
G- 73		2,2-DIMETHYL-1,3 HYDROXYPROPYL 2,2 DIMETHYL 1-3 HYDROXYPROIOANTE	X				
G- 1066		2,2'-AZOBISISOBUTYRONITRILE	X	X	X		X
G- 591		2,2'AZOBIS(2-METHYLBUTYRONITRILE)	X				X
H- 886		2,4,6-DIMETHYLAMINOMETHYL PHENOL	X	X			
KH- 7182		2,4,6-DIMETHYLAMINOMETHYL PHENOL	X	X			
G- 479		28% SOLUTION G-720 AMOCO AL POLYMER (TYPE 10) IN METHYL PYPROLIDONE	X		X		
KG-10537		3-CHLORO TRIMETHYL SILYL BENZOATE (TMSCB)	X				
G- 695		3,4 EPOXYCYCLOHEXYL METHYL-3',4-EPOXYCYCLOHEXYL_CA	X				
KG-10398		4,4,-DIMETHYLOXAZOLIDINE	X				X
G- 316		4,4,DIMETHYL OXAZOLIDINE	X	X	X		
G- 397		75% SOLIDS SOLUTION OF EPON 1001 IN XYLOL	X	X	X		
W- 688	23-16-9	C.I. PIGMENT YELLOW 42	X		X		
G- 1232	50-00-0	FORMALDEHYDE	X	X			X
H- 201	50-00-0	FORMALDEHYDE	X	X			X
G- 1330	50-21-5	LACTIC ACID	X	X			
KG- 7767	50-21-5	LACTIC ACID	X				
H- 121	56-35-9	BIS (TRI-N-BUTYL TIN) OXIDE	X	X	X		X
H- 2	56-81-5	GLYCERINE		X			
H- 550	57-55-6	PROPYLENE GYLCOL		X			
H- 497	60-24-2	2-MERCAPTOETHANOL	X	X	X		
H- 847	64-17-5	ETHYL ALCOHOL			X		
G- 1205	64-18-6	FORMIC ACID	X	X	X		
H- 743	64-19-7	ACETIC ACID	X	X	X		
H- 871	64-19-7	ACETIC ACID	X		X		
G- 235	65-85-0	BENZOIC ACID	X				
H- 41	67-56-1	METHYL ALCOHOL	X	X	X		
H- 834	67-56-1	METHYL ALCOHOL	X	X	X		
H- 69	67-63-0	ISOPROPYL ALCOHOL		X	X		
H- 835	67-63-0	ISOPROPYL ALCOHOL			X		
H- 30	67-64-1	ACETONE	X		X		
H- 832	67-64-1	ACETONE	X		X		
H- 555	68-12-2	CAPRYLIC ACID	X	X			
H- 551	68-12-2	DIMETHYL FORMAMIDE	X	X			X
G- 62	70-49-5	THIOMALIC ACID	X				
H- 219	71-23-8	N-PROPANOL			X		
H- 12	71-36-3	N-BUTYL ALCOHOL	X	X	X		
KH-10437	71-55-6	1,1,1-TRICHLOROETHANE	X	X			X
H- 826	74-89-5	MONOMETHYLAMINE	X	X	X		X
KH-10328	74-98-6	PROPANE		X	X		
KG-10542	75-05-8	ACETONITRILE C2H3N	X		X		X
G- 920	75-09-2	METHYLENE CHLORIDE	X				X
KH-10329	75-28-5	COMPRESSED ISOBUTANE GAS		X	X		
H- 367	75-55-8	PROPYLENEIMINE	X	X	X		X
H- 606	75-56-9	PROPYLENE OXIDE	X	X	X		X
G- 47	75-75-2	ANHYDROUS METHANE SULFONIC ACID	X				X
G- 3	75-75-2	P-TOLUENE SULFONIC ACID	X				X
KG-10403	75-98-9	2,2, DIMETHYL PROPIONIC ACID-PIVALIC ACID	X		X		X

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G- 81	76-22-2	CAMPHOR	X		X		X
H- 387	77-58-7	DIBUTYL TIN DILAURATE	X	X			
G- 137	77-86-1	TRIS(HYDROXYMETHYL)AMINOMETHANE	X				
G- 499	77-92-9	CITRIC ACID		X			
G- 156	78-10-4	ETHYL SILICATE	X	X	X		
KG-10417	78-10-4	ETHYL SILICATE			X		
H- 873	78-10-4	TETRAETHYL ORTHOSILICATE			X		
H- 603	78-59-1	ISOPHORONE	X	X	X		
H- 18	78-83-1	ISOBUTYL ALCOHOL	X	X	X		
H- 312	78-92-2	SECONDARY BUTYL ALCOHOL	X		X		
H- 35	78-93-3	METHYL ETHYL KETONE	X	X	X		
H- 96	79-01-6	TRICHLOROETHYLENE	X	X			
G- 781	79-06-1	ACRYLAMIDE	X	X			X
H- 203	79-09-5	METHYLENE CHLORIDE	X	X			X
G- 765	79-10-7	ACRYLIC ACID	X	X	X		X
G- 1176	79-39-0	METHACRYLAMIDE	X	X			X
G- 1224	79-41-4	METHACRYLIC ACID GLACIAL	X	X	X		X
KG-10544	79-43-6	DICHLOROACETIC ACID					X
G- 69	80-05-7	2,2'-BIS (N-HYDROXYPHENYL PROPANE)	X	X			
G- 1429	80-08-0	4,4'-DIAMINODIPHENYL SULFONE	X	X			
H- 614	80-15-9	CUMENE HYDROPEROXIDE	X	X	X	X	X
G- 1256	80-40-6	HYDROGENATED BISPHENOL A	X				
G- 1231	80-43-3	DIISOPROPYL BENZENE HYDROPEROXIDE	X	X	X		X
H- 428	80-62-6	METHYL METHACRYLATE	X	X	X		X
H- 885	80-62-6	METHYL METHACRYLATE	X	X	X		X
H- 892	80-62-6	METHYLMETHACRYLATE	X	X	X		X
H- 191	84-61-7	DICYCLOHEXYL PHTHALATE			X		
H- 112	84-74-2	DIBUTYL PHTHALATE	X	X			
KG-10402	85-42-7	HEXAHYDROPHTHALIC ANHYDRIRE	X				
G- 721	85-43-8	TETRAHYDROPHTHALIC ANHYDRIDE	X	X			X
G- 243	85-44-9	PHTHALIC ANHYDRIDE	X	X			X
H- 654	85-68-7	BUTYL BENZYL PHTHALATE		X			
H- 631	86-52-6	C.I. PIGMENT YELLOW 110		X			
G- 131	89-32-7	PYROMELLITIC DIANHYDRIDE	X	X			
G- 244	89-32-7	PYROMELLITIC DIANHYDRIDE	X	X			
KG-10354	89-32-7	PYROMELLITIC DIANHYDRIDE	X	X			
G- 500	90-30-2	N-PHENYL-ALPHA-NAPHTHYLAMINE	X				
KG-10667	91-66-7	N,N-DIETHYLANILINE		X	X		X
G- 1413	92-84-2	10H-PHENOTHIAZINE	X	X			
G- 748	94-36-0	BENZOYL PEROXIDE 20-25% WATER	X			X	X
G- 318	94-60-0	DIMETHYL 1,4-CYCLOHEXANEDICARBOXYLATE	X				
G- 565	95-14-7	BENZOTRIAZOLE		X			
KG-10647	95-71-6	TOLUHYDROQUINONE		X			
H- 584	96-29-7	METHYL ETHYL KETOXIME	X	X	X		
H- 812	96-33-3	METHYL ACRYLATE	X	X	X		X
H- 833	96-58-0	BUTYROLACETONE	X				
H- 513	97-63-2	ETHYL METHACRYLATE	X	X	X		X
H- 861	97-63-2	ETHYL METHACRYLATE	X		X		X
H- 823	97-85-8	ISOBUTYL ISOBUTYRATE	X		X		
H- 536	97-86-9	ISOBUTYL METHACRYLATE	X	X	X		X

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H- 216	97-88-1	N-BUTYL METHACRYLATE		X	X		X
KG-10371	97-90-5	ETHYLENE GLYCOL DIMETHACRYLATE	X				X
H- 718	98-00-0	FURFURYL ALCOHOL	X	X	X		X
G- 2	98-29-3	4-TERTIARY BUTYL CATECHOL	X	X			
G- 741	98-73-7	P-TERT-BUTYLBENZOIC ACID	X	X			
G- 766	100-02-1	TRIPHENYL PHOSPHITE	X				
G- 1236	100-21-0	TEREPHTHALIC ACID	X	X			
H- 641	100-37-8	N, N-DIETHYL-2 AMINOETHANOL	X	X	X		
H- 579	100-41-4	ETHYLBENZENE	X	X	X		
H- 710	100-42-5	STYRENE MONOMER	X	X	X		X
KG-10609	100-44-7	BENZYL CHLORIDE	X		X		X
KH-10378	100-51-6	BENZYL ALCOHOL	X		X		
H- 72	100-52-7	BENZALDEHYDE			X		
H- 384	100-85-6	BENZYL TRIMETHYL AMMONIUM HYDROXIDE	X	X	X		
G- 637	101-77-9	4,4'-METHYLENEDIANILINE	X	X			
G- 306	101-80-4	4,4 OXYDIANILINE	X	X			X
G- 364	101-80-4	4,4 OXYDIANILINE	X	X			X
G- 562	101-80-4	4,4' OXYDIANILINE	X	X			X
G- 230	101-80-4	4,4'OXYDIANILINE	X	X			X
H- 525	102-71-6	TRIETHANOLAMINE	X	X			
H- 534	102-71-6	TRIETHANOLAMINE (COMMERCIAL GRADE)	X	X			
H- 884	103-09-3	2- ETHYLHEXYL ACETATE	X	X	X		
H- 350	103-11-7	2-ETHYL HEXYL ACRYLATE	X	X	X		X
G- 5	104-15-4	P-TOLUENE SULFONIC ACID	X	X			X
KH-10409	104-75-6	2-ETHYL-1-HEXANAMINE	X	X	X		
KH- 7979	104-76-7	SURFACTANT	X		X		
H- 102	104-76-7	2-ETHYL HEXANOL	X	X	X		
KH-10410	104-78-9	3, DIETHYLAMINO PROPYLAMINE	X	X	X		
H- 772	105-16-8	2-DIETHYLAMINOETHYL METHACRYLATE	X	X	X		X
H- 9	105-46-4	SECONDARY BUTYL ACETATE			X		
G- 1385	105-60-2	E-CAPROLACTAM	X	X			
G- 125	106-50-3	P-PHENYLENEDIAMINE	X	X			
G- 55	106-51-4	P-BENZOQUINONE	X	X	X		
G- 897	106-90-1	GLYCIDYL ACRYLATE	X		X		X
G- 1216	106-91-2	GLYCIDYL METHACRYLATE	X	X	X		X
G- 1282	106-91-2	GLYCIDYL METHACRYLATE	X		X		X
H- 696	106-99-0	BUTADIENE	X		X		X
H- 845	107-10-8	N-PROPYLAMINE	X	X	X		X
G- 744	107-13-1	ACRYLONITRILE	X	X	X		X
G- 136	107-15-3	ETHYLENE DIAMINE	X	X	X		
H- 514	107-21-1	ETHYLENE GLYCOL		X			
G- 382	107-48-6	ESTERGUM IN MIN SPIRITS 72% SOLIDS	X		X		
H- 853	107-87-9	METHYL N-PROPYL KETONE	X		X		
H- 166	107-98-2	PROPYLENE GLYCOL METHYL ETHER		X	X		
H- 616	108-01-0	N,N-DIMETHYLETHANOLAMINE	X	X	X		
H- 890	108-03-2	1-NITROPROPANE			X		X
H- 44	108-10-1	METHYL ISOBUTYL KETONE		X	X		
H- 48	108-11-2	METHYL ISOBUTYL CARBINOL	X	X	X		
H- 867	108-21-4	ISOPROPYL ACETATE		X	X		
G- 59	108-24-7	ACETIC ANHYDRIDE	X	X	X		X

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G- 239	108-31-6	MALEIC ANHYDRIDE	X	X			X
H- 565	108-32-7	PROPYLENE CARBONATE		X	X		
G- 882	108-45-2	M-PHENYLENEDIAMINE	X	X			
H- 323	108-65-6	PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE		X	X		
G- 1076	108-78-1	MELAMINE					X
H- 145	108-83-8	DIISOBUTYL KETONE		X	X		
KH-16196	108-84-9	OXO-HEXYL ACETATE			X		
H- 49	108-88-3	TOLUENE	X	X	X		
KH- 8661	108-88-3	TOLUENE	X	X	X		
H- 84	108-91-8	CYCLOHEXYLAMINE	X	X	X		X
H- 199	108-93-0	CYCLOHEXANOL	X	X	X		
H- 66	108-94-1	CYCLOHEXANONE	X	X	X		
KG-10379	108-95-2	PHENOL	X	X			
KG-10464	109-55-7	DIMETHYLAMINOPROPYLAMINE	X	X	X		X
H- 546	109-60-4	N-PROPYL ACETATE			X		
H- 893	109-66-0	PENTANE			X		
KH-10480	109-83-1	N. METHYLAMINOETHANOL		X	X		
H- 73	109-86-4	ETHYLENE GLYCOL MONOMETHYL ETHER	X	X	X		
H- 631	109-89-7	DIETHYLAMINE	X	X	X		
H- 361	109-99-9	TETRAHYDROFURAN	X	X	X		X
H- 640	110-05-4	DI-T-BUTYL PEROXIDE	X		X	X	X
H- 40	110-12-3	METHYL ISOAMYL KETONE		X	X		
H- 813	110-19-0	ISOBUTYL ACETATE			X		
KW-10573	110-43-0	ACRYLIC DISPERSION	X		X		
H- 90	110-43-0	METHYL AMYL KETONE	X		X		
H- 85	110-54-3	HEXANE	X	X	X		
H- 708	110-63-4	1,4-BUTANEDIOL		X			
H- 580	110-69-0	BUTYRALDOXIME	X	X	X		
KG-10475	110-71-4	TETRAMETHOXY PROPANE			X		
H- 839	110-75-4	ETHYLENE GLYCOL DIMETHYL ETHER	X		X		
H- 74	110-80-5	2-ETHOXYETHANOL	X	X	X		
KH-10388	110-82-7	CYCLOHEXANE			X		
G- 922	110-86-1	PYRIDINE	X		X		X
KH-10527	110-89-4	PIPERIDINE	X	X	X		X
H- 694	110-91-8	MORPHOLINE	X	X	X		
KH-10490	111-13-7	METHYL HEXYL KETONE	X	X	X		
H- 79	111-15-9	2-ETHOXYETHYL ACETATE	X	X	X		
H- 13	111-40-0	DIETHYLENETRIAMINE	X				
H- 383	111-42-2	DIETHANOLAMINE	X	X			
H- 736	111-46-6	DIETHYLENE GLYCOL		X			
H- 438	111-55-7	ETHYLENE GLYCOL DIACETATE			X		
H- 224	111-76-2	ETHYLENE GLYCOL-MONO BUTYL ETHER	X	X	X		
KH-10614	111-76-2	MONOBUTYL ETHER OF ETHYLENE GLYCOL	X		X		
H- 25	111-77-3	DIETHYLENE GLYCOL MONOMETHYL ETHER		X	X		
G- 8	111-88-6	N-OCTYL MERCAPTAN	X		X		
H- 811	111-90-0	DIETHYLENE GLYCOL MONO ETHYL ETHER	X		X		
H- 648	111-90-0	DIETHYLENE GYLCOL MONOETHYL ETHER	X	X	X		
G- 892	111-92-2	DI-N-BUTYLAMINE	X	X	X		
H- 401	112-07-2	ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE	X	X	X		
H- 554	112-18-5	N,N DIMETHYL DODECYLAMINE	X	X			

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H- 143	112-34-5	DIETHYLENE GLYCOL MONOBUTHYL ETHER		X	X		
H- 349	112-55-0	N-DODECYL MERCAPTAN	X				
G- 1261	112-84-5	AMIDE	X				
G- 97	115-77-5	PENTAERYTHRITOL					X
G- 419	115-77-5	PENTAERYTHRITOL					X
H- 186	117-81-7	DIOCTYL PHTHALATE		X			
G- 574	119-53-9	BENZOYL CARBINOL	X				
KG-16294	119-53-9	BENZOYL CARBINOL	X				
H- 866	119-64-2	TETRAHYDRONAPHTHALENE/PETROLEUM DISTILLATE	X		X		
H- 669	121-44-8	TRIETHYLAMINE	X	X	X		
G- 811	121-91-5	ISOPHTHALIC ACID	X	X			
KG-10493	122-20-3	TRIISOPROPANOL AMINE	X				
G- 1373	122-20-3	TRIISOPROPANOLAMINE	X				
G- 498	123-31-9	HYDROQUINONE	X				
H- 39	123-42-2	DIACETONE ALCOHOL	X	X	X		
H- 449	123-54-6	2,4 PENTANEDIONE	X	X	X		
H- 6	123-86-4	BUTYL ACETATE			X		
H- 204	123-91-1	1,4 DIOXANE	X	X	X		X
G- 284	124-04-9	ADIPIC ACID	X				
KG-10465	124-09-4	DIMETHYLAMINE PROPYLAMINE	X		X		
H- 688	124-17-4	DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE	X				X
H- 28	124-68-5	AMINO METHYL PROPANOL	X	X	X		
KG-10668	124-68-5	2-AMINO-2-METHYL-1-PROPANOL	X	X	X		
G- 367	126-30-7	NEOPENTYL GYLCOL	X				
H- 719	126-73-8	TRIBUTYL PHOSPHATE	X	X			X
KG-10365	126-86-3	2,4,7,9-TETRAMETHYL-5 DECYNE-4,7,DIOL	X		X		X
G- 1317	126-86-3	2,4,7,9-TETRAMETHYL-5-DECYN-4,7-DIOL	X	X	X		X
H- 573	127-18-4	TETRACHLOROETHYLENE	X	X			X
H- 760	127-19-5	DIMETHYLACETAMIDE	X		X		
H- 109	131-11-3	DIMETHYL PHTHALATE		X			
H- 575	131-17-9	DIALLYL PHTHALATE	X				
G- 377	136-52-7	COBALT OCTOATE	X		X		
G- 1316	136-99-2	IMIDAZOLINE	X				X
H- 721	140-88-5	ETHYL ACRYLATE	X	X	X		X
G- 723	141-32-2	N BUTYL ACRYLATE	X	X	X		X
G- 274	141-32-2	N-BUTYL ACRYLATE	X	X	X		X
G- 2912	141-32-2	N-BUTYL ACRYLATE	X		X		X
H- 512	141-43-5	2-HYDROXYETHYLAMINE	X	X	X		
H- 314	141-78-6	ETHYL ACETATE		X	X		
H- 2802	141-97-9	ETHYL ACETOACETATE	X		X		
H- 564	142-82-5	HEPTANE		X	X		
H- 763	142-90-5	LAURYL METHACRYLATE	X	X			X
G- 72	144-19-4	2,2,4-TRIMETHYL-1,3-PENTANEDIOL	X	X			
G- 216	144-62-7	OXALIC ACID	X	X			X
G- 15	148-18-9	ACRYLIC RESIN	X	X	X		
KH-10422	149-57-5	2- ETHYLHEXANOIC ACID	X				
H- 765	151-56-4	ETHYLENIMINE	X		X		X
G- 1381	502-44-3	CAPROLACTONE	X				
G- 491	513-77-9	BARIUM CARBONATE	X				
KG-10355	538-75-0	DICYCLOHEXYLCARBODIIMIDE	X				

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H- 68	544-70-7	LINOLEIC ACID					X
G- 715	552-30-7	TRIMELLITIC ANHYDRIDE	X	X			
KG-10638	555-16-8	4-NITROBENZALDEHYDE	X	X			
H- 545	614-45-9	T-BUTYL PEROXYBENZOATE	X	X	X	X	X
H- 80	628-63-7	PRIMARY AMYL ACETATE	X		X		
KG-10351	638-38-0	MANGANESE ACETATE TETRAHYDRATE	X				
H- 515	688-84-6	2-ETHYLHEXYL METHACRYLATE	X		X		X
H- 862	688-84-6	2-ETHYLHEXYL METHACRYLATE	X		X		X
KG-10594	717-74-8	1,3,5-TRIISOPROPYLBENZENE	X		X		X
H- 883	763-69-9	ETHYL 3-ETHOXY PROPIONATE		X	X		
KH-16217	763-69-9	ETHYLENE GLYCOL MONO PROPYL ETHER		X	X		
H- 865	770-35-4	PROPYLENE GLYCOL PHENYL ETHER	X				
H- 205	790-05-5	1,1,2-TRICHLOROETHANE	X	X			X
G- 268	818-08-6	DIBUTYL TIN OXIDE	X	X			X
H- 501	818-61-1	HYDROXY ETHYL ACRYLATE	X	X			X
H- 888	818-61-1	2-HYDROXY ETHYL ACRYLATE	X	X			X
H- 724	872-50-4	N-METHYL-2-PYRROLIDONE	X		X		
H- 837	872-50-4	N-METHYL-2-PYRROLIDONE	X		X		
H- 889	872-50-4	N-METHYLPYRROLIDONE	X		X		
KH-10637	872-85-5	4-PYRIDINECARBOXALDEHYDE, 98%	X	X	X		X
KG-10623	920-45-7	2- METHYL-2-PROPENOYL CHLORIDE	X	X	X		X
H- 403	924-42-5	N-METHYLOLACRYLAMIDE - 48%	X	X			X
G- 496	927-07-1	T-BUTYL PEROXYPIVALATE (75%)	X		X		X
H- 820	0107-21-1	ETHYLENE GLYCOL	X				
G- 158	1002-89-7	AMMONIUM STEARATE 33% DISPERSION IN PROPIETARY MATERIAL	X	X			
G- 25	1072-52-2	N-(2-HYDROXYETHYLENE IMINE	X	X	X		X
KH-10659	1119-40-0	DIBASIC ACID ESTER			X		
G- 212	1305-62-0	HYDRATED CALCIUM OXIDE	X	X			
G- 245	1305-78-8	CALCIUM OXIDE	X	X			X
G- 2956	1305-78-8	CALCIUM OXIDE	X				X
W- 3604	1306-23-6	CADMIUM YELLOW PIGMENT	X				
W- 369	1309-37-1	IRON OXIDE (FE203)		X			
W- 52	1309-64-4	ANTIMONY OXIDE	X	X			
G- 221	1309-64-4	ANTIMONY TRIOXIDE	X	X			
G- 406	1310-58-3	POTASSIUM HYDROXIDE	X	X			X
G- 825	1310-58-3	POTASSUIM HYDROXIDE IN WATER	X	X			X
G- 1046	1310-65-2	LITHIUM HYDROXIDE	X				X
G- 218	1310-73-2	SODIUM HYDROXIDE	X	X			
G- 277	1310-73-2	SODIUM HYDROXIDE	X	X			X
G- 2521	1310-73-2	SODIUM HYDROXIDE 32% AQUEOUS	X				
G- 663	1310-73-2	50% AQUEOUS SODIUM HYDROXIDE SOLUTION	X	X			X
H- 664	1312-76-1	POTASSIUM SILICATE SOLUTION	X				
W- 349	1314-41-6	RED LEAD	X	X			X
W- 3306	1314-41-6	RED LEAD PIGMENT	X				
G- 1009	1314-56-3	PHOSPHORUS PENTOXIDE	X	X			X
W- 603	1317-36-8	LEAD OXIDE (PBO)	X	X			X
W- 6410	1317-61-9	IRON OXIDE					X
G- 674	1318-93-0	MAGNESIUM SILICATE		X			
H- 409	1319-77-3	CRESYLIC ACID	X	X	X		

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DUPONT CODE	CAS NUMBER	CHEMICAL NAME	A	C	F	P	R
G- 1103	1319-77-3	PHENOLIC RESIN	X	X	X		
H- 583	1330-20-7	XYLENE	X	X	X		
H- 836	1330-20-7	XYLENE	X		X		
H- 11	1330-78-5	TRICRESYL PHOSPHATE		X	X		
G- 1200	1333-82-0	CHROMIC ACID	X	X			X
H- 311	1336-21-6	AMMONIA	X	X			
H- 284	1336-21-6	AMMONIA 26'	X	X			
H- 185	1338-02-9	COPPER NAPHTHENATE SOLUTION	X		X		
KG-10666	1338-23-4	METHYL ETHYL KETONE PEROXIDE	X	X	X		X
W- 2	1343-88-0	MAGNESIUM SILICATE		X			
W- 4	1343-88-0	MAGNESIUM SILICATE MED. CONSISTENCY		X			
H- 5	1344-09-8	SODIUM SILICATE	X	X			
W- 686	1344-37-2	C.I. PIGMENT YELLOW 34	X	X			
W- 692	1344-37-2	C.I. PIGMENT YELLOW 34	X	X			
KW-10671	1344-37-2	PIGMENT YELLOW 34	X	X			
G- 1320	1530-48-9	HYDROCARBON PHOSPHONIUM HALIDE	X				
H- 848	2050-99-9	DIISOAMYL KETONE	X		X		X
KG-10552	2052-49-5	TETRABUTYL AMMONIUM HYDROXIDE IN METHANOL	X	X	X		X
G- 852	2094-98-6	1,1'-AZOBIS (CYANOCYCLOHEXANE)			X		X
KH-10669	2157-01-9	N-OCTYL METHACRYLATE	X	X			X
G- 1286	2170-03-8	ITACONIC ANHYDRIDE	X		X		X
KG-10550	2382-96-9	2-BENZOXAZOLETHIOL					X
G- 272	2421-28-5	3,3,4,4,BENZOPHENONE TETRACARBOXYLIC DIANHYDRIDE	X	X			
G- 881	2421-28-5	3,3,4,4,BENZOPHENONE TETRACARBOXYLIC DIANHYDRIDE	X	X			
W- 837	2425-85-6	TOLUIDINE RED DISPERSION	X		X		
KG-10642	2451-62-9	1,3,5-TRIGLYCIDYL ISOCYANURATE	X	X			
KH-10528	2461-15-6	ALKYL GLYCIDYL ETHER	X				
H- 51	2478-10-6	4 HYDROXYL ACRYLATE	X				X
G- 1273	2530-83-8	OCTAPHENYLTETRACYCLOSILOXANE	X	X			X
G- 1335	2530-83-8	OCTAPHENYLTETRACYCLOSILOXANE					X
G- 1348	2530-83-8	OCTAPHENYLTETRACYCLOSILOXANE	X		X		
KH-10649	2530-85-0	2-PROPENOIC ACID, 2-METHYL-,(TRIMETHOXYSILYL)-PROPYL ESTER	X	X			X
H- 815	2558-48-3	HYDROXYPROPYL ACRYLATE	X	X			X
G- 366	2634-33-5	AMINE BENZISOTHIAZOLIN 3 ONE SOLUTION	X	X			
KG-10631	2778-42-9	META-TETRAMETHYLXYLENE DIISOCYANATE	X	X			X
KH-16000	2807-30-9	2-PROPOXYETHANOL	X	X	X		X
KG-10376	2855-13-2	ISOPHORONE DIAMINE	X	X	X		X
H- 50	2867-47-2	2-(DIMETHYLAMINO METHACRYLATE	X	X	X		X
KG-10430	3066-71-5	CYCLOHEXYL ACRYLATE	X	X	X		
H- 443	3775-90-4	T-BUTYLAMINOETHYLMETHACRYLATE	X	X	X		X
KH-10481	4083-64-1	P-TOLUENESULFONYL ISOCYANATE	X	X			X
KG-10523	4098-71-9	ISOPHORONE DIISOCYANATE	X	X			X
H- 540	4454-16-4	NICKEL OCTOATE	X	X	X		
W- 328	5280-66-0	2-NAPHTHALENE CARBOXYLIC ACID					X
KG-10632	5332-73-0	3-METHOXYPROPYLAMINO	X	X	X		
KH-10414	5459-58-5	N-BUTYL CYANOACETATE			X		
G- 763	6053-68-5	CPDA	X				
KG-10676	6080-56-4	LEAD ACETATE	X	X			
G- 340	6683-19-8	TETRAKIS(METHYLENE(3,5-DITERTBUTYL-4-HYDROXYHYDROC	X				

TITLE III SUMMARY
RAW MATERIALS BY CAS NUMBER

DUPONT CODE	CAS NUMBER	CHEMICAL NAME	A	C	F	P	R
H- 887	6837-24-7	N-CYCLOHEXYL-2-PYRROLIDONE	X	X			
W- 2561	7429-90-5	ALUMINUM PASTE	X		X		
W- 2598	7429-90-5	ALUMINUM PASTE	X		X		
W- 2615	7429-90-5	ALUMINUM PASTE	X		X		
W- 2657	7429-90-5	ALUMINUM PASTE	X		X		
W- 2658	7429-90-5	ALUMINUM PASTE	X		X		
W- 6152	7429-90-5	ALUMINUM PASTE	X		X		
KW-16329	7429-90-5	ALUMINUM PASTE	X		X		X
W- 21	7429-90-5	ALUMINUM PASTE / MINERAL SPIRITS &/OR NAPTHA	X		X		X
KW-10030	7429-90-5	ALUMINUM PASTE/MINERAL SPIRITS/NAPHTHOL	X		X		X
KW-16265	7429-90-5	ALUMINUM/MINERAL SPIRITS	X		X		X
W- 187	7440-66-6	ZINC DUST					X
W- 46	7440-66-6	ZINC OXIDE					X
KG-10611	7534-94-3	ISOBORNYL METHACRYLATE	X				X
G- 206	7631-86-9	AMORPHOUS SILICA	X				
G- 448	7631-86-9	AMORPHOUS SILICA	X				
W- 31	7631-86-9	CRYSTALLINE SILICA	X	X			
W- 1154	7631-86-9	CRYSTALLINE SILICA	X	X			
KW-10624	7631-86-9	CRYSTALLINE SILICA	X	X			
G- 468	7631-86-9	ROSE TRIPOLI	X				
G- 1364	7631-86-9	SILICON DIOXIDE	X				
G- 1371	7631-86-9	SILICON DIOXIDE	X				
G- 2950	7631-86-9	SILICON DIOXIDE	X				
W- 1022	7631-86-9	SILICON DIOXIDE	X				
W- 2812	7631-86-9	SILICON DIOXIDE	X				
W- 2516	7631-86-9	SILICON DIOXIDERTH	X				
G- 1412	7647-01-0	HYDROCHLORIC ACID	X	X			X
G- 915	7647-01-0	HYDROCHLORIC ACID 20%	X	X			
G- 697	7664-38-2	PHOSPHORIC ACID	X	X			X
G- 512	7664-38-7	PHOSPHORIC ACID	X	X			X
H- 687	7664-41-7	AMMONIA	X	X			
G- 668	7664-93-9	SULFURIC ACID	X	X			X
G- 969	7664-93-9	SULFURIC ACID		X			X
G- 735	7681-57-4	SODIUM METABISULFITE		X			
KH-10593	7722-84-1	HYDROGEN PEROXIDE SOLUTION, 3%					X
G- 1230	7727-54-0	AMMONIUM PERSULFATE		X			
G- 870	7758-23-8	CALCIUM PHOSPHATE	X				
W- 3605	7758-97-6	CHROMIUM YELLOW 34	X				
W- 3611	7758-97-6	PIGMENT YELLOW 34	X				
W- 6642	7758-97-6	PIGMENT YELLOW 34	X				
G- 1267	7778-50-9	POTASSIUM DICHROMATE	X	X			X
G- 919	7782-50-5	LIQUID CHLORINE	X	X			X
G- 865	7789-00-6	POTASSIUM CHROMATE		X			
W- 636	7789-06-2	C.I. PIGMENT YELLOW 32	X	X			
H- 502	8002-09-3	PINE OIL			X		
H- 118	8006-82-4	T-BUTYLPEROXY-2-ETHYLHEXANOATE	X		X	X	X
W- 611	8007-18-9	C.I. PIGMENT YELLOW 53	X				
KW-10038	8007-18-9	C.I. PIGMENT YELLOW 53	X				
W- 694	8007-18-9	NICKEL TITANATE YELLOW	X				
H- 265	8008-20-6	KEROSENE			X		

E. I. DUPONT DE NEMOURS & CO., INC.
AUTOMOTIVE PRODUCTS DEPARMENT
TITLE III SUMMARY
RAW MATERIALS BY CAS NUMBER

DUPONT CODE	CAS NUMBER	CHEMICAL NAME	A	C	F	P	R
H- 423	8030-30-6	PETROLEUM NAPHTHA	X	X	X		
H- 453	8032-32-4	HEAVY MINERAL SPIRITS	X	X	X		
H- 632	8032-32-4	HEAVY NAPHTHA	X	X	X		
H- 461	8032-32-4	MINERAL SPIRITS	X	X	X		
H- 425	8032-32-4	VM&P NAPHTHA	X	X	X		
G- 43	8050-31-5	ROSIN GLYCEROL ESTER		X			
G- 329	9000-59-3	SHELLAC IN DENATURED ALCOHOL SD-1		X	X		
G- 1033	9000-59-3	SHELLAC SOLUTION/ETHYL ALCOHOL		X			
G- 1315	9002-48-4	DISPERSING AND WETTING AGENT	X	X	X		X
G- 1299	9002-88-4	ACRYLIC POLYMER/TOLUENE	X	X	X		
G- 2923	9002-89-5	POLYVINYL ALCOHOL	X		X		
H- 868	9003-01-4	POLYACRYLIC ACID/TOLUENE	X	X	X		X
KG-10562	9003-01-4	POLYACRYLIC ACID/TOLUENE	X	X	X		
G- 847	9003-39-8	POLYVINYL PYRROLIDONE	X				
G- 2557	9003-39-8	POLYVINYL PYRROLIDONE	X				
G- 1217	9003-44-5	POLYVINYL ISOBUTYL ETHER	X		X		
H- 263	9005-90-7	TURPENTINE			X		
G- 509	9011-14-7	ACRYLIC RESIN		X	X		
G- 1059	9016-87-9	DIPHENYLMETHANE-DIISOCYANATE	X				
G- 1322	9046-10-0	POLYOXYPROPYLENEAMINE	X				X
H- 825	9051-57-4	AMMONIUM ALKYPHENOXY POLYETHOXYSULFATE	X	X	X		
G- 857	9069-80-1	NAPHTHALENE SULFONIC ACID POLYMER	X				
KG10484	9072-62-2	EPOXY_POLYMER	X				X
KG-16315	00067-63-0	AROMATIC SULFONIC ACID/ISOPROPYL ALCOHOL	X	X	X		
KG-10292	00090-93-7	4,4'-BIS(DIETHYLAMINO)BENZOPHENONE					X
KG-10532	00105-53-3	DIETHYL MALONATE	X				X
KH-10531	00105-53-3	DIETHYL MALONATE	X		X		X
KH-10549	00108-10-1	4-METHYL-2-PENTANONE			X		
G- 1321	00109-83-1	N-METHYLETHANOLAMINE	X		X		X
H- 872	00122-51-0	TRIETHYL ORTHOFORMATE	X		X		X
KH-10415	07397-62-8	GLYCOLIC ACID	X		X		
W- 6132	10099-76-0	LEAD SILICATE	X	X			
KG-10536	10192-30-0	AMMONIUM BISULFITE, 45% IN H-508	X				X
W- 6645	11103-86-9	ZINC CHROMATE PIGMENT	X				
W- 698	11113-70-5	C.I. PIGMENT YELLOW 34	X	X			
W- 6019	11120-22-2	SILICATE OF LEAD	X				
W- 377	12000-57-6	RED IRON OXIDE/VINYLCHLORIDE/ACETATE/MEK		X			
W- 429	12000-62-3	BURNT UMBER	X	X			X
W- 419	12000-62-3	UMBER	X	X			X
W- 432	12000-62-3	UMBER	X	X			X
W- 87	12001-26-2	MICA	X	X			
W- 88	12001-26-2	MICA	X	X			
W- 6646	12656-85-8	LEAD MOLYBDO SULFATO CHROMATE	X				
KW-10670	12656-85-8	PIGMENT RED 104	X	X			
KH-10454	13048-33-4	1,6-HEXANEDIOL DIACRYLATE	X	X			X
KH-10653	13159-52-9	3-CHLORO-2-HYDROXYPROPYL METHACRYLATE	X	X			X
W- 582	14038-43-8	PROPRIETARY NICKEL COMPOUND (SUPPLIER)	X				
W- 109	14807-96-6	MAGNESIUM SILICATE		X			
W- 132	14807-96-6	MAGNESIUM SILICATE		X			
W- 135	14807-96-6	MAGNESIUM SILICATE		X			

E. I. DUPONT DE NEMOURS & CO., INC.
AUTOMOTIVE PRODUCTS DEPARMENT
TITLE III SUMMARY
RAW MATERIALS BY CAS NUMBER

DUPONT CODE	CAS NUMBER	CHEMICAL NAME	A	C	F	P	R
W- 138	14807-96-6	MAGNESIUM SILICATE		X			
KW-10443	14807-96-6	MAGNESIUM SILICATE		X			
KW-10444	14807-96-6	MAGNESIUM SILICATE		X			
W- 2526	14807-96-6	TALC		X			
W- 1028	14808-60-7	SILICON DIOXIDE	X				
W- 6022	14808-60-7	SILICON DIOXIDE	X				
KG-10124	15214-89-8	2-ACRYLAMIDO-2-METHYLPROPANESULFONIC ACID	X	X			X
KG-10643	15432-85-6	SODIUM ANTIMONATE	X	X			
G- 872	16938-22-0	2,2,4 TRIMETHYC-HEXAMETHYLENE DIISOCYANATE	X	X			X
G- 449	17804-35-2	METHYL 1-(BUTYLCARBAMOYL)-2-BENZIMIDAZOLE		X			
G- 1246	17976-43-1	LEAD PHTHALATE	X				X
G- 608	20633-97-0	SYNTHETIC RESIN MADE BY ESTER GUM RESIN WITH GLYCEROL	X				X
H- 704	22464-99-9	ZIRCONIUM OCTOATE			X		
KG-10597	22705-33-5	BIS(DIMETHYLAMINO)METHYL SILANE	X		X		X
G- 378	24593-34-8	CERIUM OCTOATE	X		X		
KG- 7890	24650-42-8	DIMETHOXY ALPHA-PHENYL ACETOPHENONE		X			
H- 187	24806-32-4	PHENYLMERCURIC DODECENYL SUCCINATE	X	X	X		
G- 578	25067-11-2	FLUOROCARBON RESIN DISPERSION	X	X			
G- 1109	25068-38-6	EPOXY RESIN		X			
H- 196	25155-23-1	TRIXYLENYL PHOSPHATE	X				
H- 574	25168-56-2	ORGANOTIN COMPOUND	X				
G- 1093	25231-46-3	TOLUENE SULFONIC ACID	X				X
H- 658	25322-69-4	POLYPROPYLENE GLYCOL		X			
G- 1386	25448-25-3	TRIISODECYL PHOSPHITE		X			
G- 319	25973-55-1	2(2-HYDROXY-3,5-DITERAMYLPHENYL)BENZOTRIAZOLE	X				
G- 201	26352-16-9	ETHYL SILICATE	X	X	X		X
KG-10233	26352-16-9	ETHYL SILICATE	X		X		
H- 398	26401-27-4	DIPHENYL ISOOCTYL PHOSPHITE	X				
H- 397	26544-23-0	DIPHENYL ISODECYL PHOSPHITE	X				
H- 881	27253-30-1	LITHIUM NEODECANOATE	X				
H- 851	27255-33-1	CALCIUM CARBOXYLATE IN H-457	X		X		
H- 593	27813-02-1	HYDROXYPROPYL METHACRYLATE	X		X		X
G- 1430	29690-82-2	POLYEPOXIDE RESIN	X				
G- 1287	29994-68-1	SORBITOL POLYGLYCIDYL ETHER					X
G- 1284	30674-80-7	B-ISOCYANATO ETHYL METHACRYLATE	X				
H- 549	32360-05-7	STEARYL METHACRYLATE	X				X
KG-10657	34122-40-2	1,4,4-TRIMETHYL-2,3-DIAZABICYCLO(3.2.2)NON-2-ENE,2,3-DIOXIDE (TAOBN)	X	X			
H- 846	34590-94-8	DIPROPYLENE GLYCOL METHYL ETHER			X		
G- 1380	37625-56-2	POLYCAPROLACTONE TRIOLS	X				
H- 20	38684-65-0	1,4-BUTANEDIOL DIMETHACRYLATE			X		
H- 830	52125-53-8	PROPYLENE GLYCOL MONOETHYL ETHER			X		
G- 149	52829-07-9	BIS(1,2,2,6,6,PENTAMETHYL4 PIPERIDINYL)SEBACATE	X		X		
W- 6003	55799-16-1	ZINC PHOSPHOXIDE	X		X		X
W- 6414	58339-34-7	C.I. PIGMENT RED 108	X	X			
KG-10539	60619-92-3	TETRA BUTYL AMMONIUM CHLOROBENZOATE IN THF	X	X	X		X
W- 139	60676-86-0	AMORPHOUS SILICA	X	X			
KG-10604	61412-73-5	DIMETHYL TEREPHTHALATE RESIN					X
G- 120	61725-84-6	C I SOLVENT RED 130	X				

TITLE III SUMMARY
RAW MATERIALS BY CAS NUMBER

DUPONT CODE	CAS NUMBER	CHEMICAL NAME	A	C	F	P	R
H- 852	61788-37-2	DRIER CATALYST	X		X		
G- 383	61788-47-4	BARIUM LANOLATE		X			
G- 1349	61788-89-4	DIMERIZED FATTY ACID	X				
G- 2627	63148-65-2	POLYVINYL BUTYRAL RESIN	X				
W- 6023	63231-67-4	SILICIC ACID		X			
H- 773	64742-88-7	ALIPHATIC HYDROCARBON	X	X	X		
H- 465	64742-88-7	HYDROCARBON SOLVENT A.P.C.	X	X	X		
H- 471	64742-88-7	MINERAL SPIRITS 66/3	X	X	X		
H- 457	64742-88-7	MINERAL SPIRITS- AROMATIC CONTROLLED	X	X	X		
H- 570	64742-89-8	ALIPHATIC PETROLEUM HYDROCARBON (138-177 C)		X	X		
H- 601	64742-94-5	AROMATIC HYDROCARBON	X		X		
H- 446	64742-94-5	HYDROCARBON AROMATIC		X	X		
H- 596	64742-95-6	AROMATIC HYDROCARBON	X		X		
H- 169	64742-95-6	MINERAL SPIRITS	X	X	X		
G- 1290	66375-36-8	TOLUENE SULFONIC ACID CATALYST SOLUTION	X	X	X		X
G- 1375	66375-36-8	TOLUENE SULFONIC ACID CATALYST SOLUTION	X		X		X
G- 1376	66375-36-8	TOLUENE SULFONIC ACID CATALYST SOLUTION	X		X		X
H- 854	67567-23-1	ETHYL 3,3 DI (T-AMYPEROXY) BUTYRATE			X	X	X
G- 1305	67700-97-4	ANTI-SETTLING AGENT IN XYLENE	X	X	X		X
G- 1293	68002-19-7	UREA RESIN/XYLEL/ETHYL BENZENE	X	X	X		
G- 875	68002-20-0	MELAMINE-FORMALDEHYDE RESIN/BUTYL ALCOHOL	X	X	X		
G- 1382	68002-21-1	MELAMINE RESIN/ISOBUTANOL	X	X	X		
G- 26	68002-25-5	ACRYLIC RESIN	X	X	X		
G- 1158	68002-25-5	BUTYLATED MELAMINE FORMALDEHYDE RESIN	X	X	X		
G- 1275	68002-25-5	BUTYLATED MELAMINE RESIN	X	X	X		
G- 1297	68002-25-5	BUTYLATED MELAMINE RESIN	X	X	X		
G- 350	68002-25-5	MELAMINE FORMALDEHYDE RESIN	X	X	X		
H- 509	68037-63-8	SURFACTANT			X		
G- 2579	68037-67-2		X	X	X		
W- 6643	68186-90-3	CHROME ANTIMONY TITANATE	X				X
W- 600	68186-90-3	CHROME-ANTIMONY TITANATE	X	X			
W- 212	68186-91-4	COPPER CHROMITE BLACK SPINEL	X				
G- 1372	68308-53-2	SOYA FATTY ACID	X				X
G- 1383	68400-67-9	POLYETHYLENE LACQUER RESIN	X	X	X		
G- 1353	68459-31-4	ALKYD RESIN/TOLUOL/METHYL ETHYL KETONE	X	X	X		
H- 653	68477-31-6	AROMATIC HYDROCARBON	X	X	X		
KG-10556	68541-33-3	ACRYLIC RESIN	X	X	X		
H- 533	68551-15-5	ALIPHATIC HYDROCARBON	X		X		
G- 994	68553-00-4	FUEL OIL #6	X		X		
G- 1384	68605-55-0	EPOXY ESTER RESIN	X	X	X		
H- 876	68605-55-0	EPOXY ESTER RESIN	X		X		
W- 6633	68611-43-8	TITANIUM YELLOW	X				
W- 1152	68855-54-9	SILICA	X	X			
G- 520	68938-40-9	MIXING VARNISH-TUNG OIL AND A MODIFIED PHENOLIC RESIN			X		
KG-10558	68955-24-8	MELAMINE RESIN	X				
KH-10442	71808-49-6	KETONE SOLVENT		X	X		
KG-10603	75070-45-0	DIMETHYL TEREPHTHALATE RESIN					X
KG-10605	75701-44-9	DIMETHYL TEREPHTHALATE RESIN					X
G- 579	82537-67-5	HINDERED AMINE/XYLENE	X	X			

E. I. DUPONT DE NEMOURS & CO., INC.
AUTOMOTIVE PRODUCTS DEPARMENT
TITLE III SUMMARY
RAW MATERIALS BY CAS NUMBER

DUPONT CODE	CAS NUMBER	CHEMICAL NAME	A	C	F	P	R
KG-10656	84268-33-7	METHYL 3-(3'-(2H)-BENZOTRIAZOL-2"-YL-5'-TERT-BUTYL-4'-HYDROXYPHENYL)PROPIONATE		X			
KG-10513	85997-75-7	BUTYLVINYLETHER BLOCKED METHACRYLIC ACID	X		X		X
KG-10479	88230-35-7	ACETIC ACID ESTER			X		
H- 858	88230-39-7	HEXYL ACETATE ISOMERS			X		
G- 1391	89285-12-1	POLYESTER RESIN/BUTYL ACETATE	X		X		
G- 1390	89285-12-1	POLYESTER RESIN/BUTYLACETATE	X		X		
KG-10561	90034-90-0	ACRYLIC SURFACTANT	X	X	X		X
H- 829	94825-54-4	PROPYLENE GLYCOL MONO ETHYL ETHER ACETATE			X		
KG-10602	99904-22-0	POLYIMIDE SOLUTION	X				X
H- 270	99999-99-9	METHOXY 4-METHYL PENTONE-2	X		X		

DU PONT
ESTABLISHED 1802
E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED
PARLIN, NEW JERSEY 08859

IMAGING SYSTEMS DEPARTMENT

October 16, 1987

Sayreville Emergency Planning Committee
c/o Douglas Sprague, Police Chief
1000 Main Street
Sayreville, NJ 08872

Re: Section 311 Inventory List

Gentlemen:

Attached please find an inventory list of hazardous substances stored at this site which meet the criteria set forth in Section 311 of the Federal Superfund Amendents and Reauthorization Act of 1986 (SARA). This list follows the format as recommended by the N. J. Department of Environmental Protection.

Please note that the list is for the combined Du Pont facility in Parlin, Borough of Sayreville. The Imaging Systems Department (formerly Photo Products) on Cheesequake Road, and the Fabricated Products (FP) Department (formerly F&FP) have combined under one site administration and will be reporting as one facility for all SARA Title III requirements.

If you have any questions regarding this matter, please call our facility emergency response contact who is Ed Brennan at (201) 257-4600, Ext. 1478.

Very truly yours,

E. L. Brennan
Sr. Environmental Engineer

ELB:jak
attachment

IM-1

DUPONT
ESTABLISHED 1802
E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED
PARLIN, NEW JERSEY 08859

IMAGING SYSTEMS DEPARTMENT

October 16, 1987

New Jersey Department of Environmental Protection
Division of Environmental Quality
Bureau of Hazardous Substance Information
ATTN: SARA, Section 311
CN 405
Trenton, NJ 08625

Re: Section 311 Inventory List

Gentlemen:

Attached please find an inventory list of hazardous substances stored at this site which meet the criteria set forth in Section 311 of the Federal Superfund Amendents and Reauthorization Act of 1986 (SARA). This list follows the format as recommended by the N. J. Department of Environmental Protection.

Please note that the list is for the combined Du Pont facility in Parlin, Borough of Sayreville. The Imaging Systems Department (formerly Photo Products) on Cheesequake Road, and the Fabricated Products (FP) Department (formerly F&FP) have combined under one site administration and will be reporting as one facility for all SARA Title III requirements.

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Very truly yours,

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Sr. Environmental Engineer

ELB:jak
attachment

IM-1

E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED
PARLIN, NEW JERSEY 08859

IMAGING SYSTEMS DEPARTMENT

October 16, 1987

Sayreville Fire Department
c/o Raymond Szkodny, Fire Chief
1000 Main Street
Sayreville, NJ 08872

Re: Section 311 Inventory List

Gentlemen:

Attached please find an inventory list of hazardous substances stored at this site which meet the criteria set forth in Section 311 of the Federal Superfund Amendents and Reauthorization Act of 1986 (SARA). This list follows the format as recommended by the N. J. Department of Environmental Protection.

Please note that the list is for the combined Du Pont facility in Parlin, Borough of Sayreville. The Imaging Systems Department (formerly Photo Products) on Cheesequake Road, and the Fabricated Products (FP) Department (formerly F&FP) have combined under one site administration and will be reporting as one facility for all SARA Title III requirements.

If you have any questions regarding this matter, please call our facility emergency response contact who is Ed Brennan at (201) 257-4600, Ext. 1478.

Very truly yours,

E. L. Brennan
Sr. Environmental Engineer

ELB:jak
attachment

E.I. DUPONT FACILITY (IMAGING SYSTEMS & FP DEPT'S) PARLIN, NJ

SARA TITLE III, SECTION 311 - INVENTORY LIST

Notes:

Hazard Categories Legend:

1- Fire
2- Sudden Release of Pressure
3- Reactivity
4- Immediate (acute)
5- Delayed (chronic)

EHS= Extremely Hazardous Substance

- EHS substances listed are present in quantities greater than 0 lbs.

- All other substances listed are present in quantities of 10,000 lbs. or more.

- Many substances listed may not have an "X" under any hazard category. This is because they do not meet any of the hazard category criteria but there is an MSDS for them and they therefore must be reported.

- A "*" in the CAS Number column means no CAS number is available.

- There are five pages of substances attached.

E.I DUPONT FACILITY (IMAGING SYSTEMS & FP DEPT'S) PARLIN, NJ

SARA TITLE III, SECTION 311 - INVENTORY LIST

SUBSTANCE NAME	CAS NUMBER	HAZARD CATEGORY(IES)					
		1	2	3	4	5	EHS
2,2,4TRIMETHYL-1,3-PENTANEDIOLMONOISOBUTYRATE	25265774						
2-(2-BUTOXYETHOXY)ETHANOL	112345						
2-ETHYL HEXYL ACRYLATE	103117	X		X	X		
2-HYDROXY ETHYL ACRYLATE	818611	X		X	X		
3A ALCOHOL	*	X					
ACETIC ACID	64197				X		
ACETIC ACID ESTER	88230357						
ACETONE	67641	X			X		
ACHM SPIRITS- 5% (HYDROCARBON MIXTURE)	64742887						
ACHM SPIRITS- 8% (PETROLEUM SOLVENTS)	8032324	X					
ACID VIOLET	*						
ACRYLONITRILE	107131	X		X	X	X	X
ADIPIC ACID	124049				X		
ALCOHOL SULFATE SODIUM SALT	*						
ALIPHATIC DIBASIC ACID ESTERS	627930						
ALIPHATIC DIISOCYANATE	5124301				X		
ALLYLAMINE	107119	X			X		X
ALUMINUM SILICATE	1302767						
AMMONIA	7664417		X				X
AMMONIUM BROMIDE	12124979						
AMMONIUM CHLORIDE	12125029			X			
AMYL ACETATE	628637	X					
ANILINE	62533				X		X
BLOCK COPOLYMER THERMOPLASTIC RUBBER	*						
BROMINE	7726956	X			X		X

E.I DUPONT FACILITY (IMAGING SYSTEMS & FP DEPT'S) PARLIN, NJ

SARA TITLE III, SECTION 311 - INVENTORY LIST

SUBSTANCE NAME	CAS NUMBER	HAZARD CATEGORY(IES)					
		1	2	3	4	5	EHS
BUTYL ACETATE	123864	X					
BUTYL ACRYLATE	141322			X			
BUTYL METHACRYLATE	97881			X			
CELLOSOLVE ACETATE	11159						
CHLORINE	7782505		X	X	X		X
CHROMIUM OXIDE	1308389						
CYANINE DYE	*						
DIBUTYL PHTHLALATE	84742				X		X
DIISOBUTYL KETONE	108838						
DIMETHYL PHTHALATE	131113	X					X
DIOCTYL PHTHALATE	117817					X	X
ETHYL ACETATE	141786	X					
ETHYL ACRYLATE	140885	X					
ETHYL METHACRYLATE	97632						
ETHYL-3-ETHOXYPROPIONATE	763699						
ETHYLENE GLYCOL	107211				X	X	
ETHYLENE GLYCOL MONOBUTYL ETHER	111762						
ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE	1120702						
ETHYLENEDIAMINE	107153	X			X		X
FLUOROCARBON RESIN DISPERSION	9002840						
FORMALDEHYDE	50000					X	X
FUEL OIL #6	68476335	X					
GLYCERINE	56817						
HEXAMETHYLENE DIACRYLATE	13048334			X			
HEXAMETHYLENE DIMETHACRYLATE	6606593			X			

E.I DUPONT FACILITY (IMAGING SYSTEMS & FP DEPT'S) PARLIN, NJ

SARA TITLE III, SECTION 311 - INVENTORY LIST

SUBSTANCE NAME	CAS NUMBER	HAZARD CATEGORY(IES)					
		1	2	3	4	5	EHS
HYCAR ELASTOMERIC COPOLYMER	9003183						
HYDROCARBON SOLVENT	*						
HYDROGEN FLUORIDE	7664393		X		X		X
HYDROQUINONE	123319					X	X
HYDROXYPHENYLPROPANE	*				X		
ISOPROPYL ALCOHOL	67630	X					
LAURYL METHACRYLATE	142905			X	X		
MERCURIC CHLORIDE	7487947				X		X
MERCURIC OXIDE	21908532	X			X		X
METAL SALTS OF ORGANIC ACIDS	*	X					
METHACRYLIC ACID	79414			X			
METHANOL	67561	X			X		
METHYL ETHYL KETONE	78933	X					
METHYL ISOBUTYL KETONE	108101	X					
METHYL METHACRYLATE MONOMER	80626	X					
METHYL PYRROLIDONE	872504				X		
METHYLENE CHLORIDE	75092			X	X	X	
N-BUTYL ALCOHOL	71363	X					
NICKEL	7440020					X	X
NITRIC ACID	7697372			X	X		X
NITROBENZENE	98953		X		X	X	X
OLAN S-2324 SENSITIVE DYE	*						
PETROLEUM NAPTHA	*	X					
PHENOL	108952				X		X
PHOSPHOROUS PENTOXIDE	1314563			X	X		X

E.I DUPONT FACILITY (IMAGING SYSTEMS & FP DEPT'S) PARLIN, NJ

SARA TITLE III, SECTION 311 - INVENTORY LIST

SUBSTANCE NAME	CAS NUMBER	HAZARD CATEGORY(IES)					
		1	2	3	4	5	EHS
PHTHALIC ANHYDRIDE	85449				X		
PICCOTEX WAX	8001750						
POLYESTER DIOL	24980414						
POLYISOCYANATE	9016879						
POLYOIL 110/130	9003172						
POLYPROPYLENE GLYCOL	25322694						
POLYTETRAFLOVORETHYLENE AQUEOUS DISPERSION	9002840						
POTASSIUM BROMIDE	7758023						
POTASSIUM CHLORIDE	7447407				X		
POTASSIUM IODIDE	7681110						
PRECATYLIZED EPOXY	*						
PROPYLENE CARBONATE	*						
PROPYLENE GLYCOL METHYL ETHER ACETATE	108656						
PROPYLENEIMINE	75558	X	X	X	X	X	X
PYRAZOLONE DYE	34142262						
RC-65851 EPOXY RESIN SOLUTION	*	X					
RCH-30205 LUCITE DISPERSION RESIN	*						
RHODIUM TRICHLORIDE	10049077				X		X
RL-3340 ETHYLENE GLYCOL RESIN/COCONUT OIL	*						
SILICON DIOXIDE	14808607					X	
SILICONE DIOXIDE	7631869					X	
SODIUM ALKYLARYLPOLYETHERSULFONATE	*						
SODIUM AZIDE	26628228	X	X	X	X		X
SODIUM HEXACHLOROHODATE	14972704						
SULFUR DIOXIDE	7446095				X		X

E.I DUPONT FACILITY (IMAGING SYSTEMS & FP DEPT'S) PARLIN, NJ

SARA TITLE III, SECTION 311 - INVENTORY LIST

SUBSTANCE NAME	CAS NUMBER	HAZARD CATEGORY(IES)					
		1	2	3	4	5	EHS
SULFURIC ACID	7664939			X	X	X	
TAOBN	34122402						
TDI (TOLUENE-2,4-DIISOCYANATE)	584849				X		
TEREPHTHALIC ACID	100210				X	X	
TERT-BUTYLAMINOETHYL METHACRYLATE	3775904						
TITANIUM DIOXIDE	13463677						
TOLUENE	108883	X			X	X	
TOLUENE-2,4-DIISOCYANATE	584849			X			X
TRICHLOROETHANE	79005						
VMP NAPTHA	*	X					
WHITE MINERAL OIL	8012951						
XYLENE	1330207	X					

IM-8

DUPONT
ESTABLISHED 1802
E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED
WILMINGTON, DELAWARE 19898

IMAGING SYSTEMS DEPARTMENT
BARLEY MILL PLAZA

cc: B. K. Saydlowski
W. L. Gamble
S. S. Mileti

October 13, 1987

TO: OH Coordinators

Classifications of Chemicals

C & P Department has classified their products according to the five hazard classes as defined by EPA in SARA/Title III.

Enclosed is the C & P classifications for your use.

Cynthia T. Bautista

CHEMICAL/PRODUCT NAME	CAS/DuPONT #	ACUTE HEALTH	CHRONIC HEALTH	FIRE HAZARD	REACTIVITY	PRESSURE
ACETONE	67-64-1	Y	N	Y	N	N
ACETONITRILE	75-05-8	Y	Y	Y	Y	N
ACETYLENE	74-86-2	N	N	Y	N	Y
12/3 ACID	Mixture	Y	Y	N	Y	N
ACRYLONITRILE	107-13-1	Y	Y	Y	Y	N
ADIPIC ACID	124-04-9	Y	N	N	N	N
ADIPONITRILE	111-69-3	Y	Y	N	Y	N
ALUMINUM	7429-90-5	N	N	Y	N	N
ALUMINUM CHLORIE	7446-70-0	Y	N	N	Y	N
ALUMINUM OXIDE TRIHYDRATE	14762-49-3	N	N	N	N	N
ALUMINUM PELLETS	7429-90-5	N	N	N	N	N
ALUMINUM SULFATE	10043-01-3	N	N	N	N	N
2-AMINOTOLUENE-5-SULFONIC ACID	98-33-9	Y	Y	N	Y	N
4-AMINOTOLUENE-3-SULFONIC ACID	88-44-8	N	N	N	Y	N
AMMONIA, AQUEOUS	7664-41-7	Y	N	N	N	Y
AMMONIUM CHLORIDE	12125-02-9	N	N	N	Y	N
AMMONIUM HYDROXIDE	1336-21-6	Y	N	N	N	N
AMMONIUM THIOSULFATE	7783-18-3	N	N	N	Y	N
AMP-95	124-68-5	Y	N	Y	N	N
ANILINE	62-53-3	Y	Y	Y	N	N
ANTIMONY & COMPOUNDS		Y	Y	N	N	N
ANTIMONY PENTAFLUORIDE	7783-70-2	Y	Y	N	N	N
ARGON	7440-37-1	N	N	N	N	Y
ARSENIC & COMPOUNDS		Y	Y	N	Y	N

CHEMICAL/PRODUCT NAME	CAS/DuPONT #	ACUTE HEALTH	CHRONIC HEALTH	FIRE HAZARD	REACTIVITY	PRESSURE
ARSENIC TRICHLORIDE	7784-34-1	Y	Y	N	Y	N
ASBESTOS	1332-21-4	N	Y	N	N	N
BA 7925	75-71-8	N	N	Y	Y	N
BARGED WASTE		Y	N	N	N	N
BARIUM CHLORIDE	10361-37-2	Y	Y	N	N	N
BENZENE	71-43-2	Y	Y	Y	Y	N
BETZ GCP-109	DP43-39-4	Y	Y	N	N	N
BHMT AMINE	68411-90-5	Y	N	N	Y	N
BOARDCLEAN 110,111,112		N	N	N	Y	N
BUTADIENE, REFINED	106-99-0	Y	Y	Y	Y	Y
1,4-BUTANEDIOL	110-63-4	N	N	N	N	N
BUTYL CELLOSOLVE ACETATE	1120-70-2	N	N	Y	N	N
C9 AROMATIC SOLVENT	6833-29-9	N	Y	Y	N	N
CALCIUM CARBONATE	471-34-1	N	N	N	N	N
CALCIUM CHLORIDE	10043-52-4	N	N	N	N	N
CALCIUM FLUORIDE	7789-75-5	Y	Y	N	Y	N
CALCIUM OXIDE	1305-78-8	Y	N	N	Y	N
CALCIUM SULFATE	7778-18-9	Y	N	N	N	N
CAO (R)-3 (ANTIOXIDANT #29)	128-37-0	N	N	N	N	N
CARBON DIOXIDE-COMPRESSED GAS	124-38-9	N	N	N	N	Y
CARBON DIOXIDE-DRY ICE	124-38-9	N	N	N	N	N
CARBON MONOXIDE	630-08-0	Y	Y	N	N	Y
CARBON TETRACHLORIDE	56-23-5	Y	Y	N	Y	N
CELITE	7631-86-9	N	Y	N	N	N

CHEMICAL/PRODUCT NAME	CAS/DuPONT #	ACUTE HEALTH	CHRONIC HEALTH	FIRE HAZARD	REACTIVITY	PRESSURE
CHARCOAL	16291-96-6	N	N	N	N	N
CHLORINE	7782-50-5	Y	Y	N	Y	Y
2-CHLORO-4-AMINOTOLUENE	95-74-9	Y	Y	N	N	N
2-CHLORO-4-AMINOTOLUENE-5-SULFONIC ACID	88-51-7	Y	N	N	N	N
o-CHLOROANILINE	95-51-2	Y	Y	N	N	N
p-CHLOROANILINE	106-47-8	Y	Y	N	N	N
CHLOROFORM	67-66-3	Y	Y	N	Y	N
2-CHLORO-4-NITROTOLUENE	121-86-8	Y	Y	N	N	N
CHLOROSULFONIC ACID	7790-94-5	Y	Y	N	Y	N
COAL		N	Y	N	Y	N
COKE		N	N	N	N	N
CONTAMINATED SOIL (EXCAVATIONS)		N	N	N	N	N
"CORFREE" M1	72162-23-3	Y	N	N	Y	N
"CORFREE" M3		Y	N	N	Y	N
CYCLODODECANE	294-66-2	Y	N	N	Y	N
CYCLODODECANOL	1724-39-6	Y	N	N	N	N
CYCLODODECATRIENE	4904-61-4	Y	N	Y	Y	N
CYCLOOCTADIENE	111-78-4	Y	Y	Y	Y	N
DBA DIBASIC ACID	97-19-2	N	N	N	Y	N
DECAHYDRONAPHTHALENE (DECALIN)	91-17-8	Y	N	Y	Y	N
DIAMINOCYCLOHEXANE	694-83-7	Y	Y	Y	Y	N
4,4'-DIAMINODIPHENYL ETHER (4,4'-OXYDIANILINE)	101-80-4	Y	Y	N	Y	N
DIATOMACEOUS EARTH	68855-54-9	N	N	N	N	N
DIBASIC ESTER	DP53-60-5	Y	N	N	N	N

CHEMICAL/PRODUCT NAME	CAS/DuPONT #	ACUTE HEALTH	CHRONIC HEALTH	FIRE HAZARD	REACTIVITY	PRESSURE
DIBASIC ESTER-2	DP30-92-6	Y	N	N	N	N
DIBASIC ESTER-3	DP360-00-3	Y	N	N	N	N
DIBASIC ESTER-4	106-65-0	Y	N	N	N	N
DIBASIC ESTER-5	1119-40-0	Y	N	N	N	N
DIBASIC ESTER-9	DP328-74-9	Y	N	N	N	N
2,3-DICHLOROANILINE	608-27-5	Y	Y	Y	N	N
3,4-DICHLOROANILINE (DCA)	95-76-1	Y	Y	N	N	N
1,4-DICHLORO-2-NITROBENZENE	89-61-2	Y	Y	N	N	N
3,4-DICHLORONITROBENZENE	99-54-7	Y	Y	N	Y	N
DIETHYLANILINE (DEA)	91-66-7	Y	Y	Y	Y	N
DIETHYLENE GLYCOL	111-46-6	Y	Y	N	Y	N
DIETHYL-m-TOLUIDINE (DEMT)	91-67-8	Y	Y	N	Y	N
DIHYDRAZINE SULFATE		Y	Y	Y	Y	N
N,N-DIMETHYLANILINE	121-69-7	Y	Y	Y	Y	N
DIMETHYL PHTHALATE	131-11-3	N	Y	N	N	N
DIMETHYL SULFATE	77-78-1	Y	Y	Y	Y	N
DIMETHYL TEREPHTHALATE	120-61-6	Y	N	N	N	N
DIMETHYL-5-SULFOISOPHTHALATE, SODIUM SALT (DRL-6)	3965-55-7	Y	N	N	Y	N
DIMETHYLACETAMIDE (DMAC)	127-19-5	Y	Y	Y	N	N
DIMETHYLFORMAMIDE	68-12-2	Y	Y	Y	N	N
2,4-DINITROTOLUENE	121-14-2	Y	Y	N	Y	Y
DINITROTOLUENE MIXTURE	25321-14-6	Y	Y	N	Y	Y
DISULFIDE OIL	68334-01-0	Y	Y	Y	Y	N
1,12-DODECANEDIAMINE	2783-17-7	Y	Y	N	Y	N

CHEMICAL/PRODUCT NAME	CAS/DuPONT #	ACUTE HEALTH	CHRONIC HEALTH	FIRE HAZARD	REACTIVITY	PRESSURE
DODECANEDIOIC ACID	693-23-2	Y	N	N	N	N
DYMEL 11	75-69-4	N	N	N	Y	N
DYMEL 11/N-PENTANE	75-69-4	N	N	Y	Y	N
DYMEL 12	75-71-8	N	N	N	Y	Y
DYMEL 12/11 BLENDS	75-71-8	N	N	N	Y	Y
DYMEL 12/11/N-PENTANE	75-71-8	N	N	Y	Y	Y
DYMEL 12/114	75-71-8	N	N	N	Y	Y
DYMEL 12/DYMEL 11/ISOBUTANE	75-71-8	N	N	Y	Y	Y
DYMEL 12/DYMEL 114/N-BUTANE	75-71-8	N	N	N	Y	Y
DYMEL 12/DYMEL A BLENDS	75-71-8	N	N	Y	Y	Y
DYMEL 12/ISOBUTANE BLENDS	75-71-8	N	N	Y	Y	Y
DYMEL 13B1/DYMEL 152 BLENDS	75-63-8	N	N	Y	Y	Y
DYMEL 22	75-45-6	N	N	N	Y	Y
DYMEL 22/12 BLENDS	75-45-6	N	N	N	Y	N
DYMEL 22/142 BLENDS	75-45-6	N	N	Y	Y	Y
DYMEL 22/A/METHYLENE CHLORIDE BLENDS	75-45-6	N	Y	Y	Y	Y
DYMEL 22/B	75-45-6	N	N	Y	Y	Y
DYMEL 22/ISOBUTANE BLENDS	75-45-6	N	N	Y	Y	Y
DYMEL 22/METHYLENE CHLORIDE BLENDS	75-45-6	N	Y	N	Y	Y
DYMEL 22/PENTANE (95/5)	75-45-6	N	N	N	Y	Y
DYMEL 113	76-13-1	N	N	N	Y	N
DYMEL 114	76-14-2	N	N	N	Y	Y
DYMEL 114/11 BLENDS	76-14-2	N	N	N	Y	N
DYMEL 115	76-15-3	N	N	N	Y	Y

CHEMICAL/PRODUCT NAME	CAS/DuPONT #	ACUTE HEALTH	CHRONIC HEALTH	FIRE HAZARD	REACTIVITY	PRESSURE
DYMEL 115/12 BLENDS	76-15-3	N	N	N	Y	Y
DYMEL 142	75-69-4	N	N	Y	Y	Y
DYMEL 152	75-37-6	N	N	Y	Y	Y
DYMEL 152/ISOBUTANE	75-37-6	N	N	Y	Y	Y
DYMEL 152/N-BUTANE	75-37-6	N	N	Y	Y	Y
DYMEL A, *DIMETHYL ETHER	115-10-6	N	N	Y	Y	Y
DYMEL A/A-46 (37.5/62.5 WT.%)	115-10-6	N	N	Y	Y	Y
DYMEL A/ISOBUTANE	115-10-6	N	N	Y	Y	Y
DYMEL A/N-BUTANE	115-10-6	N	N	Y	Y	Y
"DYTEK" A AMINE	15520-10-2	Y	Y	Y	Y	N
ETHANOX (R) 330 ANTIOXIDANT	1709-70-2	N	N	Y	Y	N
N-ETHYLANILINE	103-69-5	Y	Y	Y	Y	N
ETHYLENE	74-85-1	N	Y	Y	Y	Y
ETHYLENE DIBROMIDE	106-93-4	Y	Y	N	N	N
ETHYLENE DICHLORIDE	107-06-2	Y	Y	Y	Y	N
ETHYLENE GLYCOL	107-21-1	Y	Y	N	N	N
N-ETHYL-m-TOLUIDINE	102-27-1	Y	Y	N	Y	N
FATTY ACID	65997-03-7	Y	N	N	N	N
FERRIC CHLORIDE	7705-08-0	Y	N	N	N	N
FERRIC CHLORIDE HEXAHYDRATE	7705-08-0	Y	N	N	N	N
FERROUS CHLORIDE	1301-33-7	Y	N	N	N	N
FERROUS CHLORIDE BLEND		Y	N	N	N	N
FICC SOLVENT	76-13-1	N	N	N	Y	N
FLORIDA ZIRCON SANDS	14940-68-2	N	N	N	N	N

CHEMICAL/PRODUCT NAME	CAS/DuPONT #	ACUTE HEALTH	CHRONIC HEALTH	FIRE HAZARD	REACTIVITY	PRESSURE
FLUOROSULFONIC ACID	7789-21-1	Y	Y	N	Y	N
FORMALDEHYDE	50-00-0	Y	Y	Y	Y	N
FORMALDEHYDE SOLUTIONS	50-00-0	Y	Y	Y	Y	N
"FORMBLEN" SOLUTION		Y	Y	Y	Y	N
FREON 11	75-69-4	N	N	N	Y	N
FREON 11 PRESSURIZED	75-69-4	N	N	N	Y	Y
FREON 11/FREON 113 BLEND	75-69-4	N	N	N	Y	N
FREON 11/FREON 113 RC BLENDS	75-69-4	N	N	N	Y	N
FREON 11A & C BLOWING AGENTS	75-69-4	N	N	N	Y	N
FREON 11A/113 BLOWING AGENT		N	N	N	Y	N
FREON 11A/FREON 113 BLEND	75-69-4	N	N	N	Y	N
FREON 11B BLOWING AGENT		N	N	N	Y	Y
FREON 11H BLOWING AGENT	75-69-4	N	N	N	Y	N
FREON 11HE BLOWING AGENT		N	N	N	Y	N
FREON 12	75-71-8	N	N	N	Y	N
FREON 12 WITH DYTEL LEAK DETECTIVE	75-71-8	N	N	N	Y	Y
FREON 12/11 BLENDS	75-71-8	N	N	N	Y	Y
FREON 12/11/N-PENTANE BLOWING AGENT		N	N	Y	Y	Y
FREON 12/11A		N	N	N	Y	N
FREON 12/FREON 11/FREON 114 50/25/25 WT.% BLEND	75-71-8	N	N	N	Y	Y
FREON 12/FREON 114 BLENDS	75-71-8	N	N	N	Y	Y
FREON 12/METHANOL		N	N	N	Y	Y
FREON 12/N-HEXANE BLEND	75-71-8	N	Y	N	Y	Y
FREON 12/N-PENTANE	75-71-8	N	N	Y	Y	Y

CHEMICAL/PRODUCT NAME	CAS/DuPONT #	ACUTE HEALTH	CHRONIC HEALTH	FIRE HAZARD	REACTIVITY	PRESSURE
FREON 12C/11C	75-71-8	N	N	N	Y	Y
FREON 13	75-72-9	N	N	N	Y	Y
FREON 13B1	75-63-8	N	N	N	Y	Y
FREON 13B1/DYMEL 152 BLENDS		N	N	Y	Y	Y
FREON 14	75-73-0	N	N	N	Y	Y
FREON 22	75-45-6	N	N	N	Y	Y
FREON 22 WITH DYTEL LEAK DETECTIVE	75-45-6	N	N	N	Y	Y
FREON 23	75-46-7	N	N	N	Y	Y
FREON 23/FREON 14 BLEND	75-46-7	N	N	N	Y	Y
FREON 113	76-13-1	N	N	N	Y	N
FREON 113RC	76-13-1	N	N	N	Y	N
FREON 114	76-14-2	N	N	N	Y	Y
FREON 114/ETHYL CHLORIDE	76-14-2	N	N	N	Y	N
FREON 114/FREON 113 (90.0/10.0 WT. %) BLEND	76-14-2	N	N	N	Y	Y
FREON 115	76-15-3	N	N	N	Y	Y
FREON 115/12 BLENDS		N	N	N	Y	Y
FREON 116	76-16-4	N	N	N	Y	Y
FREON 116.5 (116/23)		N	N	N	Y	Y
FREON 116/NITROUS OXIDE	76-16-4	N	N	N	Y	Y
FREON 123	306-83-2	N	N	N	Y	N
FREON 500	75-71-8	N	N	N	Y	Y
FREON 500/METHANOL		N	N	N	Y	Y
FREON 502	76-15-3	N	N	N	Y	Y
FREON 502 WITH DYTEL LEAK DETECTIVE	76-15-3	N	N	N	Y	Y

CHEMICAL/PRODUCT NAME	CAS/DuPONT #	ACUTE HEALTH	CHRONIC HEALTH	FIRE HAZARD	REACTIVITY	PRESSURE
FREON 503	75-46-7	N	N	N	Y	Y
FREON HE BLOWING AGENT	75-69-4	N	N	Y	Y	N
FREON MF SOLVENT	75-69-4	N	N	N	Y	N
FREON MICRO-FREE 14 PLASMA ETCHANT	75-73-0	N	N	N	Y	Y
FREON T-B1	76-13-1	N	N	N	Y	N
FREON T-DA 5 & FREON T-DA 35	76-13-1	N	N	N	Y	N
FREON T-DF & FREON T-DFC	76-13-1	N	N	N	Y	N
FREON T-ES 35 SOLVENT	76-13-1	N	N	N	Y	N
FREON T-WD 602 SOLVENT	76-13-1	N	N	N	Y	N
FREON TA SOLVENT	76-13-1	Y	N	N	Y	N
FREON TC-7 SOLVENT	75-69-4	Y	Y	N	Y	N
FREON TE SOLVENT AZEOTROPE & BLENDS	76-13-1	N	N	N	Y	N
FREON TES SOLVENT AZEOTROPE	76-13-1	N	N	N	Y	N
FREON TF SOLVENT	76-13-1	N	N	N	Y	N
FREON TFS SOLVENT	76-13-1	N	N	N	Y	N
FREON TMC SOLVENT AZEOTROPE	76-13-1	Y	Y	N	Y	N
FREON TMS SOLVENT		N	N	N	Y	N
FREON TP SOLVENT AZEOTROPE & BLENDS	76-13-1	N	Y	N	Y	N
FUEL OIL NO. 2		N	N	Y	N	N
FUEL OIL NO. 6	68553-00-4	N	N	Y	N	N
GASOLINE	8006-61-9	Y	Y	Y	N	N
GELVA V 1.5	9003-20-7	N	N	N	N	N
GLUTARIC ACID	110-94-1	Y	Y	N	N	N
GLYCOLIDE	502-97-6	Y	N	N	Y	N

CHEMICAL/PRODUCT NAME	CAS/DuPONT #	ACUTE HEALTH	CHRONIC HEALTH	FIRE HAZARD	REACTIVITY	PRESSURE
HALOGEN TIN		N	N	N	N	N
HALON 122	75-71-8	N	N	N	Y	Y
HALON 1011	74-97-5	Y	N	N	Y	N
HALON 1301	75-63-8	N	N	N	Y	Y
HALON T-122 TEST GAS	75-71-8	N	N	N	Y	Y
HAZMAT FOAM		N	N	N	N	N
HELIUM	7440-59-7	N	N	N	N	Y
HEXAMETHYLENE DIAMINE	124-09-4	Y	Y	Y	Y	N
HEXAMETHYLENE DIAMINE SOLUTION	124-09-4	Y	Y	N	Y	N
HEXAMETHYLENEIMINE	111-49-9	Y	Y	Y	Y	N
HIGH SPEED FLUX 50		Y	Y	N	N	N
HYDROCHLORIC ACID	7647-01-0	Y	Y	N	Y	N
HYDROCHLORIC ACID SOLUTIONS	7647-01-0	Y	Y	N	Y	N
HYDROFLUORIC ACID	7664-39-3	Y	Y	N	Y	N
HYDROGEN	1333-74-0	N	N	Y	Y	Y
HYDROGEN CHLORIDE	7647-01-0	Y	Y	N	Y	N
HYDROGEN CHLORIDE, ANHYDROUS	7647-01-0	Y	Y	N	Y	Y
HYDROGEN CYANIDE	74-90-8	Y	N	Y	Y	N
HYDROGEN PEROXIDE	7722-84-1	Y	N	N	Y	Y
HYDROXYACETIC ACID	79-14-1	Y	N	N	N	N
ISOPHTHALOYL CHLORIDE	99-63-8	Y	N	N	Y	N
K6 FLUID	25038-02-2	Y	N	N	N	N
K7 FLUID	59884-34-3	Y	N	N	N	N
KA		Y	Y	Y	Y	N

CHEMICAL/PRODUCT NAME	CAS/DuPONT #	ACUTE HEALTH	CHRONIC HEALTH	FIRE HAZARD	REACTIVITY	PRESSURE
KCD-4026	76-13-1	N	N	N	Y	N
KCD-7414	76-13-1	N	N	N	Y	N
KCD-8580	75-69-4	N	N	N	Y	N
KCD-9407	76-13-1	N	N	N	Y	N
"KLEANROL" FLUX		Y	Y	N	N	N
LAMSOL		Y	Y	Y	N	N
LEAD	7439-92-1	Y	Y	N	N	N
LIMESTONE	471-34-1	N	N	N	N	N
LITHIUM	7439-93-2	Y	N	Y	Y	N
LITHIUM CHLORIDE	7447-41-8	Y	N	N	N	N
LRD-1	26570-73-0	N	N	N	N	N
LUDOX COLLOIDAL SILICA - All Grades	7631-86-9	Y	Y	N	N	N
LUDOX INDICATOR SOLUTION	1330-20-7	Y	N	Y	N	N
MAGNESIUM SULFATE	7487-88-9	N	N	N	N	N
MAGNIFLOC 2535CH		N	N	N	N	N
METHANE	74-82-8	N	N	Y	Y	N
METHYL ALCOHOL	67-56-1	Y	N	Y	N	N
METHYLAMINES SOL.: 40% DIMETHYLAMINE 60% DIMETHYLAMINE		Y Y	N N	Y Y	N Y	N N
METHYLAMINES, ANHYDROUS		Y	N	Y	N	Y
METHYL BENZOATE/METHYL P-TOLUATE		Y	N	Y	Y	N
2-METHYL-2-BUTENENITRILE	4403-61-6	Y	Y	Y	Y	N
2-METHYL-3-BUTENENITRILE	16529-56-9	N	Y	Y	Y	N
METHYL CHLORIDE	74-87-3	N	N	Y	Y	Y

CHEMICAL/PRODUCT NAME	CAS/DuPONT #	ACUTE HEALTH	CHRONIC HEALTH	FIRE HAZARD	REACTIVITY	PRESSURE
METHYLENE CHLORIDE	75-09-2	Y	Y	N	Y	N
METHYLGLUTARONITRILE	4553-62-2	Y	Y	N	Y	N
3-METHYLPIPERIDINE	626-56-2	Y	N	Y	Y	N
MIXED ACID		Y	Y	N	Y	N
MONOETHYLANILINE (MEA)	103-69-5	Y	Y	Y	Y	N
MONOMETHYLFORMAMIDE	123-39-7	Y	Y	N	Y	N
NAMSCO IV		Y	Y	Y	N	N
1-NAPHTHYLAMINE (ALPHA-NAPHTHYLAMINE)	134-32-7	N	Y	N	N	N
NICKEL	7440-02-0	N	Y	N	Y	N
NITRIC ACID	7697-37-2	Y	Y	N	Y	N
o-NITROANILINE	88-74-4	Y	Y	N	Y	N
p-NITROBENZOIC ACID	62-23-7	N	N	N	Y	N
o-NITROCHLOROBENZENE (ONCB)	88-73-3	Y	Y	N	Y	N
p-NITROCHLOROBENZENE (PNCB)	100-00-5	N	Y	N	Y	N
NITROGEN	7727-37-9	N	N	N	N	N
p-NITROPHENOL	100-02-7	Y	Y	N	Y	N
p-NITROSODIUM PHENOLATE (PNSP)	824-78-2	Y	N	Y	Y	N
NITROSYLSULFURIC ACID	7782-78-7	Y	Y	N	Y	N
o-NITROTOLUENE	88-77-2	Y	Y	N	Y	N
p-NITROTOLUENE	99-99-0	Y	Y	N	Y	N
OLEUM	8014-95-7	Y	Y	N	Y	N
ORTHOPHENYLENEDIAMINE	95-54-5	Y	Y	N	Y	N
"OXONE" MONOPERSULFATE COMPOUND		Y	N	N	N	N
OXYGEN	7782-44-7	N	Y	N	N	Y

CHEMICAL/PRODUCT NAME	CAS/DuPONT #	ACUTE HEALTH	CHRONIC HEALTH	FIRE HAZARD	REACTIVITY	PRESSURE
PARAPHENYLENEDIAMINE	106-50-3	Y	Y	N	Y	N
2-PENTENENITRILE	13284-42-9	Y	Y	Y	Y	N
3-PENTENENITRILE	4635-87-4	Y	Y	Y	Y	N
m-PHENYLENEDIAMINE (MPD)	108-45-2	Y	Y	N	Y	N
o-PHENYLENEDIAMINE (OPD)	95-54-5	Y	Y	N	Y	N
p-PHENYLENEDIAMINE (PPD)	106-50-3	Y	Y	N	Y	N
PHOSGENE	75-44-5	Y	N	N	Y	N
PHOSPHOROUS TRICHLORIDE	7719-12-2	Y	N	N	Y	N
POLYESTER CHIP		N	N	N	N	N
POLYMER TE	27637-03-2	N	N	N	Y	N
POLYMERIC ACRYLONITRILE TYPE A-7	24968-79-4	N	N	N	Y	N
POLYSILICATE 48		Y	N	N	N	N
POND SLUDGE		N	N	N	N	N
POTASSIUM CHLORIDE	7447-40-7	Y	N	N	N	N
POTASSIUM CYANIDE	151-50-8	Y	N	N	Y	N
POTASSIUM SILICATE	1312-76-1	Y	N	N	N	N
PROPANE	74-98-6	Y	Y	Y	N	Y
PROPYLENE	115-07-1	N	N	Y	Y	Y
"QUILON" CHROME COMPLEX - all grades		Y	N	Y	Y	N
RED LEAK DETECTIVE		N	N	N	N	N
SILICON DIOXIDE		N	Y	N	N	N
SILVER	7440-22-4	N	N	N	N	N
"SKAMEX" METALLURGICAL ADDITIVE	9002-84-0	N	N	N	Y	N
SODIUM - Na	7440-23-5	Y	N	Y	Y	N

CHEMICAL/PRODUCT NAME	CAS/DuPONT #	ACUTE HEALTH	CHRONIC HEALTH	FIRE HAZARD	REACTIVITY	PRESSURE
SODIUM ALUMINATE	1302-42-7	Y	N	N	N	N
SODIUM BISULFITE	7631-90-5	Y	N	N	Y	N
SODIUM CARBONATE	497-19-8	N	N	N	N	N
SODIUM CHLORIDE	7647-14-5	N	N	N	N	N
SODIUM CYANIDE	143-33-9	Y	N	N	Y	N
SODIUM HYDROXIDE	1310-73-2	Y	N	N	Y	N
SODIUM HYPOCHLORITE	7681-52-9	Y	Y	N	Y	N
SODIUM NITRITE	7632-00-0	Y	Y	N	Y	N
SODIUM PERBORATE TETRAHYDRATE	10486-00-7	Y	N	N	N	N
SODIUM SILICATE	1344-09-8	Y	Y	N	N	N
SODIUM STYRENE SULFONATE	2695-37-6	Y	N	Y	Y	N
SODIUM THIOSULFATE	7772-98-7	Y	N	N	Y	N
SPENT ACIDS		Y	Y	Y	Y	N
STAUROLITE PRODUCTS	12182-56-8	N	Y	N	N	N
SUCCINIC ACID	110-15-6	Y	N	N	Y	N
SULFUR	7704-34-9	Y	N	N	Y	N
SULFUR DIOXIDE	7446-09-5	Y	Y	N	N	Y
SULFUR TRIOXIDE	7446-11-9	Y	Y	N	Y	N
SULFURIC ACID	7664-93-9	Y	Y	N	Y	N
TERATHANE	25190-06-1	Y	N	N	N	N
TEREPHTHALIC ACID	100-21-0	Y	Y	N	N	N
TEREPHTHALOYL CHLORIDE	100-20-9	Y	Y	N	Y	N
TETRACHLOROETHYLENE	127-18-4	Y	Y	N	Y	N
TETRAETHYL LEAD	78-00-2	Y	Y	Y	Y	N

CHEMICAL/PRODUCT NAME	CAS/DuPONT #	ACUTE HEALTH	CHRONIC HEALTH	FIRE HAZARD	REACTIVITY	PRESSURE
TETRAHYDROFURAN	109-99-9	Y	N	Y	Y	N
1,2,3,4-TETRAHYDRONAPHTHALENE (TETRALIN)	119-64-2	Y	N	Y	Y	N
TETRALIN SOLVENT	119-64-2	Y	N	Y	Y	N
TETRAPOTASSIUM PYROPHOSPHATE	7320-34-5	N	N	N	N	N
TRIETHANOLAMINE	102-71-6	Y	Y	Y	Y	N
TITANIUM DIOXIDE	13463-67-7	N	N	N	N	N
TITANIUM TETRACHLORIDE	7550-45-0	Y	Y	N	Y	N
TOLUENE	108-88-3	Y	Y	Y	N	N
m-TOLUIDINE (MT)	108-44-1	Y	Y	Y	Y	N
o-TOLUIDINE	95-53-4	Y	Y	Y	Y	N
p-TOLUIDINE	106-49-0	Y	Y	Y	Y	N
TOLUIDINES MIXED	26915-12-8	Y	Y	Y	Y	N
TRIETHYLENE GLYCOL	112-27-6	N	N	N	Y	N
TRIISOPROPYLBORATE	5419-55-6	Y	Y	Y	Y	N
TRIPHENYLBORON	960-71-4	Y	N	N	Y	N
TRIPHENYLBORON/SODIUM HYDROXIDE ADDUCT SOLUTION	12113-07-4	Y	N	N	Y	N
UREA	57-13-6	N	N	N	N	N
VANADIUM PENTOXIDE	1314-62-1	Y	Y	N	N	N
VAZO 33	15545-97-8	Y	N	Y	Y	Y
VAZO 52	4419-11-8	Y	N	Y	Y	Y
VAZO 64	78-67-2	Y	N	Y	Y	Y
VAZO 67	13472-08-7	Y	N	Y	Y	Y
VAZO 88	2094-98-6	Y	N	Y	Y	Y
VINYL ACETATE	108-05-4	Y	Y	Y	Y	N

CHEMICAL/PRODUCT NAME	CAS/DuPONT #	ACUTE HEALTH	CHRONIC HEALTH	FIRE HAZARD	REACTIVITY	PRESSURE
VINYLCYCLOHEXENE	100-40-3	Y	Y	Y	Y	N
VINYL FLUORIDE	72-02-5	N	N	N	Y	N
VINYLIDENE FLUORIDE	75-38-7	N	N	Y	Y	Y
VOLAN, VONAL L BONDING AGENTS	8-32-6	Y	N	Y	Y	N
VYLOC S BINDER AND STIPPLE		Y	N	N	N	N
VYLOC S CATALYST POWDER		N	Y	N	N	N
WASTE WATER SLUDGE		N	N	N	N	N
2,4-XYLIDINE	95-68-1	Y	Y	Y	Y	N
2,6-XYLIDINE	87-62-7	Y	Y	N	Y	N
XYLIDINES (INCLUDES <1.0% 2,6-XYLIDINE)	1300-73-8	Y	Y	N	Y	N
ZALCON GALVANIZING FLUX - ALL GRADES		Y	Y	N	Y	N
ZINC CHLORIDE	7646-85-7	Y	Y	N	Y	N
ZIRCLEAN	14940-68-2	N	Y	N	N	N
ZIRCORE		N	Y	N	N	N

IM-1

E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED
PARLIN, NEW JERSEY 08859

IMAGING SYSTEMS DEPARTMENT

BCC: B. K. SAYDLOWSKI - IMG, WILM.
W. J. TOUHEY - FP, WILM.
P. J. BRZEZNIAK
R. S. GOLDNER
E. L. BRENNAN
O. FERNANDEZ

February 26, 1988

N.J. Department of Environmental Protection
Division of Hazardous Waste Management
Bureau of Hazardous Waste Engineering
401 East State Street - CN-028
Trenton, NJ 08625

Gentlemen:

Attached are two Hazardous Waste Facility Annual Reports for the operations located on the Parlin site. There are two separate reports, one for NJD000820159 and one for NJD002444024.

Very truly yours,

John R. Marshall
Environmental Associate

JRM:jak
attachments
cc: Hazardous Waste Facilities Siting Commission
CN-406
Trenton, NJ 08625

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
TSDF ANNUAL REPORT FORM I
1987

PLEASE READ THE FOLLOWING INFORMATION AND ENSURE THAT IT IS CORRECT
IF ADDITIONS OR CORRECTIONS ARE REQUIRED, ENTER CORRECT
INFORMATION IN THE ADJACENT BLANK SPACES.

COMPANY INFORMATION		CORRECTIONS/ADDITIONS
EPA ID:	NJD002444024	
COMPANY NAME:	DUPONT E.I DE NEMOURS & CO.	
CONTACT NAME:	JOHN MARSHALL	
PHONE NUMBER:	210-257-4600	
EMERGENCY PHONE:		
--SITE LOCATION INFORMATION--		
SITE STREET:	CHEESEQUAKE ROAD	
SITE CITY:	PARLIN	
SITE COUNTY:	MIDD	
SITE STATE:	NJ	
SITE ZIP CODE:	08857	
--MAILING ADDRESS INFORMATION--		
MAIL STREET:	CHEESEQUAKE ROAD	
MAIL CITY:	PARLIN	
MAIL STATE:	NJ	
MAIL ZIP CODE:	08859	
--ADDITIONAL INFORMATION--		
LATITUDE:	402701	
LONGITUDE:	741930	
PRIMARY SIC CODE:	3861	
*CLOSURE COST:	$202000	
*POST-CLOSURE COST (WHERE APPLICABLE):	NA	

****

SUM TOTAL (BY UNITS):

TOTAL AMOUNT HANDLED ON-SITE IN 1987
_____G, 576000P, _____T, _____KG, _____CY

TOTAL AMOUNT IN STORAGE AT END OF YEAR
_____G, 146000P, _____T, _____KG, _____CY

TOTAL AMOUNT MANIFESTED OFF-SITE IN 1987
_____G, 430000P, _____T, _____KG, _____CY

* THESE ARE NOT FIXED COSTS AND MUST BE UPDATED ANNUALLY

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NOTE: *This form is not a substitute for the Generator's Annual Report required in N.J.A.C. F:26 - 7.4 (g)*

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM 1
GENERATOR REPORT STATEMENT

EPA ID NUMBER		
NJD002444024	E I DU PONT DE NEMOURS & CO INC	87

	GENERATOR EPA ID NUMBER	WASTE TYPE				
1	NJD002444024	F005				
	QUANTITY: 37380	UNITS: P	NOTE: Y	S01	HANDLING METHOD	
	DESCRIPTION OF WASTE: RQ WASTE FLAMMABLE LIQUID POISON					
2	NJD002444024	F005				
	QUANTITY: 3284	UNITS: G	NOTE: Y	S01	HANDLING METHOD	
	DESCRIPTION OF WASTE: RQ WASTE FLAMMABLE LIQUID POISON					
3	NJD002444024	U009				
	QUANTITY: 2	UNITS: Y	NOTE: Y	S01	HANDLING METHOD	
	DESCRIPTION OF WASTE: WASTE FLAMMABLE LIQUID POISON NOS					
4	NJD002444024	F005				
	QUANTITY: 1200	UNITS: P	NOTE: Y	S01	HANDLING METHOD	
	DESCRIPTION OF WASTE:					
5	NJD002444024	F005				
	QUANTITY: 3440	UNITS: G	NOTE: Y	S01	HANDLING METHOD	
	DESCRIPTION OF WASTE: WASTE FLAMMABLE LIQUID NOS					

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NOTE: This form is not a substitute for the Generator's Annual Report required in N. J. A. C. 7:26 - 7.1 (g)

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD002444402 4

FACILITY NAME: E I DU PONT DE NEMOURS & CO INC

REPORT YEAR: 1987

	GENERATOR EPA ID NUMBER	WASTE TYPE				
1	NJD002444402 4	D001				
	QUANTITY: 7.	UNITS: Y	FORM: Y	S01		
	DESCRIPTION OF WASTE: WASTE FLAMMABLE LIQUID NOS					
2	NJD002444402 4	D001	U057			
	QUANTITY: 415.	UNITS: G	FORM: Y	S01		
	DESCRIPTION OF WASTE: RQ WASTE FLAMMABLE LIQUID NOS					
3	NJD002444402 4	D003	F002	F003		
	QUANTITY: 75180.	UNITS: P	FORM: Y	S01		
	DESCRIPTION OF WASTE: RQ WASTE COMBUSTIBLE LIQUID NOS					
4	NJD002444402 4	D001				
	QUANTITY: 160.	UNITS: G	FORM: Y	S01		
	DESCRIPTION OF WASTE: RQ WASTE COMBUSTIBLE LIQUID NOS					
5	NJD002444402 4	D001				
	QUANTITY: 2.	UNITS: Y	FORM: Y	S01		
	DESCRIPTION OF WASTE: WASTE COMBUSTIBLE LIQUID NOS					

PAGE 3 OF 13

NOTE: This form is not a substitute for the Generator's Annual Report required in N. J. A. C. 7:26 - 7.1 (g)

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD002444024 | FACILITY NAME: E I DUPONT DE NEMOURS & CO INC

	GENERATOR EPA ID NUMBER	WASTE TYPE					
1	NJD002444024	N/A					
	QUANTITY: 495	UNITS: G	FORM: Y	S01			
	DESCRIPTION OF WASTE: WASTE COMBUSTIBLE LIQUID NOS						
2	NJD002444024	N/A					
	QUANTITY: 26380	UNITS: P	FORM: Y	S01			
	DESCRIPTION OF WASTE: WASTE FUEL OIL NO 6						
3	NJD002444024	F001	F002				
	QUANTITY: 73020	UNITS: P	FORM: Y	S01			
	DESCRIPTION OF WASTE: WASTE ORM-A NOS						
4	NJD002444024	N/A					
	QUANTITY: 450	UNITS: P	FORM: Y	S01			
	DESCRIPTION OF WASTE: HAZARDOUS WASTE SOLID NOS						
5	NJD002444024	N/A					
	QUANTITY: 55	UNITS: G	FORM: Y	S01			
	DESCRIPTION OF WASTE: HAZARDOUS WASTE SOLID NOS						

NOTE: *This form is not a substitute for the Generator's Annual Report required in N. J. A. C. 7:26 - 7.1 (g)*

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD002444024
FACILITY NAME: E I DU PONT DE NEMOURS & CO INC
REPORT YEAR: 1987

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	FORM	HAZARDOUS WASTE NUMBER
1	NJD002444024	D007	2.	Y	Y	S01
	DESCRIPTION OF WASTE: HAZARDOUS WASTE SOLID NOS					
2	NJD002444024	D008	3800.	P	Y	S01
	DESCRIPTION OF WASTE: HAZARDOUS WASTE LIQUID NOS					
3	NJD002444024	F005 D008 X726	1100.	G	Y	S01
	DESCRIPTION OF WASTE: HAZARDOUS WASTE LIQUID NOS					
4	NJD002444024	U162 U210 U078 F005	875.	G	Y	S01
	DESCRIPTION OF WASTE: RQ HAZARDOUS WASTE SOLID NOS					
5	NJD002444024	F002 X726	550.	G	Y	S01
	DESCRIPTION OF WASTE: RQ HAZARDOUS WASTE LIQUID NOS					

NOTE: This form is not a substitute for the Generator's Annual Report required in N. J. A. C. 7:26 - 7.4 (g)

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ARRIVAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD002444024
FACILITY NAME: E I DU PONT DE NEMOURS & CO INC
PAGE: 87

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	Units	Cont.		DESCRIPTION OF WASTE
1	NJD002444024	N/A	14400	P	Y	S01	RQL WASTE HAZARDOUS SUBSTANCE SOLID
2	NJD002444024	N/A	14760	P	Y	S01	RQL WASTE HAZARDOUS SUBSTANCE LIQ.
3	NJD002444024	D007	110	G	Y	S01	RQL WASTE ORM-A NOS
4	NJD002444024	U209 U147	2	Y	Y	S01	WASTE ORM-A NOS
5	NJD002444024	D001	275	G	Y	S01	WASTE VINYLINDENE CHLORIDE INHIBIT.

NOTE: *This form is not a substitute for the Generator's Annual Report required in N. J. A. C. 7:26 - 7.1 (g)*

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD002444024
FACILITY NAME: E I DU PONT DE NEMOURS & CO INC
PAGE: 87

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	FORM		
1	NJD002444024	D001	55.	G	Y	S01	
	DESCRIPTION OF WASTE: WASTE METHYL ACRYLATE INHIBITED						
2	NJD002444024	D001	110.	G	Y	S01	
	DESCRIPTION OF WASTE: WASTE METHYL METHACRYLATE MONOMER						
3	NJD002444024	U154	25.	G	Y	S01	
	DESCRIPTION OF WASTE: WASTE METHYL ETHYL KETONE						
4	NJD002444024	D001	140.	G	Y	S01	
	DESCRIPTION OF WASTE: RQ WASTE HEXAN						
5	NJD002444024	D002	2050.	G	Y	S01	
	DESCRIPTION OF WASTE: WASTE CORROSIVE LIQUID POISON NOS						

NOTE: This form is not a substitute for the Generator's Annual Report required in N. J. A. C. 7:26 - 7.1 (g)

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: NJD002444024
FACILITY NAME: E I DU PONT DE NEMOURS & CO INC
REPORT YEAR: 1987

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	FORM	SOURCE CODE	HAZARDOUS WASTE NUMBER
1	NJD002444024	D008	500.	P	Y	S01	
	DESCRIPTION OF WASTE: WASTE POISON B SOLID NOS						
2	NJD002444024	D008	40.	G	Y	S01	
	DESCRIPTION OF WASTE: RQ WASTE ETHYLENE GLYCOL						
3	NJD002444024	U080	65.	G	Y	S01	
	DESCRIPTION OF WASTE: RQ WASTE DICHLOROMETHANE						
4	NJD002444024	D003	2.	Y	Y	S01	
	DESCRIPTION OF WASTE: WASTE LITHIUM METAL						
5	NJD002444024	D001	1.	Y	Y	S01	
	DESCRIPTION OF WASTE: WASTE FLAMMABLE SOLID NOS						

NOTE: This form is not a substitute for The Generator's Annual Report required in N. J. A. C. 7:26 - 7.1 (g)

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER	FACILITY NAME	REPORT YEAR
NJD002444402 4	E I DUPONT DE NEMOURS & CO INC	87

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	FORM	DISPOSAL METHOD
1	NJD002444402 4	D001	1.	Y	Y	S01
	DESCRIPTION OF WASTE: WASTE OXIDIZER NOS					
2	NJD002444402 4	D002	2.	Y	Y	S01
	DESCRIPTION OF WASTE: WASTE CORROSIVE LIQUID NOS					
3	NJD002444402 4	D002	1.	Y	Y	S01
	DESCRIPTION OF WASTE: WASTE CORROSIVE SOLID NOS					
4	NJD002444402 4	U012	2.	Y	Y	S01
	DESCRIPTION OF WASTE: WASTE POISON B LIQUID NOS					
5	NJD002444402 4	U188	2.	Y	Y	S01
	DESCRIPTION OF WASTE: WASTE POISON B SOLID NOS					

NOTE: *This form is not a substitute for the Generator's Annual Report required in N. J. A. C. 7:26 - 7.1 (g)*

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER: N J D 0 0 2 4 4 4 0 2 4
FACILITY NAME: E I D U P O N T D E N E M O U R S & C O I N C
YEAR: 1987

	GENERATOR EPA ID NUMBER	WASTE TYPE	QUANTITY	UNITS	CODE	HAZARDOUS INDICATOR
1	N J D 0 0 2 4 4 4 0 2 4	N/A	6 7 9 5 .	G	Y	S 0 1
	DESCRIPTION OF WASTE: N O N H A Z A R D O U S N O N R E G U L A T E D M A T E R I A L					
2	N J D 0 0 2 4 4 4 0 2 4	N/A	2 1 7 6 0 .	P	Y	S 0 1
	DESCRIPTION OF WASTE: N O N H A Z A R D O U S N O N R E G U L A T E D M A T E R I A L					
3	N J D 0 0 2 4 4 4 0 2 4	N/A	1 .	Y	Y	S 0 1
	DESCRIPTION OF WASTE: N O N R E G U L A T E D M A T E R I A L					
4						
	DESCRIPTION OF WASTE:					
5						
	DESCRIPTION OF WASTE:					

EPA ID NUMBER: NJD002440240 | E I DU PONT DE NEMOURS & CO INC | REPORT ID: 87

REJECTED MANIFESTS (IF NONE, SO STATE) ▶ N/A - Not a Commercial Facility

NO	MANIFEST NUMBER	WASTE TYPE
1	REASON REJECTED	
2	REASON REJECTED	
3	REASON REJECTED	
4	REASON REJECTED	
5	REASON REJECTED	
6	REASON REJECTED	
7	REASON REJECTED	

NOTE: *This form is not a substitute for the Generator's Annual Report required in N.J.A.C. F:26 - F.4 (g)*

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III - SUPPLEMENT
GENERATOR LISTING

1871

EPA ID NUMBER	FACILITY NAME	REPORT
NJD002444024	E I DU PONT DE NEMOURS & CO INC	1987

	GENERATOR EPA ID NUMBER	GENERATOR NAME	MANIFESTS RECEIVED
1	NJD002444024	E I DU PONT DE NEMOURS & COINC	N/A
	GENERATOR STREET ADDRESS	CHEESEQUAKE ROAD	GENERATOR
	GENERATOR CITY / STATE / ZIP CODE	PARLIN NJ 08859	ONLY
2			
	GENERATOR STREET ADDRESS		
	GENERATOR CITY / STATE / ZIP CODE		
3			
	GENERATOR STREET ADDRESS		
	GENERATOR CITY / STATE / ZIP CODE		
4			
	GENERATOR STREET ADDRESS		
	GENERATOR CITY / STATE / ZIP CODE		
5			
	GENERATOR STREET ADDRESS		
	GENERATOR CITY / STATE / ZIP CODE		
6			
	GENERATOR STREET ADDRESS		
	GENERATOR CITY / STATE / ZIP CODE		
7			
	GENERATOR STREET ADDRESS		
	GENERATOR CITY / STATE / ZIP CODE		
8			
	GENERATOR STREET ADDRESS		
	GENERATOR CITY / STATE / ZIP CODE		

12 13

[illegible]

EPA ID NUMBER		
NJD002444024	E I DU PONT DE NEMOURS & CO INC	87

[illegible]

I certify [illegible] for obtaining [illegible] that there are significant [illegible] the possibility of fine and imprisonment.

John R. Marshall — John R. Marshall — 2/29/88

Print or type [illegible] — Signature — Date

In addition to [illegible] (where applicable)

		ATTACHED (Attached or Filing)
A	A copy of the facility's typical waste analysis form.	X
B	A copy of the facility's typical daily inspection form.	X
C	A listing of all manifest discrepancies [illegible] (only for commercial facilities).	N/A
D	A copy of the typical notice to a generator, required under N.J.A.C. [illegible] and a listing of all generators who received this notice (only for commercial facilities).	N/A
E	A report covering all incidents that required implementing the contingency plan.	None

NJD002444024

HAZARDOUS WASTE DAILY INSPECTION LOG

MONTH: AREA: SUPERVISOR:

DATE														
TIME														
SAFETY SHOWER TESTED														
FIRE EXTINGUISHER														
SPILL SUPPLIES AVAILABLE														
DRUM CONDITION/OK														
DRUM IDENTIFICATION/OK														
ACCESS BETWEEN DRUMS/OK														
DRUM DATED/OK														
NO SPILLS OR LEAKS														
INSPECTOR'S INITIALS														

REPORT ANY INFRACTION TO
YOUR SUPERVISOR

REMARKS: _____

_____

_____

_____

NOTE: Any remedial action taken should be addressed on back of form.

HAZARDOUS WASTE DAILY INSPECTION LOG - PAGE 2. NJD002444024

DATE	TIME	REMARKS	ACTION TAKEN	INSPECTOR

WASTE CHARACTERIZATION FORM (WCF) DATE _____

I. LOCATION _____ CONTRACTOR'S CODE _____
EPA I.D.# _____ DU PONT CODE _____
EPA CODE _____ STATE CODE _____

II. NAME OF WASTE _____

III. COMPOSITION

A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS ACGIH	E. EXPOSURE LIMITS OSHA
1.					
2.					
3.					
4.					
5.					

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)
Ag_____ As_____ Ba_____ Cd_____ Cl*_____ CN_____ Cr_____
Cu_____ F*_____ Hg_____ I*_____ N*_____ Ni_____ P*_____
Pb_____ S*_____ Se_____ Zn_____
Other _____

F. DOES THE WASTE CONTAIN:
Sulfides ____ Yes No ____
Cyanides ____ Yes No ____
PCB's ____ Yes No ____
Phenolics ____ Yes No ____
Insecticides, pesticides, herbicides, or rocenticides ____ Yes No ____

IV. PHY. STATE @ 25°C (CIRCLE): SOLID, LIQUID, SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER _____
- IS THERE A DUSTING HAZARD IF CONTAINERS ARE OPENED? _____
- MULTIPLE PHASES? _____ VOL% OF EACH PHASE _____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? _____ POURED? _____
- % FREE FLOWING LIQUID LAYER _____ (VOLUME %)
- PRESSURE OF CONTAINER _____ PSIG
- % SEPARATE PHASE WATER _____ ESTIMATED SPECIFIC GRAVITY _____

V. SHIPPING CONTAINERS
BULK _____ MC Code _____

DRUMS	SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
OTHER					

VI. PROPERTIES
FLASH POINT _____ °F (Closed Cup) Btu/lb. _____ CORROSIVE OSHA CARCINOGEN
COLOR _____ pH _____ ODOR (YES/NO) _____
REACTIVE _____
TOXIC _____
PYROPHORIC _____ RADIOACTIVE _____
SHOCK SENSITIVE _____ EXPLOSIVE _____ ETIOLOGICAL _____
OTHER _____

VII. D.O.T. SHIPPING NAME _____
D.O.T. HAZARD CLASSIFICATION _____
D.O.T. PLACARD _____ D.O.T. LABEL _____ U.N. NO. _____ N. A. NO. _____

VIII. VOLUME
ANNUAL _____ THIS REQUEST _____ PER SHIPMENT _____

IX. REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS) _____

*Organically bound

PREPARED BY: _____

REV. 11/19/85
RJD/ccm/3409e(2)

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
TSDF ANNUAL REPORT FORM I
1987

PLEASE READ THE FOLLOWING INFORMATION AND ENSURE THAT IT IS CORRECT
IF ADDITIONS OR CORRECTIONS ARE REQUIRED, ENTER CORRECT
INFORMATION IN THE ADJACENT BLANK SPACES.

COMPANY INFORMATION		CORRECTIONS/ADDITIONS
EPA ID:	NJD000820159	
COMPANY NAME:	EI DUPONT	
CONTACT NAME:	JOHN R MARSHALL	
PHONE NUMBER:	201-257-4600	
EMERGENCY PHONE:		
--SITE LOCATION INFORMATION--		
SITE STREET:	WASHINGTON RD	
SITE CITY:	PARLIN	
SITE COUNTY:	MIDD	
SITE STATE:	NJ	
SITE ZIP CODE:	08859	
--MAILING ADDRESS INFORMATION--		
MAIL STREET:	CHEESEQUAKE ROAD	
MAIL CITY:	PARLIN	
MAIL STATE:	NJ	
MAIL ZIP CODE:	08859	
--ADDITIONAL INFORMATION--		
LATITUDE:		0
LONGITUDE:		0
PRIMARY SIC CODE:	#2851	
*CLOSURE COST:	#40,000	
*POST-CLOSURE COST (WHERE APPLICABLE):	NA	

SUM TOTAL (BY UNITS):

TOTAL AMOUNT HANDLED ON-SITE IN 1987
_____G, 2526000 P, _____T, _____KG, _____CY

TOTAL AMOUNT IN STORAGE AT END OF YEAR
_____G, 80000 P, _____T, _____KG, _____CY

TOTAL AMOUNT MANIFESTED OFF-SITE IN 1987
_____G, 2446000 P, _____T, _____KG, _____CY

* THESE ARE NOT FIXED COSTS AND MUST BE UPDATED ANNUALLY

1870

NOTE: This form is not a substitute for the Generator's Annual Report required in N.J.A.C. 7:26 - 3.4 (g)

DIVISION OF WASTE MANAGEMENT

NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III

GENERATOR REPORT STATEMENT

EPA ID NUMBER: N J D 0 0 0 8 2 0 1 5 9 | GENERATOR NAME: E I DU PONT DE NEMOURS & CO INC | REPORT YEAR: 1987

GENERATOR EPA ID NUMBER	WASTE CODE	QUANTITY	UNITS	TECH	DISPOSAL METHOD	HANDLING METHOD	DESCRIPTION OF WASTE
N J D 0 0 0 8 2 0 1 5 9	D 0 0 1	2 7 2 1 4 .	G	Y	S 0 1		WASTE FLAMMABLE LIQUID NOS
N J D 0 0 0 8 2 0 1 5 9	D 0 0 1	4 6 1 9 3 .	P	Y	S 0 1		WASTE FLAMMABLE LIQUID NOS
N J D 0 0 0 8 2 0 1 5 9	D 0 0 1	2 1 3 4 0 .	G	Y	S 0 1		RQ WASTE FLAMMABLE LIQUID NOS
N J D 0 0 0 8 2 0 1 5 9	D 0 0 1	1 5 4 7 2 .	G	Y	S 0 1		WATER RESIN SOLUTION NOS
N J D 0 0 0 8 2 0 1 5 9	D 0 0 1 X 7 2 2 X 7 2 7	2 1 2 5 5 .	G	Y	S 0 1		WASTE COMBUSTIBLE LIQUID NOS

NOTE: This form is not a substitute for the Generator's Annual Report required in N. J. A. C. 7:26 - 12.4 (g)

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA NUMBER: NJD000820159 | GENERATOR: E I DU PONT DE NEMOURS & CO INC | REPORT YEAR: 1987

GENERATOR EPA ID NUMBER: NJD000820159 | WASTE TYPE: D001

QUANTITY: 121543. | UNITS: P | FORM: Y | HAZARDOUS METHOD: S01
DESCRIPTION OF WASTE: WASTE COMBUSTIBLE LIQUID NOS

NJD000820159 | D001
QUANTITY: 10320. | UNITS: P | FORM: Y | HAZARDOUS METHOD: S01
DESCRIPTION OF WASTE: RQ COMBUSTIBLE LIQUID NOS

NJD000820159 | D001
QUANTITY: 558390. | UNITS: P | FORM: Y | HAZARDOUS METHOD: S01
DESCRIPTION OF WASTE: WASTE PAINT RELATED MATERIAL NOS

NJD000820159 | D001
QUANTITY: 30393. | UNITS: P | FORM: Y | HAZARDOUS METHOD: S01
DESCRIPTION OF WASTE: RQ WASTE PAINT RELATED MATERIAL NOS

NJD000820159 | D001
QUANTITY: 81000. | UNITS: P | FORM: Y | HAZARDOUS METHOD: S01
DESCRIPTION OF WASTE: WASTE PAINT NOS

NOTE: This form is not a substitute for the Generator's Annual Report required in N.J.A.C. 7:26 - E.1 (g)

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

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FACILITY EPA ID NUMBER	FACILITY NAME	REPORT YEAR
NJD000820159	E I DU PONT DE NEMOURS & CO INC	1987

GENERATOR EPA ID NUMBER	WASTE CODE
NJD000820159	D001

QUANTITY: 121000 | UNITS: P | FORM: Y | HANDLING METHOD: S01

DESCRIPTION OF WASTE: RQ WASTE PAINT NOS

GENERATOR EPA ID NUMBER	WASTE CODE
NJD000820159	D001

QUANTITY: 22850 | UNITS: P | FORM: Y | HANDLING METHOD: S01

DESCRIPTION OF WASTE: WASTE FLAMMABLE SOLID NOS

GENERATOR EPA ID NUMBER	WASTE CODE
NJD000820159	D001

QUANTITY: 98160 | UNITS: P | FORM: Y | HANDLING METHOD: S01

DESCRIPTION OF WASTE: RQ WASTE FLAMMABLE SOLID NOS

GENERATOR EPA ID NUMBER	WASTE CODE
NJD000820159	D001

QUANTITY: 1320 | UNITS: G | FORM: Y | HANDLING METHOD: S01

DESCRIPTION OF WASTE: WASTE ETHYLENE GLYCOL

GENERATOR EPA ID NUMBER	WASTE CODE
NJD000820159	F002

QUANTITY: 79650 | UNITS: P | FORM: Y | HANDLING METHOD: S01

DESCRIPTION OF WASTE: WASTE METHYLENE CHLORIDE SOLUTION

1870

NOTE: This form is not a substitute for the Generator's Annual Report required in N. J. A. C. F:26 - F.4 (g)

NEW JERSEY DEPARTMENT ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
NEW JERSEY HAZARDOUS WASTE FACILITY ANNUAL REPORT FORM III
GENERATOR REPORT STATEMENT

EPA ID NUMBER	FACILITY NAME	REPORT YEAR
NJD000820159	EI DU PONT DE NEMOURS & CO INC	1987

GENERATOR EPA ID NUMBER	WASTE CODE
NJD000820159	N/A

QUANTITY	UNITS	MOS	HANDLING METHOD
9000.	P	Y	S01

DESCRIPTION OF WASTE
NON REGULATED NON HAZARDOUS

QUANTITY	UNITS	MOS	HANDLING METHOD

DESCRIPTION OF WASTE

QUANTITY	UNITS	MOS	HANDLING METHOD

DESCRIPTION OF WASTE

QUANTITY	UNITS	MOS	HANDLING METHOD

DESCRIPTION OF WASTE

QUANTITY	UNITS	MOS	HANDLING METHOD

DESCRIPTION OF WASTE

GENERATION LISTING

	GENERATOR EPA ID NUMBER	GENERATOR NAME	MANIFESTS RECEIVED
1	NJD000820159	EI DU PONT DE NEMOURS & CO INC	NONE
	GENERATOR STREET ADDRESS	CHEESEQUAKE ROAD	NOT TREATMENT
	GENERATOR CITY / STATE / ZIP CODE	PARLIN NJ 08859	FACILITY
2	GENERATOR STREET ADDRESS		
	GENERATOR CITY / STATE / ZIP CODE		
3	GENERATOR STREET ADDRESS		
	GENERATOR CITY / STATE / ZIP CODE		
4	GENERATOR STREET ADDRESS		
	GENERATOR CITY / STATE / ZIP CODE		
5	GENERATOR STREET ADDRESS		
	GENERATOR CITY / STATE / ZIP CODE		
6	GENERATOR STREET ADDRESS		
	GENERATOR CITY / STATE / ZIP CODE		
7	GENERATOR STREET ADDRESS		
	GENERATOR CITY / STATE / ZIP CODE		
8	GENERATOR STREET ADDRESS		
	GENERATOR CITY / STATE / ZIP CODE		

NJD008201599 E I DU PONT DE NEMOURS & CO INC 87

N/A Not a Commercial Facility

	MANIFEST NUMBER	WASTE CODE
1	[redacted]	
	REASON REJECTED	
2	[redacted]	
	REASON REJECTED	
3	[redacted]	
	REASON REJECTED	
4	[redacted]	
	REASON REJECTED	
5	[redacted]	
	REASON REJECTED	
6	[redacted]	
	REASON REJECTED	
7	[redacted]	
	REASON REJECTED	

[illegible]

NJD000820159	E I DU PONT DE NEMOURS & CO INC	87

CERTIFICATION [illegible]

[illegible]

John R. Marshall — John R. Marshall — 2/29/88

[illegible]

In addition to [illegible] (where applicable)

		ATTACHED (PLEASE CHECK)
A	A copy of the facility's typical waste analysis form	X
B	A copy of the facility's typical daily inspection form	X
C	A listing of all manifest discrepancies and an explanation of each discrepancy (only for commercial facilities)	N/A
D	A copy of the typical notice to a generator required under N.J.A.C. 7:26-9 [illegible] and a listing of all generators who received this notice (only for commercial facilities)	N/A
E	A report covering all incidents that required implementing the contingency plan	N/A

TO:) IN
M. O. FILES) TURN

DAILY AUDIT OF HAZARDOUS WASTE STORAGE PADS

P. & P. AREA

CHECK FOR	2021	HOSPITAL (PADS)	1927
WASTE STORED IN APPROVED CONTAINERS			
CONTAINERS ARE IN GOOD CONDITION			
CONTAINERS DATED			
CONTAINERS PROPERLY IDENTIFIED			
EXCEPTIONS REPORTED TO SUPERVISION			

ANY EXCEPTIONS: _____

AUDIT OF HAZARDOUS WASTE TANKS

CHECK FOR	438	10	11	625
TANKS IN GOOD CONDITION-NO LEAKS OR SPILLS				
PROPERLY IDENTIFIED				
EXCEPTIONS REPORTED TO SUPERVISION				

ANY EXCEPTIONS: _____

BY: _____

DATE: _____

WASTE CHARACTERIZATION FORM (WCF)

DATE _____

I. LOCATION _____ CONTRACTOR'S CODE _____

EPA I.D.# _____ DU PONT CODE _____

EPA CODE _____ STATE CODE _____

II. NAME OF WASTE _____

III. COMPOSITION

A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS *ACGIH	E. EXPOSURE LIMITS *OSHA
1.					
2.					
3.					
4.					
5.					

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag_____ As_____ Ba_____ Cd_____ Cl*_____ CN_____ Cr_____

Cu_____ F*_____ Hg_____ I*_____ Mn*_____ Ni_____ P*_____

Pb_____ S*_____ Se_____ Zn_____

Other: _____

F. DOES THE WASTE CONTAIN:

Sulfides _____ Yes No _____

Cyanides _____ Yes No _____

PCB's _____ Yes No _____

Phenolics _____ Yes No _____

Insecticides, pesticides, herbicides, or rodenticides _____ Yes No _____

IV. PHY. STATE @ 25°C (CIRCLE): SOLID, LIQUID, SLUDGE, LIQUID/SOLID PHASES, GAS

OTHER _____

- IS THERE A DUSTING HAZARD IF CONTAINERS ARE OPENED? _____
- MULTIPLE PHASES? _____ VOL% OF EACH PHASE _____ % SOLID _____ % LIQUID
- CAN THE WASTE BE PUMPED? _____ POURED? _____
- % FREE FLOWING LIQUID LAYER _____ (VOLUME %)
- PRESSURE OF CONTAINER _____ PSIG
- % SEPARATE PHASE WATER _____ ESTIMATED SPECIFIC GRAVITY _____

V. SHIPPING CONTAINERS

BULK _____ MC Code _____

DRUMS	SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
OTHER					

VI. PROPERTIES

FLASH POINT _____ °F (Closed Cup) Btu/lb. _____ CORROSIVE OSHA CARCINOGEN

COLOR _____ pH _____ ODOR (YES/NO) _____

REACTIVE _____

TOXIC _____

PYROPHORIC _____ RADIOACTIVE _____

SHOCK SENSITIVE _____ EXPLOSIVE _____ ETIOLOGICAL _____

OTHER _____

VII. D.O.T. SHIPPING NAME _____

D.O.T. HAZARD CLASSIFICATION _____

D.O.T. PLACARD _____ D.O.T. LABEL _____ U.N. NO. _____ N. A. NO. _____

VIII. VOLUME

ANNUAL _____ THIS REQUEST _____ PER SHIPMENT _____

IX. REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS) _____

*Organically Bound

PREPARED BY: _____

REV. 11/19/91

FF/P-P137A

STANDARD PRACTICE

#2436

PLANT: PARLIN DATE: 12/7/84

DEPT.: F&FP SUPERSEDING DATE: 11/6/80

AREA: GENERAL PLANT

SUBJECT: WASTE MANAGEMENT

DISTRIBUTION

Plant Manager) In
Standard Practice File) Turn

Technical & Engineering Area	(6)	Clerical Area	(2)
P. & P. Area	(4)	Manufacturing Area	(4)
Service Area	(2)	Power & Duhernal	(3)

INTRODUCTION

The purpose of this Standard Practice is to identify and outline the proper waste streams to be utilized in handling wastes generated at the Parlin site. While this Practice cannot be all inclusive, it will serve as a guide for the site.

Federal Law requiries that all waste be dated when generated, that waste stored over 90 days be inventoried and reported, and that a storage facility permit be issued for waste stored over 90 days.

REASON FOR REVISION

To conform with present conditions.

PREPARED BY: J. R. Marshall APPROVED BY: J. R. Marshall

J. R. Marshall

Date

PERIODIC REVIEW: (To be reviewed annually on anniversary date.)

BY: _____ _____ BY: _____ _____

Date Date

_____ _____ _____ _____

_____ _____ _____ _____

OUTLINE

I. Safety
II. Plant Waste Streams
III. Waste Characterization Forms
IV. Waste Stream Description
V. Waste Stream Outlets
VI. Methods of Disposal
VII. N. J. Manifest Requirements
VIII. Waste Storage and Control
IX. Responsibilities
X. Appendix

I. SAFETY

In general, the materials which are handled as waste present similar hazards as the raw materials, supplies and products used in manufacturing operations and protective measures for safety are similar. The following are reminders of areas where special emphasis should be placed on safety:

1. Proper labelling of waste is very important so that safety precautions can be identified and observed.

2. Proper containers and labels must be used since much of the waste generated on the Plant is shipped to other locations for disposal.

3. Never mix incompatible materials which may react with each other.

4. Waste characterization and manifest forms must be completed correctly to protect those who dispose of our waste.

5. Refer all safety concerns to Supervision for answers.

II. Plant Waste Streams

	Generator & Est. Amounts (Gal./Yr.)			
	MFG.	P. & P.	Other	All
1. Teflon and paint contaminated materials, cups, common sense strainers, filters, brushes, towels, gloves, one-time suits, paper, absorbent material, mops, etc.	-	-	-	(1)
2. Pigment dust (mixed) from collectors, floor sweepings, vacuum cleaners, etc. (less than 15 Lbs.)	(1)	-	(1) Tech.	-
3. Dry ingredient dust (mixed) from collectors, vacuum cleaner, sweepings, etc. (less than 15 Lbs.)	(1)	(1)	-	-
4. Resin contaminated material- cups, filter, towels, gloves, clothes, paper, absorbent materials, mops etc.	(1)	(1)	-	-

		MFG.	P. & P.	Other	All
5.	Acrylonitrile drums (MT)	-	160*	-	-
6.	Unreacted Monomers	-	20000	-	-
7.	Drums to be reconditioned	*8000	*10000	-	-
8.	Gelled resins, "popcorn" polymers	500	14000	-	-
9.	Rubble from demolition and const. brick, concrete, wood, metal, etc.	-	-	PED(2)	-
10.	Teflon and Paint sludge-off-standard, contaminated, obsolete, spills, etc.	8000	-	-	-
11.	Resin sludge (except "Riston" polyester & Urethane floor finish)	2000	28000	-	-
12.	"Riston"	-	1500	-	-
13.	Polyester Adhesive (Solid)	(1)	(1)	-	-
14.	Polyester Adhesive (Liquid)	1000	3000	-	-
15.	Recovered Ethylene Glycol	-	50000	-	-
16.	Dirty wash solvents, thinner, mixed solvents, etc.	30000 (2)	280,000 (2)	-	-
17.	Stripped solvent from L.D.R.	-	200,000 (2)	-	-
18.	Still bottom from Solvent Recovery operation	-	50000	-	-
19.	Broken pallets	(2)	(2)	-	-
20.	Asbestos	-	-	PED(2)	-
21.	Pigment bags (other than No. 1) raw material bags, kits, cartons, plastic covers, paper, cardboard, etc.	-	-	-	-
22.	Garbage-cafeteria, offices, hospital	-	-	-	-
23.	Wood - shops & other - (small amounts & dust)	-	-	-	-
24.	Glass - panels, jars, light bulbs, tubes, etc.	-	-	-	-
25.	Scrap metal - construction, shops, plant, drums, etc.	-	-	-	(2)

		MFG.	P. & P.	Other	All
26.	Sand and dirt - contaminated	1000	1000	-	-
27.	Miscellaneous - gaskets, belts, etc. (leather, rubber composition, etc.)	-	-	-	(1)
28.	Used oil and grease	-	-	-	500
29.	Miscellaneous raw materials - obsolete, contaminated, etc.	1000	1000	-	-
30.	Urethane floor resin and products	1000	1000	-	-
31.	Spent "Dowtherm"	-	2000	-	-

*Total number units per year.

(1) Sent to sanitary landfill in dumpster.
(2) Special Plant procedure established.

III. Waste Characterization Forms

A Waste Characterization Form is required for all waste being shipped off site for disposal. The procedure to be followed is listed.

1. Obtain blank forms from Main Office (Appendix - Exhibit I.)
2. Generating area submits completed Waste Characterization Form to Waste Co-ordinator for review and approval.
3. Purchasing processes completed form through E. & M. Department and establishes a disposal outlet.
4. Production Planning prepares shipping and manifest papers.
5. Generating area prepares and ships waste.

IV. Waste Stream Description

A. Solid Waste - Material must not flow.

1. Mops - Contaminated with solvent, water, paint or resin.
2. Sludge - Cuno filter drainings, resin, paint, obsolete stock, clean-up, partially gelled material, tank sediment contaminated materials, etc.
3. Trash - Paper, bags, wood, clothing, protective equipment, gloves.
4. Demolition Rubble - Bricks, concrete, wood, dirt.
5. Bags - Empty resin, pigment, raw materials, etc.
6. Small containers - Pints, quarts, ones, fives.

7. Cunos - Contaminated with solvent, paint or resin.

8. Resin, Paint, Polyester - Off-standard, solid, gelled material.

9. Special waste.

B. Liquid Waste

1. Teflon and Paint - Line drainings, obsolete stock, off-standard, contaminated materials.

2. Solvent - Raw materials, mixtures, off-standard thinners, line drainings, etc.

3. Wash - Mixer washes, cleaning washes, portable tank washes, etc.

4. Resin - Line drainings, obsolete stock, off-standard, contaminated materials, etc.

5. Ethylene Glycol - Contaminated, recovered, etc.

6. Paint Sludge - Spill clean-up, sediment, partially gelled materials, mixtures, etc.

7. Special Waste

V. Waste Stream Outlets

A. Off-Site

1. Solvent Recovery

2. Landfill

3. Incinerator

4. Recycle

B. Site

1. Solvent Recovery

2. Burn as fuel

VI. Methods of Disposal

A. Solid Waste

1. Solid waste from Teflon and Paint manufacture, i.e., gelled resin, cuno residue, dried paint, dried dispersion, filters.....

a) Submit waste characterization form to site coordinator.

b) Consolidate material in 55 gallon drums for shipments.

o Drums must be full.

- o Material in durms must not flow.
- o Drums must be in good condition for shipment and meet DOT requirements.
- o Stencil drums W/Hauler's Permit #
  Hazardous Waste Label
  (L-30 or L-31)

c) Contact Plant Traffic to arrange for shipping.

d) Ship drums - Check each drum - RHYTHM.

2. Dirty Mop Heads

a) Mops must be rinsed out in water, wrung out and dried so that they are free of solvent vapors. Dirty waters can be disposed of in BOD sewer. Note: To be done in approved area.

b) Place in dumpsters.

3. Sludge from Teflon and Paint Manufacture - i.e., viscous paint,resins.

a) Place in openhead drums.

b) Add absorbent where needed so that material in drums will not flow.

c) Follow steps in III, A.I

4. Trash

a) Place in dumpster - no liquids.

5. Demolition Rubble

a) Notify P.E.D.

b) Small quantities send out in dumpster.

c) Have contractor remove from site.

6. Bags

a) Place empty clean bags in dumpster.

7. Small Containers 5's, 1's, 1/4's 1/8's

a) On site disposal

- o Empty containers of all liquids and drain
- o Place empty cans in dumpsters.

b) Off-site disposal

- o Submit Waste Characterization Forms to site coordinator.
- o Contact Plant Traffic to arrange for shipping - bulk (pallets) shipments only.

8. Cunos

a) Off-site recovery

- o Bulk shipments only (T/W's)
- o Contact Plant Traffic to arrange for shipment.

b) On-site recovery

- o Pump to dirty wash solvent tanks for processing.

c) Off-site incinerator

- o Submit Waste Characterization Form to site coordinator.
- o Material to be shipped in bulk T/W's.
- o Contact Plant Traffic to arrange for shipment.
- o Ship - RHYTHM

2. Ethylene Glycol

a) Submit Waste Characterization Form to site coordinator.

b) Contact Plant Traffic to arrange for shipment.

VII. Waste Manifest Requirements

The New Jersey Special Waste Manifest regulations must be followed for all waste shipped off the Plant. The manifest regulations are administered by the Production Planning Section of the Main Office. The key items of the manifest program are listed:

1. All "Special Waste" shipped off-site must be accompanied by a N.J. "Special Waste Manifest Form" - method of tracking waste to authorized people.

2. All wastes shipped off-site for disposal or recovery are classified as "Special Waste" except the garbage and trash.

3. "Special Waste" containers shipped must be properly identified and labelled (see Section VI., of the practice for this information).

4. The Special Waste Manifest Forms are supplied by the Main Office.

5. Copy "D" of the manifest must be mailed to the Solid Waste Administration by the next business day by the Main Office.

6. Copy "E" must be retained by the generator for three years. (Main Office)

7. A quarterly report must be made to the State. It is due January 20, April 20, July 20, and October 20 (see Reg. 7:26-7.4C. (Main Office)

8. A quarterly report is also required for "Special Waste" stored more than six months or disposed of at site (Reg. 7:26 - 7.4C). All areas of the Plant should keep a record and supply it to the Main Office who will file a report on a quarterly basis.

9. A copy of a manifest form is attached, (Appendix - Exhibit II).

VIII. Waste Storage and Control

A. Each Area where waste is generated has the responsibility to store the waste in shippable containers.

B. Waste must be properly identified and dated where generated.

C. Waste stored over 90 days must be reported to the Government.

D. Areas must maintain an inventory and provide reports on amounts stored. The Main Office will consolidate reports for the Plant.

IX. Responsibilities

1. All Areas

a) Each Area of the Plant is responsible for the same and environmentally correct disposal of the waste generated by the Area.

b) Submit waste reports as required to the Main Office.

c) Complete Waste Characterization Forms for waste generated by the Area.

d) Proper storage and identification of waste held in the Area.

2. Site Waste Coordinator

a) Establish and maintain an acceptable Plant waste practice which complies with Company and Government regulations.

b) Assist Areas with Waste Characterization Forms as needed.

c) Coordinate with Wilmington as required.

d) Audit Plant waste disposal practice.

3. Main Office

a) Submit Waste Characterization Form to E. & M. Department and establish disposal outlet.

b) Administer N. J. Waste Manifest program.

c) Prepare and submit waste reports required by the Plant, Company and Government agencies.

d) Provide shipping papers.

4. Plant Engineering Department

a) Dispose of scrap metal.

5. Technical Area

a) Assist areas with waste disposal outlets.

b) Assist areas prepare Waste Characterization Forms.

EXHIBIT I

WASTE CHARACTERIZATION

DATE _____
DU PONT CODE _____
CONTRACTOR'S CODE _____
EPA CODES _____
OTHER CODES _____

I. LOCATION _____
EPA I.D.# _____

II. NAME OF WASTE _____

III. COMPOSITION

A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE % UPPER	D. CONCENTRATION RANGE % LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1.					
2.					
3.					
4.					
5.					

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM) CN _____ Ag _____ As _____ Ba _____
Cd _____ Cr _____ Cu _____ Hg _____ Ni _____ Pb _____ Se _____
Zn _____ S* _____ Cl* _____ N* _____ P* _____ F* _____ I* _____
OTHER _____

IV. PHYSICAL STATE @ 25°C (CIRCLE): SOLID LIQUID SLUDGE LIQUID/SOLID PHASES GAS
OTHER _____
SOLIDS : IS THERE A DUSTING HAZARD IF CONTAINERS ARE OPENED? _____
LIQUIDS : MULTIPLE PHASES? _____ VOL% OF EACH PHASE _____
LIQUIDS & SLUDGES : CAN THE WASTE BE PUMPED? _____ POURED? _____
LIQUID/SOLID PHASES: % FREE FLOWING LIQUID LAYER _____ (VOLUME %)
GASES : PRESSURE OF CONTAINER _____ PSIG

V. CONTAINMENT (CIRCLE)
BULK _____ (MC _____)
55-GAL. STEEL DRUMS (DOT _____)
30-GAL. FIBER DRUMS (DOT _____)
5-GAL. PAILS
OTHER _____
APPROX. WT. PER CONTAINER _____ LBS.

VI. PROPERTIES (CIRCLE)
COMBUSTIBLE (FP _____ °F) (CLOSED CUP) IGNITABLE (FP _____ °F) (CLOSED CUP)
CORROSIVE OSHA CARCINOGEN
pH _____ ODOR (YES/NO) _____
Btu/LB. _____ COLOR _____
REACTIVE _____
TOXIC _____
OTHER _____

VII. D.O.T. SHIPPING NAME _____
D.O.T. HAZARD CLASSIFICATION _____
U.N. NO. _____ N.A. NO. _____

VIII. VOLUME (FOR PLANNING PURPOSES ONLY)
THIS REQUEST _____
ANNUAL _____

IX. REMARKS _____

*Organically bound only

Rev. 2/81

Form WMW-001
2/15

DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOLID WASTE ADMINISTRATION

EXHIBIT II

B

SPECIAL WASTE MANIFEST

C . 82123

SECTION I TO BE COMPLETED BY THE SPECIAL WASTE GENERATOR

Plant Identification Number ☐☐☐☐☐☐ Pick-Up Date ☐☐/☐☐/☐☐ (MO. / DAY / YR.)
Company Name _____
Pick-Up Address _____
Name of Hauler _____ Address _____
Name of Facility _____ Address _____

Handling Instructions:

Emergency Spill Phone Nos.: 609-292-3560 or 609-292-7172

	Waste Type	Number of Containers	Physical State	Hazard ID.	Total Quantity (Identify units in pounds or gallons use P for pounds and G for gallons)	Pounds or Gallons
1.	Acid Solution					
2.	Alkaline Solution					
3.	Arsenic Residues					
4.	Catalyst Residues					
5.	Cyanide Residues					
6.	Chlorinated (Dioxin, Furan) Residues					
7.	Etching, Pickling, & Plating Residue					
8.	Explosive Residue					
9.	Filter Clays, Filter Aids					
10.	Ester, Alcohol, Ether, Ketone, Glycol Residues					
11.	Heavy Metal Residue					
12.	Organic and Heavy Metal Residue Mixture					
13.	Latex Residue					
14.	Peroxide					
15.	Oil and Oil Sludges, Emulsions					
16.	Paint and Pigment Residues					
17.	Pesticides					
18.	Pharmaceutical Wastes (Drugs, etc.)					
19.	Lacramators, Amines, Mercaptans, Amide					
20.	Plasticizer, Resin, Monomer, Elastomer Residues					
21.	PCB/PBB Contaminated Materials					
22.	Solvent, Halogenated Organic					
23.	Solvent, Mixed					
24.	Still Bottoms					
25.	Radioactive Residue					
26.	Tetraethyl Lead Residues					
	Other (See Instructions)					
27.	☐☐☐☐ _____					
28.	☐☐☐☐ _____					
29.	☐☐☐☐ _____					
30.	☐☐☐☐ _____					

SECTION V TO BE COMPLETED BY THE SPECIAL WASTE FACILITY OPERATOR

Rejected Amount

I certify that the above information is correct to the best of my knowledge.
Date _____ Signature and Title _____

SECTION II TO BE COMPLETED BY THE SPECIAL WASTE HAULER

I certify that the described quantity of material (s) listed in Section I was collected by me. State ☐☐ Number ☐☐☐☐
Date _____ Signature _____ Vehicle License Plate Number

SECTION III TO BE COMPLETED BY THE SPECIAL WASTE HAULER

Name of Hauler _____ Address _____
I certify that the described quantity of material (s) listed in Section I was hauled by me to the Special Waste Facility named in Section I
Date _____ Signature _____ Vehicle License Plate Number ☐☐ ☐☐☐☐

SECTION IV TO BE COMPLETED BY THE SPECIAL WASTE FACILITY

Name of Facility _____ Address _____
Registration Number ☐☐☐ Date Waste Received ☐☐/☐☐/☐☐ ☐Accepted ☐Rejected
I certify that the hauler stated above delivered the waste described in Section I to this Facility.

Date _____ Signature and Title _____

OFFICE MANAGER

HAZARDOUS WASTE REPORT
WEEK BEGINNING
MANUFACTURING & P.&P.

Location	Bulk Liquid Waste	Drums Liquid & Solid	Gallons	Conditions
N. Bldg. 2021				
N. Hospital				
E. Bldg. 1927 (Glycol Waste) Tank 438				
Tank 10 & 11				
W. Bldg. 1826				
Tank 625				
6000 Pad				
T&C Dock				
Other Areas				

TOTAL
GALLONS =

At the time of the inventory Area storage locations were audited:

1) Waste was properly stored in approved locations.
2) Waste was stored in D.O.T. approved containers.
3) Containers and Tanks were in good condition.
4) Containers and Tanks were properly identified and dated.
5) Note exception and corrective action taken on above.

Signed: _____

Member of Area/Supervision

STANDARD PRACTICE #2436 FF/P-P-137A

PLANT: PARLIN DATE: 11/6/80

DEPT.: F. & F. SUPERSEDING DATE: NEW

AREA: GENERAL PLANT

SUBJECT: WASTE MANAGEMENT

DISTRIBUTION

Ass't. Plant Manager) In
Standard Practice File) Turn

Technical Area	(4)	Plant Engineering Dept.	(4)
Enamel-Clears Area	(4)	Service Area	(4)
P.& P. Area	(4)	Clerical Area	(4)
W.S.M. Area	(4)		

INTRODUCTION

The purpose of this Standard Practice is to identify and outline the proper waste streams to be utilized in handling wastes generated at the Parlin site. While this Practice cannot be all inclusive, it will serve as a guide for the site.

Federal Law requires that all waste be dated when generated, that waste stored over 90 days be inventoried and reported, and that a storage facility permit be issued for waste stored over 90 days.

REASON FOR REVISION

New

PREPARED BY: J. F. Acerra APPROVED BY: J. R. Marshall

11/13/80
Date

PERIODIC REVIEW: (To be reviewed annually on anniversary date.)

BY:	Date	BY:	Date

OUTLINE

I. Safety
II. Plant Waste Streams
III. Waste Characterization Forms
IV. Waste Stream Description
V. Waste Stream Outlets
VI. Methods of Disposal
VII. N.J. Manifest Requirements
VIII. Waste Storage and Control
IX. Responsibilities
X. Appendix

I. SAFETY

In general, the materials which are handled as waste present similar hazards as the raw materials, supplies and products used in manufacturing operations and protective measures for safety are similar. The following are reminders of areas where special emphasis should be placed on safety:

1. Proper labelling of waste is very important so that safety precautions can be identified and observed.

2. Proper containers and labels must be used since much of the waste generated on the plant is shipped to other locations for disposal.

3. Never mix incompatible materials which may react with each other.

4. Waste characterization and manifest forms must be completed correctly to protect those who dispose of our waste.

5. Refer all safety concerns to supervision for answers.

II. Plant Waste Streams

	Generator & Est. Amounts (Gal./Yr.)				
	E.& C.	P.& P.	WSM	Other	All
1. Lead and/or chromate pigment bags - dirty plastic and slip sheets included	(1)(2)	-	-	-	-
2. Paint contaminated materials- cups, common sense strainers filters, brushes, towels, gloves, one-time suits, paper, absorbent material, mops, etc.	-	-	-	-	(1)
3. Pigment dust (mixed) from collectors, floor sweepings, vacuum cleaners, etc. (less than 15 lbs.)	(1)	-	(1)	(1) Tech.	-
4. Dry ingredient dust (mixed)- from collectors, vacuum cleaner, sweepings, etc. (less than 15 lbs.)	(1)	(1)	(1)	-	-
5. Resin contaminated material- cups, filter, towels, gloves, clothes, paper, absorbent materials, mops, etc.	(1)	(1)	(1)	-	-
6. Benzoyl peroxide bags-empty and water wet	-	2000	-	-	-
7. Acrylonitrile drums (MT)	-	160*	-	-	-
8. Unreacted Monomers	-	20000	-	-	-
9. Drums to be reconditioned	*14,000 (2)	*15,000 (2)	*5,000 (2)	-	-
10. Gelled resins, "popcorn" polymers	1,000	14,000	-	-	-
11. Rubble from demolition and const. brick, concrete, wood, metal, etc.	-	-	-	PED(2)	-
12. Paint sludge-off-standard, contaminated, obsolete, spills, etc.	15,000	-	1,000	-	-

II. Plant Waste Streams (Cont'd.)

	Generator & Est. Amounts (Gal./yr.)				
	E.& C.	P.& P.	WSM	Other	All
13. Resin sludge(except "Riston" polyester & Urethane floor finish)	2,000	28,000	-	-	-
14. "Riston"	-	1,500	-	-	-
15. Polyester Adhesive(Solid)	(1)	(1)	-	-	-
16. Polyester Adhesive(Liquid)	1,000	3,000	-	-	-
17. Recovered Ethylene Glycol	-	50,000 (2)	-	-	-
18. Dirty wash solvents, thinner, mixed solvents, etc.	280,000 (2)	280,000 (2)	50,000 (2)	-	-
19. Stripped solvent from L.D.R.	--	200,000 (2)	-	-	-
20. Still bottom from Solvent Recovery operation	-	-	60,000	-	-
21. Broken pallets	(2)	(2)	(2)	-	-
22. Asbestos	-	-	-	PED(2)	-
23. Pigment bags (other than No.1) raw material bags, kits, cartons, plastic covers, paper, cardboard, etc.	-	-	-	-	-
24. Garbage-cafeteria, offices, hospital	-	-	-	-	-
25. Wood - shops & other -(small amounts & dust)	-	-	-	-	-
26. Glass - panels, jars, light bulbs, tubes, etc.	-	-	-	-	-
27. Scrap metal - construction, shops, plant, drums, etc.	-	-	-	-	(2)
28. Sand and dirt - contaminated	1,000	1,000	500	-	-
29. Miscellaneous-gaskets, belts, etc.(leather, rubber composition, etc.)	-	-	-	-	(10

II. Plant Waste Streams (Cont'd.)

	Generator & Est. Amounts (Gal./Yr.)				
	E.& C.	P.& P.	WSM	Other	All
30. Used oil and grease	-	-	-	-	500
31. Miscellaneous raw materials-obsolete, contaminated, etc.	2,000	1,000	500	-	-
32. Urethane floor resin and products	1,000	1,000	200	-	-
33. Spent "Dowtherm"	-	2,000	-	-	-

*Total number units per year.
(1) Sent to sanitary landfill in dumpster.
(2) Special Plant procedure established.

III. Waste Characterization Forms

A Waste Characterization Form is required for all waste being shipped off site for disposal. The procedure to be followed is listed.

1. Obtain blank forms from Main Office (Appendix - Exhibit I.)

2. Generating area submits completed Waste Characterization Form to waste coordinator for review and approval.

3. Purchasing processes completed form through E.& M. Department and establishes a disposal outlet.

4. Production Planning prepares shipping and manifest papers.

5. Generating area prepares and ships waste.

IV. Waste Stream Description

A. Solid Waste - Material must not flow.

1. Mops - Contaminated with solvent, water, paint or resin.

2. Sludge - Cuno filter drainings, resin, paint, obsolete stock, clean-up, partially gelled material, tank sediment..... contaminated materials, etc.

3. Powder Coating - Off-standard material, collector dust, vacuum dust.

4. Trash - Paper, bags, wood, clothing, protective equipment, gloves.

IV. Waste Stream Description (Cont'd.)

5. Demolition Rubble - Bricks, concrete, wood, dirt.

6. Bags - Empty resin, pigment, raw materials, etc.

7. Small containers - Pints, quarts, ones, fives.

8. Cunos - Contaminated with solvent, paint or resin.

9. Resin, Paint, Polyester - Off-standard, solid, gelled material.

10. Special waste

B. Liquid Waste

1. Paint - Line drainings, obsolete stock, off-standard, contaminated materials.

2. Solvent - Raw materials, mixtures, off-standard thinners, line drainings, etc.

3. Wash - Mixer washes, cleaning washes, portable tank washes, etc.

4. Resin - Line drainings, obsolete stock, off-standard, contaminated materials, etc.

5. Ethylene Glycol - Contaminated, recovered, etc.

6. Paint Sludge - Spill clean-up, sediment, partially gelled materials, mixtures, etc.

7. Special Waste

V. Waste Stream Outlets

A. Off-site

1. Solvent Recovery

2. Landfill

3. Incinerator

4. Recycle

B. Site

1. Solvent
2. Landfill
3. Burn as fuel

VI. Methods of Disposal

A. Solid Waste

1. Solid waste from paint manufacture, i.e., gelled resin, cuno residue, dried paint, dried dispersion, filters.....

   a. Submit waste characterization form to site coordinator.

   b. Consolidate material in 55-gallon drums for shipments.

      - o Drums must be full.
      - o Material in drums must not flow.
      - o Drums must be in good condition for shipment and meet DOT requirements.
      - o Stencil drums W/Hauler's Permit #
        Hazardous Waste Lable
        (L-30 or L-31)

   c. Contact Plant Traffic to arrange for shipping.

   d. Ship drums - check each drum - RHYTHM.

2. Dirty Mop Heads

   a. Mops must be rinsed out in water, wrung out and dried so that they are free of solvent vapors. Dirty waters can be disposed of in BOD sewer. Note: To be done in approved area.

   b. Place in dumpsters.

3. Sludge from Paint Manufacture - i.e., viscous paint, resins.

   a. Place in openhead drums.

   b. Add absorbent where needed so that material in drums will not flow.

   c. Follow steps in III, A,I

4. Powder Coating

   a. Submit Waste Characterization Form to site coordinator.

   b. Containers (cartons, kits, bags) must be in good condition for shipment.

   c. Stencil containers W/Hauler's Permit #
      Hazardous Waste Label
      (L-30 or L-31)

VI. Methods of Disposal (Cont'd.)

A. Solid Waste (Cont'd.)

d. Contact Plant Traffic to arrange for shipping.

e. Ship drums - RHYTHM

5. Trash

a. Place in dumpster - no liquids.

6. Demolition Rubble

a. Notify P.E.D.

b. P ace in site landfill.

7. Bags

a. Place empty bags in dumpster. (Special handling required chromate bags).

8. Small Containers 5's, 1's, 1/4's, 1/8's

a. On site disposal

- o Empty containers of all liquids and drain.
- o Place empty cans in dumpsters.

b. Off-site disposal

- o Submit Waste Characterization Forms to site coordinator.
- o Contact Plant Traffic to arrange for shipping - bulk (pallets) shipments only.

9. Cunos

a. Drain cunos so that they are free of solvent vapors.

b. Place dry cunos in dumpsters.

B. Liquid Waste

1. Liquid Waste from Paint Manufacture, i.e., wash, resin, paint, solvent.

a. Off-site recovery

- o Bulk shipments only (T/W's)
- o Contact Plant Traffic to arrange for shipment.

VI. Methods of Disposal (Cont'd.)

B. Liquid Waste (Cont'd.)

b. On-site recovery

o Pump to dirty wash solvent tanks for processing.

c. Off-site incinerator

o Submit Waste Characterization Form to site coordinator.
o Material to be shipped in bulk T/W's.
o Contact Plant Traffic to arrange for shipment.
o Ship - RHYTHM

2. Ethylene Glycol

a. Submit Waste Characterization Form to site coordinator.

b. Contact Plant Traffic to arrange for shipment.

c. Ship - RHYTHM

3. Polyester & Riston

a. Complete Waste Characterization Form - Submit to site coordinator.

b. Contact Plant Traffic to arrange for shipment.

4. Benzoyl Peroxide Bags

a. To be determined.

VII. Waste Manifest Requirements

The New Jersey Special Waste Manifest regulations must be followed for all waste shipped off the plant. The manifest regulations are administered by the Production Planning Section of the Main Office. The key items of the manifest program are listed:

1. All "Special Waste" shipped off-site must be accompanied by a N.J. "Special Waste Manifest Form" - method of tracking waste to authorized people.
2. All wastes shipped off-site for disposal or recovery are classified as "Special Waste" except the garbage and trash.
3. "Special Waste" containers shipped must be properly identified and labelled (see Section VI, of the practice for this information).

VII. Waste Manifest Requirements (Cont'd.)

4. The Special Waste Manifest Forms are supplied by the Main Office.

5. Copy "D" of the manifest must be mailed to the Solid Waste Administration by the next business day by the Main Office.

6. Copy "E" must be retained by the generator for three years. (Main Office)

7. A quarterly report must be made to the State. It is due January 20, April 20, July 20, and October 20 (see Reg.7:26-7.4C). (Main Office)

8. A quarterly report is also required for "Special Waste" stored more than six months or disposed of at site (Reg.7:26 - 7.4C). All areas of the plant should keep a record and supply it to the Main Office who will file a report on a quarterly basis.

9. A copy of a manifest form is attached (Appendix - Exhibit II).

VIII. Waste Storage and Control

A. Each Area where waste is generated has the responsibility to store the waste in shippable containers.

B. Waste must be properly identified and dated where generated.

C. Waste stored over 90 days must be reported to the Government.

D. Areas must maintain an inventory and provide reports on amounts stored. The Main Office will consolidate reports for the Plant.

IX. Responsibilities

1. All Areas

A. Each Area of the Plant is responsibile for the safe and environmentally correct disposal of the waste generated by the Area.

B. Submit waste reports as required to the Main Office.

C. Complete Waste Characterization Forms for waste generated by the Area.

D. Proper storage and identification of waste held in the Area.

2. Site Waste Coordinator

A. Establish and maintain an acceptable Plant waste practice which complies with Company and Government regulations.

IX. Responsibilities (Cont'd.)

2. Site Waste Coordinator (Cont'd.)

B. Assist Areas with Waste Characterization Forms as needed.

C. Coordinate with Wilmington as required.

D. Audit Plant waste disposal practices.

3. Main Office

A. Submit Waste Characterization Form to E.& M. Department and establish disposal outlet.

B. Administer N.J. Waste Manifest program.

C. Prepare and submit waste reports required by the Plant, Company and Government agencies.

D. Provide shipping papers.

4. Plant Engineering Department

A. Operate site sanitary landfill.

B. Operate Salvage Area and dispose of scrap metal.

5. Technical Area

A. Assist areas with waste disposal outlets.

B. Assist areas prepare Waste Characterization Forms.

JFA:nk
11/6/80

WASTE CHARACTERIZATION

LOCATION: _____ DATE: _____

Description of Waste: _____

_____

_____

Composition:

Major Components	Concentration % Upper	Concentration % Lower	TLV (If Known) †ACGIH	TLV (If Known) ‡OSHA
1.				
2.				
3.				
4.				
5.				

Physical State (at 25°C) (Circle): Solid Liquid Sludge Gas

Other (Specify) _____

pH (Specify): _____ Odor (Yes/No): _____

Hazardous Properties (Circle): Combustible (FP ____ °F), Flammable (FP ____ °F), Corrosive, Heat Sensitive, Water Sensitive, Oxidizer, Peroxide, Poison A, Poison B, Pyrophoric, Radioactive, Carcinogen - OSHA, Other - Specify on Attached Sheet.

Lab Analysis:

Metals	MG/L	CN	MG/L	ACIDITY	MG/L	BROMINE	%W
	MG/L	TOC	MG/L	TDS	MG/L	CHLORINE	%W
	MG/L	BOD	MG/L	SS	MG/L	FLUORINE	%W
	MG/L	COD	MG/L	BTU	/LB.	NA, K	MG/L

Container (Specify):

Drums (Type, Size, Material of Construction, Weight) _____

_____

Bulk _____

Volume of Material: This Request: _____ Annual: _____

D.O.T. Shipping Name: _____

D.O.T. Hazard Classification: _____

Contractor's Code: _____ Disposal Permit No.: _____

Other Information (Attach if Needed): _____

_____

Form VHW-001
2/16

DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOLID WASTE ADMINISTRATION

EXHIBIT II

B

SPECIAL WASTE MANIFEST

C . 82123

SECTION I TO BE COMPLETED BY THE SPECIAL WASTE GENERATOR

Plant Identification Number ☐☐☐☐☐☐ Pick-Up Date ☐☐/☐☐/☐☐ (MO. / DAY / YR.)

Company Name _____

Pick-Up Address _____

Name of Hauler _____ Address _____

Name of Facility _____ Address _____

Handling Instructions: Emergency Spill Phone Nos.: 609-292-5560 or 609-292-7172

	Waste Type	Number of Containers	Physical State	Hazard ID.	Total Quantity — Identify units in pounds or gallons use P for pounds and G for gallons	Pounds or Gallons	SECTION V TO BE COMPLETED BY THE SPECIAL WASTE FACILITY OPERATOR — Rejected Amount
1.	Acid Solution						
2.	Alkaline Solution						
3.	Arsenic Residues						
4.	Catalyst Residues						
5.	Cyanide Residues						
6.	Chlorinated (Dioxin, Furan) Residues						
7.	Etching, Pickling, & Plating Residue						
8.	Explosive Residue						
9.	Filter Clays, Filter Aids						
10.	Ester, Alcohol, Ether, Ketone, Glycol Residues						
11.	Heavy Metal Residue						
12.	Organic and Heavy Metal Residue Mixture						
13.	Latex Residue						
14.	Peroxide						
15.	Oil and Oil Sludges, Emulsions						
16.	Paint and Pigment Residues						
17.	Pesticides						
18.	Pharmaceutical Wastes (Drugs, etc.)						
19.	Lacramators, Amines, Mercaptans, Amide						
20.	Plasticizer, Resin, Monomer, Elastomer Residues						
21.	PCB,PBB Contaminated Materials						
22.	Solvent, Halogenated Organic						
23.	Solvent, Mixed						
24.	Still Bottoms						
25.	Radioactive Residue						
26.	Tetraethyl Lead Residues						
	Other (See Instructions)						
27.	☐☐☐☐☐ _____						
28.	☐☐☐☐☐ _____						
29.	☐☐☐☐☐ _____						
30.	☐☐☐☐☐ _____						

I certify that the above information is correct to the best of my knowledge.
Date _____ Signature and Title _____

SECTION II TO BE COMPLETED BY THE SPECIAL WASTE HAULER

I certify that the described quantity of material (s) listed in Section I was collected by me. State ☐☐ Number ☐☐☐☐☐
Date _____ Signature _____ Vehicle License Plate Number

SECTION III TO BE COMPLETED BY THE SPECIAL WASTE HAULER

Name of Hauler _____ Address _____
I certify that the described quantity of material (s) listed in Section I was hauled by me to the Special Waste Facility named in Section I
Date _____ Signature _____ Vehicle License Plate Number ☐☐ ☐☐☐☐☐

SECTION IV TO BE COMPLETED BY THE SPECIAL WASTE FACILITY

Name of Facility _____ Address _____
Registration Number ☐☐☐☐ Date Waste Received ☐☐/☐☐/☐☐ ☐ Accepted ☐ Rejected
I certify that the hauler stated above delivered the waste described in Section I to this Facility.

Date _____ Signature and Title _____

B — FACILITY COPY

EXHIBIT III

W. H. BEUTEL) In
P. M. CLINTON) Turn

WEEKLY WASTE REPORT

AREA _____ DATE _____

DRUM INVENTORY

	LAST REPORT	GENERATED	DISPOSED	CURRENT BALANCE
SOLID				
LIQUID				
MOPS				
SLUDGE				
RISTON				
URETHANE PRODUCTS				
POLYESTER				

TOTALS:

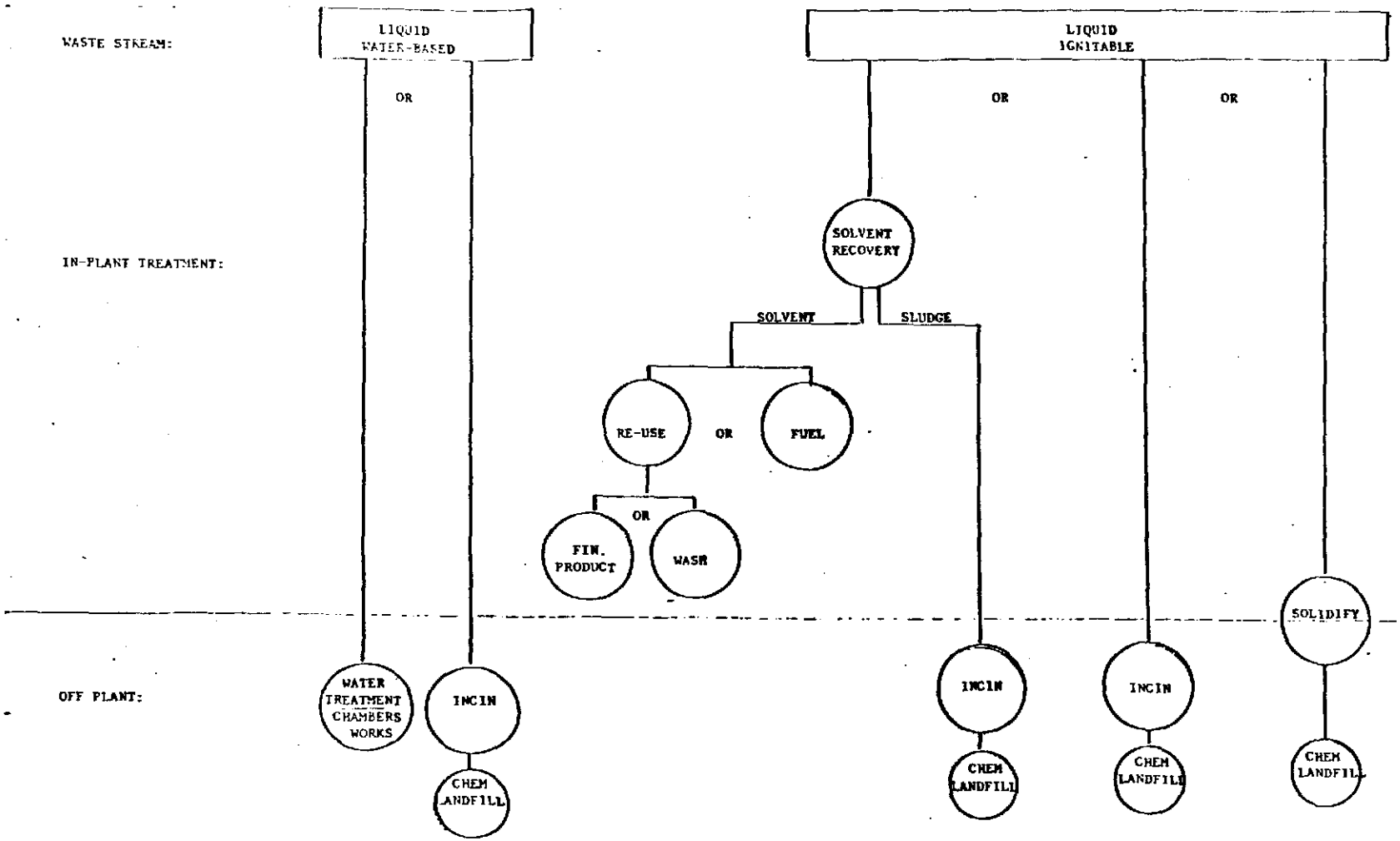
REMARKS:

SMALL CONTAINERS: 5's _____ 1's, 1/4's, 1/8's _____

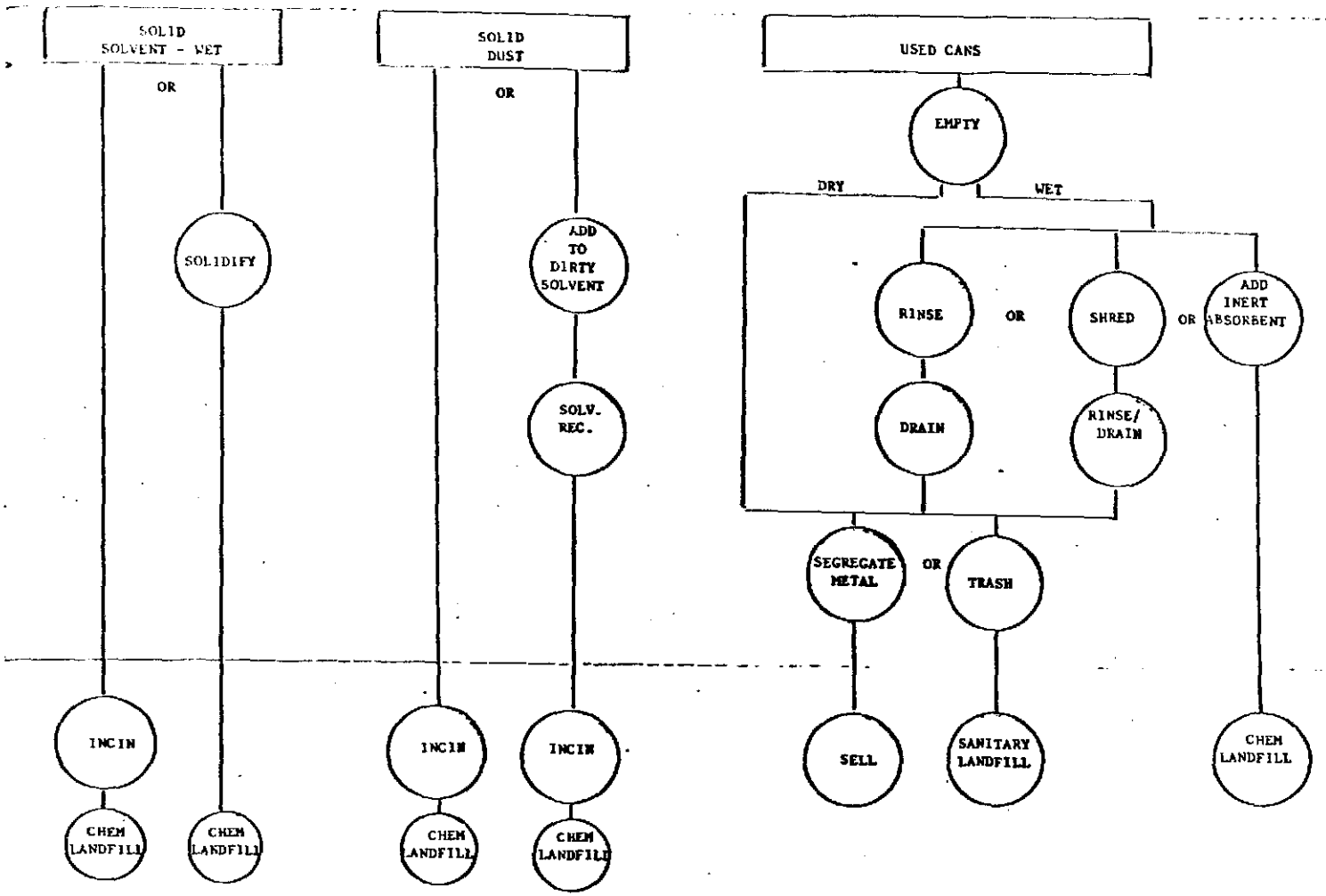
J. F. ACERRA - SEPT. 15, 1980

Hazardous Waste Disposal

F & F DEPT OCT 15 1980



OCT 15 1980



cuno filters
filter paper

D-001, D-007, D-008

bag-house dust
off-std. pigment

K-082, D-007, D-008

D-001, D-007, D-008

P. & P. AREA

TO R.C. WRITER

DATE 11-17-86

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	90	NONE	10
SOLID WASTE	WPS-23715	80	30	20
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	180	50	70
H-203 WASH		40	NONE	NONE
GLYCOL & WATER	P/N#013046DD	210	50	NONE
STILL 121 DRAINS		40	20	NONE
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	4	NONE	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

P. & P. AREA

TO R.C. WRITER

DATE 1-5-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	150	NONE	10
SOLID WASTE	WPS-23715	80	50	30
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	100	50	30
H-203 WASH		40	20	NONE
GLYCOL & WATER	P/N#013046DD	180	30	10
STILL 121 DRAINS		40	20	NONE
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	4	NONE	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

P. & P. AREA

TO R.C. WRITER

DATE 1-12-86 87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	150	NONE	10
SOLID WASTE	WPS-23715	18	NONE	NONE
80/LIQUID 20/SOLID	P/N #T0774FB WPS-24239	100	50	30
H-203 WASH		52	20	none
GLYCOL & WATER	P/N#013046DD	180	30	10
STILL 121 DRAINS		40	20	none
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	4	none	none
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

P. & P. AREA

TO R.C. WRITER

DATE 1-19-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	230	40	20
SOLID WASTE	WPS-23715	30	20	20
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	100	50	30
H-203 WASH		52	20	NONE
GLYCOL & WATER	P/N#013046DD	40	NONE	NONE
STILL 121 DRAINS		40	20	NONE
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	8	4	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

(Shipments)

1-27-87 (80DRS Liquid Waste WPS-24243)
2-2-87 (80DRS Polyester Waste P/N#-013046DD)
2-3-87 (80DRS Polyester Waste P/N#-013046DD)
2-17-87 (80DRS Liquid Waste WPS-24243)

P. & P. AREA

TO R.C. WRITER

DATE 1-26-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	155	30	20
SOLID WASTE	WPS-23715	60	20	20
80/LIQUID 20/SOLID	P/N #T0774FB WPS-24239	130	50	40
H-203 WASH		40	20	NONE
GLYCOL & WATER	P/N#013046DD	40	20	NONE
STILL 121 DRAINS		40	20	20
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	13	4	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

2-2-87 Polyester Waste P/N# 013046-00
2-3-87 Polyester Waste P/N# 013046-00
2-17-87 Liquid Waste WPS-24243

P. & P. AREA

TO R.C. WRITER

DATE 2-2-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	265	50	30
SOLID WASTE	WPS-23715	60	20	20
80/LIQUID 20/SOLID	P/N #T0774FB WPS-24239	130	50	40
H-203 WASH		40	20	NONE
GLYCOL & WATER	P/N#013046DD	60	30	NONE
STILL 121 DRAINS		40	20	20
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	13	4	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

2-3-87 80 DRS. Polyester Waste 013046-DD

2-17-87 80 DRS. Liquid Waste WPS-24243

P. & P. AREA

TO R.C. WRITER

DATE 2-9-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	265	50	30
SOLID WASTE	WPS-23715	70	20	20
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	130	50	40
H-203 WASH	WPS-24242	40	30	NONE
GLYCOL & WATER	P/N#013046DD	85	35	NONE
STILL 121 DRAINS		40	20	20
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	16	4	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

2-9-87 100 DRS Liquid Waste P/N #010774 BULK

2-17-87 80 DRS. Liquid Waste WPS-24243

P. & P. AREA

TO R.C. WRITER

DATE 2-16-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	180	30	10
SOLID WASTE	WPS-23715	70	20	20
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	150	50	40
H-203 WASH	WPS-24242	48	30	NONE
GLYCOL & WATER	P/N#013046DD	110	35	NONE
STILL 121 DRAINS		40	20	20
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	16	4	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

2-17-87 80 DRS Liquid Waste WPS-24243 TK# 146 2-18-87 Vacuum Truck Polyester Waste

P. & P. AREA

TO R.C. WRITER

DATE 2-23-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	140	20	NONE
SOLID WASTE	WPS-23715	70	20	30
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	150	50	40
H-203 WASH	WPS-24242	48	30	NONE
GLYCOL & WATER	P/N#013046DD	130	35	NONE
STILL 121 DRAINS		40	40	40
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	16	4	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

3-13-87 80 DRS - 40 WPS-24243 - 40 - WPS-24242

2-26-87 T/W Pump TK# 511 - RC-963 OUT

BULK P/N# 010774

P. & P. AREA

TO R.C. WRITER

DATE 3-2-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	160	30	20
SOLID WASTE	WPS-23715	70	20	30
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	150	50	40
H-203 WASH	WPS-24242	52	30	NONE
GLYCOL & WATER	P/N#013046DD	150	35	NONE
STILL 121 DRAINS		40	40	40
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	16	4	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

3-13-87 80 DRS. 40-WPS-24243-40-WPS-24242

P. & P. AREA

TO R.C. WRITER

DATE 3-9-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	260	50	80
SOLID WASTE	WPS-23715	70	40	50
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	100	50	50
H-203 WASH	WPS-24242	56	30	NONE
GLYCOL & WATER	P/N#013046DD	180	50	NONE
STILL 121 DRAINS	—	—	—	—
POPCORN	WPS-24244	24	24	24
SALVAGE DRUMS	WPS-24240	16	4	NONE
20/LIQUID 80/SOLID		30	30	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

P. & P. AREA

TO R.C. WRITER

DATE 3-16-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	340	100	80
SOLID WASTE	WPS-23715	70	40	50
80/LIQUID 20/SOLID	P/N #T0774FB WPS-24239	100	70	60
H-203 WASH	WPS-24242	12	NONE	NONE
GLYCOL & WATER	P/N#013046DD	180	50	NONE
STILL 121 DRAINS	—	—	—	—
POPCORN	WPS-24244	24	24	24
SALVAGE DRUMS	WPS-24240	18	4	NONE
20/LIQUID 80/SOLID		30	30	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

3-25-87 80 DRS. LIQUID WASTE WPS-24243

898

420
180
240

P. & P. AREA

TO R.C. WRITER

DATE 3-23-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	420	100	80
SOLID WASTE	WPS-23715	110	50	50
80/LIQUID 20/SOLID	P/N #T0774FB WPS-24239	90	40	40
H-203 WASH	WPS-24242	18	NONE	NONE
GLYCOL & WATER	P/N#013046DD	180	50	NONE
~~STILL 121 DRAINS~~				
POPCORN	WPS-24244	32	32	32
SALVAGE DRUMS	WPS-24240	18	4	NONE
20/LIQUID 80/SOLID		30	30	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

3-25-87 80 DRS Liquid WASTE WPS-24243

3-26-87 TK# 625 WASTE TANK P/N# 010774 5000 gals

4-1-87 80 DRS. Polyester Waste P/N# 013046-00

P. & P. AREA

TO R.C. WRITER

DATE 3-30-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	240	40	60
SOLID WASTE	WPS-23715	120	50	50
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	80	40	30
H-203 WASH	WPS-24242	27	NONE	NONE
GLYCOL & WATER	P/N#013046DD	100	NONE	NONE
~~STILL 121 DRAINS~~				
POPCORN	WPS-24244	32	32	32
SALVAGE DRUMS	WPS-24240	18	4	NONE
20/LIQUID 80/SOLID		30	30	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

4-1-87 80 DRS Polyester WASTE P/N# 013046-DD
4-24-87 80 DRS Solid + POPCORN WPS-23715 & 24244
4-87 80 DRS LIQUID WASTE WPS-24243
4-87 TIC# 625 BULK P/N# 010774

P. & P. AREA

TO R.C. WRITER

DATE 4-6-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	240	40	60
SOLID WASTE	WPS-23715	120	50	50
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	80	40	30
H-203 WASH	WPS-24242	30	NONE	NONE
GLYCOL & WATER	P/N#013046DD	100	NONE	NONE
~~STILL 121 BRAINS~~	—			
POPCORN	WPS-24244	40	32	32
SALVAGE DRUMS	WPS-24240	18	4	NONE
20/LIQUID 80/SOLID		30	30	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

4-24-87 80 DRS Solid & Popcorn WPS-23715&24244

4-87 160 DRS Liquid Waste WPS-24243

4-87 80 DRS Polyester Waste P/N#013046-DD

4-87 TK# 625 Bulk P/N# 010774

P. & P. AREA

TO R.C. WRITER

DATE 4-13-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	450	100	80
SOLID WASTE	WPS-23715	120	50	50
80/LIQUID 20/SOLID	P/N #T0774FB WPS-24239	80	40	30
H-203 WASH	WPS-24242	45	NONE	NONE
GLYCOL & WATER	P/N#013046DD	100	NONE	NONE
~~STILL 121 DRAINS~~				
POPCORN	WPS-24244	40	32	32
SALVAGE DRUMS	WPS-24240	18	4	NONE
20/LIQUID 80/SOLID		30	30	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

P. & P. AREA

TO R.C. WRITER

DATE 4-20-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	530	100	100
SOLID WASTE	WPS-23715	120	50	50
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	80	40	40
H-203 WASH	WPS-24242	53	8	NONE
GLYCOL & WATER	P/N#013046DD	150	NONE	NONE
~~STILL L21 DRAINS~~				
POPCORN	WPS-24244	40	40	40
SALVAGE DRUMS	WPS-24240	18	8	NONE
20/LIQUID 80/SOLID		30	—	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

4-22-87 80 DRS. Polyester WASTE P/N# 013046-DD
4-24-87 80 DRS Solid WASTE WPS-24244 & 23715
5-8-87 80 DRS Liq WASTE WPS-24243 & 24242
5-15-87 80 DRS Liq WASTE WPS-24243

P. & P. AREA

TO R.C. WRITER

DATE 4-28-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	130	100	100
SOLID WASTE	WPS-23715	70	30	40
80/LIQUID 20/SOLID	P/N #T0774FB WPS-24239	80	40	40
H-203 WASH	WPS-24242	53	12	NONE
GLYCOL & WATER	P/N#013046DD	70	NONE	NONE
~~STILL 121 DRAINS~~				
POPCORN	WPS-24244	10	10 ~~NONE~~	10 NONE
SALVAGE DRUMS	WPS-24240	18	8	NONE
20/LIQUID 80/SOLID		30	30	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

5-8-87 LIQUID WPS-24243 & 24242

5-15-87 LIQUID WPS-24243

P. & P. AREA

TO R.C. WRITER

DATE 5-4-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	530	150	100
SOLID WASTE	WPS-23715	70	50	20
80/LIQUID 20/SOLID	P/N #T0774FB WPS-24239	80	40	40
H-203 WASH	WPS-24242	53	12	NONE
GLYCOL & WATER	P/N#013046DD	90	NONE	NONE
~~STILL 121 DRAINS~~				
POPCORN	WPS-24244	10	10	10
SALVAGE DRUMS	WPS-24240	18	8	NONE
20/LIQUID 80/SOLID		30	—	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

5-8-87 LIQ. WASTE WPS-24243 & 24242 80 DRS

5/13→ 5-15-87 LIQ WASTE WPS-24243 80 DRS

5-18-87 LIQ WASTE PIN# 013045-00 80 DRS.

BOR

P. & P. AREA

TO R.C. WRITER

DATE 5-11-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	450	100	70
SOLID WASTE	WPS-23715	77	50	30
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	80	40	40
H-203 WASH	WPS-24242	60	12	NONE
GLYCOL & WATER	P/N#013046D0	90	NONE	NONE
~~STILL 121 BRAINS~~				
POPCORN	WPS-24244	10	10	10
SALVAGE DRUMS	WPS-24240	18	8	NONE
20/LIQUID 80/SOLID		30	—	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

5-13-87 80 DRS. Liq. WASTE WPS-24243

P. & P. AREA

TO R.C. WRITER

DATE 5-18-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	380	100	70
SOLID WASTE	WPS-23715	90	50	40
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	80	40	40
H-203 WASH	WPS-24242	68	16	NONE
GLYCOL & WATER	P/N#013046DD	90	NONE	NONE
~~STILL 121 DRAINS~~				
POPCORN	WPS-24244	10	—	10
SALVAGE DRUMS	WPS-24240	18	8	NONE
20/LIQUID 80/SOLID		30	—	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

80 DRS Liquid 6-3-87 WPS-24243

80 DRS Liquid 6-17-87 WPS-24243

80 DRS Liquid 7-3-87 WPS-24243

P. & P. AREA

TO R.C. WRITER

DATE 5-26-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	410	140	100
SOLID WASTE	WPS-23715	90	50	40
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	80	—	80
H-203 WASH	WPS-24242	73	20	NONE
GLYCOL & WATER	P/N#013046DD	90	40	NONE
~~STILL 121 DRAINS~~				
POPCORN	WPS-24244	10	—	10
SALVAGE DRUMS	WPS-24240	18	12	NONE
20/LIQUID 80/SOLID		30	—	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

6-3-87 80 DRS LIQ WASTE WPS-24243
6-24-87 80 DRS LIQ WASTE WPS-24243
7-1-87 80 DRS LIQ WASTE WPS-24243
7-8-87 80 DRS LIQ WASTE WPS-24243

P. & P. AREA

TO R.C. WRITER

DATE 6-1-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	420	140	~~220~~ 185
SOLID WASTE	WPS-23715	100	~~40~~ 50	~~40~~ 40 60
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	80	—	80
H-203 WASH	~~WPS-24242~~	76	20	NONE
GLYCOL & WATER	P/N#013046DD	100	40	50 ~~NONE~~
~~STILL 121 DRAINS~~				
POPCORN	WPS-24244	10	—	10
SALVAGE DRUMS	~~WPS-23~~ WPS-~~24240~~	15 18	15 16	13 4
20/LIQUID 80/SOLID		30	—	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

6-3-87	80 DRS	Liq Waste	WPS-24243
6-24-87	80 DRS	Liq Waste	WPS-24243
7-1-87	80 DRS	Liq Waste	WPS-24243
7-8-87	80 DRS	Liq Waste	WPS-24243
7-8-87	TK 625	P/N# 010774BK	

P. & P. AREA

TO R.C. WRITER

DATE 6-5-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	479	150	243
SOLID WASTE	WPS-23715	45	34	2
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	80	—	80
H-203 WASH	WPS-24242	76	20	NONE
GLYCOL & WATER	P/N#013046DD	158	60	50
~~STILL 181 DRAINS~~				
POPCORN	WPS-24244	10	—	10
SALVAGE DRUMS	WPS-23715	12	—	12
	[redacted] WPS-24243	3	3	1
20/LIQUID 80/SOLID		30	—	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

P. & P. AREA

TO R.C. WRITER

DATE 6-8-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	479	150	243
SOLID WASTE	WPS-23715	45	34	2
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	80	—	80
H-203 WASH	WPS-24242	76	20	4
GLYCOL & WATER	P/N#0130460D	158	60	50
~~STILL 121 DRAINS~~				
POPCORN	WPS-24244	NONE	—	—
SALVAGE DRUMS	WPS-23715	14		12
	[redacted] WPS-24245	4	2	1
20/LIQUID 80/SOLID		15	—	15

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

6-10-87 160 DRS WPS-24243
6-11-87 80 DRS WPS-24239 & WPS-23715
6-24-87 80 DRS WPS-24243
7-1-87 80 DRS WPS-24243
7-8-87 80 DRS WPS-24243

P. & P. AREA

TO R.C. WRITER

DATE 6-15-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	204	109	NONE
SOLID WASTE	WPS-23715	55	15	NONE
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	18	8	10
H-203 WASH	WPS-24242	42	2	23
GLYCOL & WATER	X11008 P/N#013046DD	13	NONE	NONE
H-314 WATER		25	10	13 *
MONOMER+WAT-L DEVOTHERM (WET)		X11009-36 X11010-11	36 [redacted]	10
SALVAGE DRUMS	X11008 WPS 24239 WPS 24243 WPS-24244 WPS-23715 H-314 & WATER	21	—	15

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

6-16-87 80 DRS WPS-24239 24244 24240 23715 24242
6-16-87 [redacted] 46 DRS X11009 & X11010
6-24-87 80 LIQ WPS-24243
7-1-87 80 LIQ WPS-24243
6-19-87 80 LIQ WPS-24243 & [redacted] 23715

P. & P. AREA

TO R.C. WRITER

DATE 6-22-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	154	54	NONE
SOLID WASTE	WPS-23715	59	17	NONE
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	13	4	NONE
H-203 WASH	WPS-24241	12	NONE	NONE
GLYCOL & WATER	X11008 P/N#013046DD	18	NONE	NONE
~~STILL 121 DRAINS~~				
POPCORN	WPS-24244			
~~SALVAGE DRUMS~~	WPS-24240			
~~20/LIQUID 80/SOLID~~				

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

5-24-87 80 DRS WPS-24243-24239-23715

7-1-87 80 DRS WPS-24243

7-8-87 80 DRS WPS-24243-23715

P&P AREA

TO: R. C. WRITER DATE: 7-6-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT.(DRUMS)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	172	NONE	NONE
Paint Lacquer Waste	Solid	39	NONE	NONE
Paint Waste	80% Liquid 20% Solid	15	NONE	NONE
Acrylic Resin	Methylene Chloride	12	NONE	NONE
Glycol & Water	Ethylene Glycol	18	NONE	NONE
Polymer Residue and Filters	Popcorn	NONE		
W. A. Filters	Filters	8	NONE	NONE

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

7-8-87 80 DRS WPS-24243 Liquid

7-15-87 80 DRS WPS-24243 & 23745 - Liq & Solid

7-22-87 80 DRS WPS-24243 & 24242 - Liq & Meth Chloride

P&P AREA

TO: R. C. WRITER DATE: 7-13-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT.(DRUMS)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	95	NONE	NONE
Paint Lacquer Waste	Solid	43	NONE	NONE
Paint Waste	80% Liquid 20% Solid	37	2	NONE
Acrylic Resin	Methylene Chloride	16	6	NONE
Glycol & Water	Ethylene Glycol	18	NONE	NONE
Polymer Residue and Filters	Popcorn	NONE		
W. A. Filters	Filters	12	NONE	NONE

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

7-15-87 80 DRS. Liq. & Solid WPS-24243-24242-23715

7-22-87 80 DRS. Liq. WPS-24243-24239

P&P AREA

TO: R. C. WRITER DATE: 7-20-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT.(DRUMS)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	81	NONE	NONE
Paint Lacquer Waste	Solid	8	NONE	
Paint Waste	80% Liquid 20% Solid	66	NONE	
Acrylic Resin	Methylene Chloride	28	NONE	
Glycol & Water	Ethylene Glycol	18	NONE	
Polymer Residue and Filters	Popcorn	4	NONE	
W. A. Filters	Filters	12	NONE	NONE

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

7-22-87 80 DRS WPS-24243 & 24239

P&P AREA

TO: R. C. WRITER

DATE: 7-27-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRUMS)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	76	NONE	NONE
Paint Lacquer Waste	Solid	16		
Paint Waste	80% Liquid 20% Solid	30		
Acrylic Resin	Methylene Chloride	32		
Glycol & Water	Ethylene Glycol	18		
Polymer Residue and Filters	Popcorn	4		
W. A. Filters	Filters	16		
ETHYL ACETATE & WATER	LIQUID	6	NONE	NONE

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 8-4-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	16	NONE	✓
Paint Lacquer waste	Solid	25		✓
Paint Waste	80% Liquid 20% Solid	39		✓
Acrylic Resin	Methylene Chloride	32		✓
Glycol & Water	Ethylene Glycol	18		✓
Polymer Residue and Filters	Popcorn	8		✓
W. A. Filters	Filters	20		✓
Ethyl Acetate and Water	Liquid	7	NONE	✓

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

7/30/87-bcl

P&P AREA

TO: K. W. QUACKENBUSH DATE: 8-10-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	35	NONE	NONE
Paint Lacquer waste	Solid	4		
Paint Waste	80% Liquid 20% Solid	21		
Acrylic Resin	Methylene Chloride	33		
Glycol & Water	Ethylene Glycol	19		
Polymer Residue and Filters	Popcorn	4		
W. A. Filters	Filters	4		
Ethyl Acetate and Water	Liquid	1	NONE	NONE

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

8/11 - WPS - 23715 - 24239 - 24241 - 24242 - 24244

9/2 - WPS - 24240

7/30/87-bcl

P&P AREA

TO: K. W. QUACKENBUSH DATE: 8-17-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	40	None	
Paint Lacquer waste	Solid	10		
Paint Waste	80% Liquid 20% Solid	18		
Acrylic Resin	Methylene Chloride	33		
Glycol & Water	Ethylene Glycol	45	18	
Polymer Residue and Filters	Popcorn	4	None	
W. A. Filters	Filters	12		
Ethyl Acetate and Water	Liquid	8		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

8-20-87 80 DRS. WPS-24243-24242-24240-24239

9-2-87 80 DRS. WPS-24240

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 8-24-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	32	NONE	—
Paint Lacquer waste	Solid	17		
Paint Waste	80% Liquid 20% Solid	9		
Acrylic Resin	Methylene Chloride	3		
Glycol & Water	Ethylene Glycol	0		
Polymer Residue and Filters	Popcorn	0		
W. A. Filters	Filters	20		
Ethyl Acetate and Water	Liquid	8	NONE	—

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

80 DRS. 9-2-87 WPS-24240

T/W TK# 511 8-27-87 & 9-2-87 RC-963 WPS-24243

58 DRS - 8-24-87 X11008 GLYCOL E WATER

7/30/87-bcl

P&P AREA

TO: K. W. QUACKENBUSH

DATE: 9-8-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	32	NONE	
Paint Lacquer waste	Solid	5		
Paint Waste	80% Liquid 20% Solid	23		
Acrylic Resin	Methylene Chloride	3		
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	3		
W. A. Filters	Filters	1		
Ethyl Acetate and Water	Liquid	8	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

7/30/87-bcl

P&P AREA

TO: K. W. QUACKENBUSH DATE: 9-21-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	20	NONE	
Paint Lacquer waste	Solid	7		
Paint Waste	80% Liquid 20% Solid	4		
Acrylic Resin	Methylene Chloride	3		
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	6		
W. A. Filters	Filters	5		
Ethyl Acetate and Water	Liquid	9	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Downstream & DIRT - 1 DR

H-216 & DIRT - 4 DRS (9/23 - Ross 80 DRS WPS 24239 24243-24240)

Gelled Resin & DIRT - 8 DRS N/R - 14 DRS

Mixed Acrylates - ~~5~~ 3 DRS Sludge + H20 - 83 DRS

Gelled Resin & WATER - 36 DRS Vacuum TK. Hose - 12 DRS

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 9-28-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	7	7	
Paint Lacquer waste	Solid	NONE		
Paint Waste	80% Liquid 20% Solid	NONE		
Acrylic Resin	Methylene Chloride	NONE		
Glycol & Water	Ethylene Glycol	9		
Polymer Residue and Filters	Popcorn	NONE		
W. A. Filters	Filters	4	NONE	
Ethyl Acetate and Water	Liquid	9	8	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

DowTherm & DIRT - 1 DR 7/12 N/R - 14 DRS

H-216 & DIRT - 4 DRS 7/21/87 SLudge & WATER - 88 DRS

Gelled Resin & DIRT - 8 DRS 7/30 Contaminated Hose - 12 DRS

Mixed Acrylates - 3 DRS 8/10

Gelled Resin & WATER - 36 DRS 9-18-87

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 10-5-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	13	4	
Paint Lacquer waste	Solid	12	NONE	
Paint Waste	80% Liquid 20% Solid	24	NONE	
Acrylic Resin	Methylene Chloride	NONE	1	
Glycol & Water	Ethylene Glycol	9	NONE	
Polymer Residue and Filters	Popcorn	NONE		
W. A. Filters	Filters	8	NONE	
Ethyl Acetate and Water	Liquid	9	9	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

✓ DowTherm & DIET - 1 - 7-22-87 NON-Reg[redacted] - 23DRS.

✓ H-216 & DIET - 4 2-7-21-87 / 2-7-20-87 SLudge & WATER (COOL) 88 DRS.

✓ Gelled Resin & DIET 10 - 8-7-30-87 / 2-10-5-87 Teflon Acid WASH - 10-2-87 - 1DR

✓ Mixed Acrylates - 3 1-8-20-87 / 1-9-24-87 / 1-8-4-87

✓ Gelled Resin & WATER 36 - 9-18-87

7/30/87-bcl

Gelled Resin	13	8-9-30-87	3-7-22-87		
		1-9-8-87	1-7-28-87		
PAINT WASTE	24	7-9-29-87	1-9-21-87	7-10-1-87	
		1-9-14-87	8-10-2-87		
PAINT LACQUER	13	12-10-2-87			
		1-10-5-87			
Glycol + WATER	9	9-9-25-87			
W.A. Filters	8	3-9-30-87	2-9-24-87	1-9-22-87	
		1-10-1-87	1-9-23-87		
H-314 + WATER	9	1-7-24-87	2-7-28-87	1-7-27-87	
		1-7-20-87	1-7-23-87	1-7-22-87	1-7-21-87
				1-7-29-87	

P&P AREA

TO: K. W. QUACKENBUSH DATE: 10-12-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	30	3	
Paint Lacquer waste	Solid	19	NONE	
Paint Waste	80% Liquid 20% Solid	37	NONE	
Acrylic Resin	Methylene Chloride	1	NONE	
Glycol & Water	Ethylene Glycol	9	NONE	
Polymer Residue and Filters	Popcorn	4	NONE	
W. A. Filters	Filters	8	NONE	
Ethyl Acetate and Water	Liquid	9	9	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

~~Dowtherm & DIRT - 1~~ N/R - 23 DRS

~~H-216 + DIRT - 4~~ Sludge & WATER 88

Gelled Resin & DIRT - 17 Teflon Acid Wash - 1

~~Mixed Acrylates - 3~~

Gelled Resin & WATER - 36

7/30/87-bcl

P&P AREA

TO: K. W. QUACKENBUSH DATE: 10-19-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	76	3	
Paint Lacquer waste	Solid	22	NONE	
Paint Waste	80% Liquid 20% Solid	27		
Acrylic Resin	Methylene Chloride	1		
Glycol & Water	Ethylene Glycol	9		
Polymer Residue and Filters	Popcorn	12	NONE	
W. A. Filters	Filters	NONE		
Ethyl Acetate and Water	Liquid	NONE		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Gelled Resin & Dirt - 8 DRS

Gelled Resin & Water - 36 DRS

N/R 23 DRS

BOD Sludge & Water - 88 DRS

Teflon Acid Wash - 1 DR

7/30/87-bcl

P&P AREA

TO: K. W. QUACKENBUSH DATE: 10-26-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	13	NONE	
Paint Lacquer waste	Solid	18		
Paint Waste	80% Liquid 20% Solid	40		
Acrylic Resin	Methylene Chloride	11		
Glycol & Water	Ethylene Glycol	21		
Polymer Residue and Filters	Popcorn	12		
W. A. Filters	Filters	NONE		
Ethyl Acetate and Water	Liquid	1	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Gelled Resin & Dirt / N/R - 4 DRS

Gelled Resin & WATER - 36 DRS

Acrylic Emulsion N/R - 42

BOD WATER & Sludge - 88 DRS - N/R

7/30/87-bcl

P&P AREA

TO: K. W. QUACKENBUSH DATE: 11-2-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	13	NONE	
Paint Lacquer waste	Solid	18		
Paint Waste	80% Liquid 20% Solid	15	NONE	
Acrylic Resin	Methylene Chloride	NONE		
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	2	NONE	
W. A. Filters	Filters	NONE		
Ethyl Acetate and Water	Liquid	1	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Gelled Resin & Dirt 7 DRS

Gelled Resin & Water 36 DRS

Acrylic Emulsion N/R 45 DRS

BOD Water & Sludge - 88 DRS N/R

7/30/87-bcl

P&P AREA

TO: K. W. QUACKENBUSH

DATE: 11-9-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	31		
Paint Lacquer waste	Solid	19		
Paint Waste	80% Liquid 20% Solid	7		
Acrylic Resin	Methylene Chloride	1		
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	2		
W. A. Filters	Filters	8		
Ethyl Acetate and Water	Liquid	1		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT N/R - 5 DRS

Gelled Resin & DIRT - 7 DRS - N/R

Gelled Resin & WATER - 36 DRS

BOD WATER & Sludge - 88 DRS N/R

Acrylic Emulsion N/R - 46 DRS.

7/30/87-bcl

P&P AREA

TO: K. W. QUACKENBUSH DATE: 11-16-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	32	NONE	
Paint Lacquer waste	Solid	19		
Paint Waste	80% Liquid 20% Solid	24		
Acrylic Resin	Methylene Chloride	1	NONE	
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	3	NONE	
W. A. Filters	Filters	12		
Ethyl Acetate and Water	Liquid	1		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT N/R - 5 DRS.

Gelled Resin & DIRT - N/R 7 DRS

Gelled Resin & WATER - 36 DRS.

BOD WATER & SLudge - N/R 88 DRS.

Acrylic Emulsion - N/R - 49 DRS.

7/30/87-bcl

P&P AREA

TO: K. W. QUACKENBUSH

DATE: 11-23-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	12		
Paint Lacquer waste	Solid	7		
Paint Waste	80% Liquid 20% Solid	44		
Acrylic Resin	Methylene Chloride	10		
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	NONE		
W. A. Filters	Filters	4		
Ethyl Acetate and Water	Liquid	1		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT - N/R - 5 DRS

Gelled Resin & DIRT - N/R - 7 DRS

Gelled Resin & Water - 36 DRS

BOD Water & Sludge - N/R 84 DRS

Acrylic Emulsion - N/R - 51 DRS

7/30/87-bcl

P&P AREA

TO: K. W. QUACKENBUSH DATE: 11-30-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	16		
Paint Lacquer waste	Solid	7		
Paint Waste	80% Liquid 20% Solid	50		
Acrylic Resin	Methylene Chloride	10		
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	NONE		
W. A. Filters	Filters	4		
Ethyl Acetate and Water	Liquid	1		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT - N/R - 5 DRS

GELLED RESIN & DIRT - N/R - 7 DRS

GELLED RESIN & WATER - 36 DRS.

BOD WATER & SLUDGE - N/R 84 DRS.

ACRYLIC EMULSION - N/R - 49 DRS.

7/30/87-bcl

P&P AREA

TO: K. W. QUACKENBUSH

DATE: 12-7-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	22	NONE	
Paint Lacquer waste	Solid	10		
Paint Waste	80% Liquid 20% Solid	68		
Acrylic Resin	Methylene Chloride	12		
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	1	NONE	
W. A. Filters	Filters	4		
Ethyl Acetate and Water	Liquid	1		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT - N/R 5 DRS.

Gelled Resin & DIRT N/R - 7 DRS

Gelled Resin & WATER - 36 DRS.

BOD - WATER & Sludge - N/R - 79 DRS.

Acrylic Emulsion LATEX - 49 DRS.

7/30/87-bcl

P&P AREA

TO: K. W. QUACKENBUSH DATE: 12-14-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	32	NONE	
Paint Lacquer waste	Solid	10		
Paint Waste	80% Liquid 20% Solid	77		
Acrylic Resin	Methylene Chloride	28		
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	1	NONE	
W. A. Filters	Filters	12		
Ethyl Acetate and Water	Liquid	1		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT - N/R 5 DRS.

Gelled Resin & DIRT - 7 DRS

Gelled Resin & WATER - 36 DRS.

BOD WATER & Sludge - 79 DRS

Acrylic Emulsion LATEX - 49 DRS

7/30/87-bcl

P&P AREA

TO: K. W. QUACKENBUSH DATE: 12-21-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	34	NONE	
Paint Lacquer waste	Solid	10		
Paint Waste	80% Liquid 20% Solid	35		
Acrylic Resin	Methylene Chloride	16		
Glycol & Water	Ethylene Glycol	[redacted]		
Polymer Residue and Filters	Popcorn	3		
W. A. Filters	Filters	8		
Ethyl Acetate and Water	Liquid	1	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT - 5 DRS.

Gelled Resin & DIRT - 7 DRS

Gelled Resin & WATER - 36 DRS.

BOD WATER & sludge - 79 DRS

Acrylic Emulsion - 83 DRS.

7/30/87-bcl

P&P AREA

TO: K. W. QUACKENBUSH

DATE: 12-28-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	45		
Paint Lacquer waste	Solid	14		
Paint Waste	80% Liquid 20% Solid	49		
Acrylic Resin	Methylene Chloride	16		
Glycol & Water	Ethylene Glycol	—		
Polymer Residue and Filters	Popcorn	3		
W. A. Filters	Filters	8		
Ethyl Acetate and Water	Liquid	1		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT - 5 DRS

Gelled Resin & Water - 36 DRS

Gelled Resin & DIRT - 7 DRS

BOD WATER & Sludge - 79 DRS

Acrylic Emulsion - 83 DRS

7/30/87-bcl

P. & P. AREA

TO R.C. WRITER

DATE 11-24-86

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	130	NONE	10
SOLID WASTE	WPS-23715	80	30	20
80/LIQUID 20/SOLID	P/N #T0774FB WPS-24239	100	50	30
H-203 WASH		40	NONE	NONE
GLYCOL & WATER	P/N#013046DD	300	50	NONE
STILL 121 DRAINS		40	20	NONE
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	4	NONE	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

P. & P. AREA

TO R.C. WRITER

DATE 12-1-86

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	110	NONE	10
SOLID WASTE	WPS-23715	80	30	20
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	100	50	30
H-203 WASH		40	NONE	NONE
GLYCOL & WATER	P/N#013046DD	150	30	NONE
STILL 121 DRAINS		40	20	NONE
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	4	NONE	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

P. & P. AREA

TO R.C. WRITER

DATE 12-8-86

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	110	NONE	10
SOLID WASTE	WPS-23715	80	30	20
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	100	50	30
H-203 WASH		40	NONE	NONE
GLYCOL & WATER	P/N#013046DD	150	30	NONE
STILL 121 DRAINS		40	20	NONE
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	4	NONE	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

P. & P. AREA

TO R.C. WRITER

DATE 12-15-86

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	110	NONE	10
SOLID WASTE	WPS-23715	80	30	20
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	100	50	30
H-203 WASH		40	20	NONE
GLYCOL & WATER	P/N#013046DD	180	30	NONE
STILL 121 DRAINS		40	20	NONE
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	4	NONE	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

P. & P. AREA

TO R.C. WRITER

DATE 12-22-86

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	140	NONE	10
SOLID WASTE	WPS-23715	80	30	20
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	100	50	30
H-203 WASH		40	20	NONE
GLYCOL & WATER	P/N#013046DD	180	30	NONE
STILL 121 DRAINS		40	20	NONE
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	4	NONE	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

P. & P. AREA

TO R.C. WRITER

DATE 12-29-86

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	150	NONE	10
SOLID WASTE	WPS-23715	80	30	20
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	100	50	30
H-203 WASH		40	20	NONE
GLYCOL & WATER	P/N#013046DD	180	30	10
STILL 121 DRAINS		40	20	NONE
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	4	NONE	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 gal plastic
Drum Number: DPPL 15
Generator: Dupont - Pontchartrain
Hazard Class: Waste, Flammable liquid, NOS

WPS #: NTS-797233
Date: 3-30-36
Project #: 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x1 gal	WASTE Dioctyl Phthalate	NR	combust.
	WASTE		
	WASTE		
1x1 pt	WASTE 2-Methoxyethanol	NR	combust.
	WASTE		
1x 50g	WASTE para-Dichlorobenzene	D001	
	WASTE		
1x 1/4 #	WASTE Tyvek, Paper	NR	
	WASTE		
1x 3/4 gal	WASTE Plastic mold / molding plastic	D001	
	WASTE containing urethane		
	WASTE resin and styrene monomer		
	WASTE		
1x 10#	WASTE Coumavin	NR	
	WASTE		
	WASTE		
	WASTE		
~~2x 5oz~~	WASTE ~~Methyl Ethyl Ketone~~	~~D001~~	
	WASTE ~~Peroxide Solution~~		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 Gallon Plastic
WPS #: NJS T 9233
Drum Number: DP-1
Date: 3/30/87
Generator: Dupont, Parlin NJ
Project #: 6087
Hazard Class: Oxidizer
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1 X LB	WASTE Ferric Nitrate	D001	
3 X LB	WASTE Potassium Bromate	D001	
1 X LB	WASTE Ammonium Nitrate	D001	
1 X LB	WASTE Magnesium Nitrate	D001	
1 X LB	WASTE Lead Nitrate	D001	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 Gallon Plastic
WPS #: WPS T 97253
Drum Number: DR 2
Date: 3/30/87
Generator: Dupont, Parlin NJ
Project #: 6087
Hazard Class: Oxidizer
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x1LB	WASTE Strontium Nitrate	D001	
1x1LB	WASTE Strontium Nitrate	D001	
1x1LB	WASTE Sodium Nitrite	D001	Mixed w water
1x1LB	WASTE Sodium Nitrite	D001	
1x1LB	WASTE Potassium Persulfate	D001	
1x1LB	WASTE Potassium Nitrate	D001	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal Plastic — WPS #: NTS-T9223

Drum Number: DR-3X — Date: 3/30/87

Generator: DuPont - PAELLIN — Project #: [redacted]6087

Hazard Class: FLAMMABLE SOLID, NOS — Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1 X ¼ lb	WASTE CELOGEN AZ 390	D001	
	WASTE (cont. p,p'-oxybis-(benzenesulfonyl)		hydrazine)
1 X ½ lb	WASTE CELOGEN OT	D001	
	WASTE (cont. p,p'-oxybis-(benzenesulfonyl		hydrazine)
	WASTE		
1 X ½ lb	WASTE EXPANDEX SPT	D001	
	WASTE (5-Phenyltetrazole)		
	WASTE		
2 X 1 lb	WASTE Sodium Sulfide	D001	
	WASTE		
1 X ½ lb	WASTE Titanium metal	D001	
	WASTE		
1 X 100 lb	WASTE Hexamethylenetetramine	D001	
	WASTE		
1 X 5 lb	WASTE ARALDITE (EPOXY RESIN)	D001	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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	WASTE		

NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
WPS #: NTST 97P33
Drum Number: DPP-3
Date: 3/31/87
Generator: DuPont - Parlin
Project #: 600[redacted]87
Hazard Class: FLAMMABLE LIQUID
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2x1gal	WASTE KARL FISCHER REAGENTS	D001	
	WASTE contains Pyridine in		
	WASTE methanol		
	WASTE		
1x1oz.	WASTE MILROS 'all FLUX' contains	D001	
	WASTE mildly activated epoxy		
	WASTE resin		
	WASTE		
1x1gal	WASTE SCOTCH ACRYLATE MONOMER	D001	
	WASTE		
1x1qt.	WASTE AMTEX LCP 'SURFACE	NR	
	WASTE ACTIVE AGENT (contains		
	WASTE Fatty acids in alcohol)		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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	WASTE		

NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 14 gal / plastic
Drum Number: DPD 4X
Generator: DuPont - Parlin
Hazard Class: FLAMMABLE LIQUID, NOS

WPS #: NTS-97233
Date: 3/30/87
Project #: 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x1/2 pt	WASTE Toluene	D001	
	WASTE		
1x1 pt	WASTE Pyridine	D001	
	WASTE		
1x8 oz	WASTE Tetra hydro furan	D001	
	WASTE		
1x1 qt	WASTE Ethylene glycol monobutyl	D001	
	WASTE ether		
	WASTE		
1x1 gal	WASTE Ethylene glycol monomethyl	D001	
	WASTE ether		
	WASTE		
1x1 qt	WASTE Ethylene glycol monomethyl	D001	
	WASTE ether		
	WASTE		
1x8 oz	WASTE Pyridine	D001	
	WASTE		
	WASTE		
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DRUM INVENTORY

Page 1 of 1

Drum Type: 16 Gallon Plastic
WPS #: NTS T97223
Drum Number: DPP-4
Date: 3/30/87
Generator: Dupont Parlin NJ
Project #: 6087
Hazard Class: Flammable Liquid
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x Gallon	WASTE 1-Methyl 2 Pyrrolidinone	D001	
2x 1pint	WASTE Ethylene Glycol Monomethyl	D001	
[illegible]	WASTE Ether		
1x1 Gallon	WASTE 2 Diethylaminoethanol	D001	[illegible]
4x ½pint	WASTE Tycel Urethane Adhesive	D001	Contains Toluene
2x 1pint	WASTE Urethane Adhesive	D001	[illegible] and isocyanates
1x1st	WASTE Urethane Adhesive	D001	[illegible] and isocyanates
	WASTE		
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page 1 of 4

Drum Type: 16 GALLON, PLASTIC
WPS #: NTS-797233
Drum Number: DPP-6
Date: 3/30/87
Generator: DUPONT - PARLIN
Project #: 6087
Hazard Class: WASTE FLAMMABLE LIQUID, N.O.S. FLAMM LIQ UN1993
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2X1QT	WASTE DIETHYLAMINOETHANOL	D001	
	WASTE		
1X6OZ	WASTE TETRABUTYLAMMONIUM	D001	
	WASTE HYDROXIDE		
	WASTE		
1X2OZ	WASTE M-CRESOL INDICATOR	NR	
	WASTE		
1X16AL	WASTE ETHANOLAMINE	NR	
	WASTE		
1X21B	WASTE PIGMENT PASTE	NR	
	WASTE		
1X16AL	WASTE PETROLEUM DISTILLATE	NR	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 GALLON, PLASTIC
WPS #: NTS-797233
Drum Number: DPP-7
Date: 9/30/87
Generator: DUPONT - PARLIN
Project #: [redacted] 6087
Hazard Class: WASTE CORROSIVE LIQUID, N.O.S. CORROSIVE MATERIAL UN1760
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2X1½PT	WASTE THIONYL CHLORIDE	D002	
	WASTE		
1X1½PT	WASTE SULFURYL CHLORIDE	D002	
	WASTE		
1X20Z	WASTE TRIETHYLENE GLYCOL DIACRYLATE	D002	
	WASTE		
1X1½lb	WASTE POTASSIUM HYDROXIDE	D002	
	WASTE		
2X1PT	WASTE DIETHANOLAMINE	D002	
	WASTE		
1X1PT	WASTE TRIETHYLENETETRAMINE	D002	
	WASTE		
2X½PT	WASTE LAUROYL CHLORIDE	NR	
	WASTE		
2X1lb	WASTE POTASSIUM BISULFATE	NR	
	WASTE		
1X½lb	WASTE PYROCATECHOL	D002	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
Drum Number: DPD-8
Generator: DuPont - Pardun
Hazard Class: * FLAMMABLE LIQUID

WPS #: NTS-T97233
Date: 3/30/87
Project #: 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X1pt.	WASTE Epichlorohydrin	D003	
	WASTE		
1X1gal	WASTE Triethylamine	D001	
	WASTE		
1X½gal	WASTE Allylamine	D001	
	WASTE		
1X1gal	WASTE Formaldehyde		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 gal
Drum Number: DPD 29
Generator: Dupont - Parlin NJ
Hazard Class: W, Flamm. Liq.

WPS #: NJS-797233
Date: 3-30-87
Project #: 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x1pt	WASTE Xylene	D001	
	WASTE		
	WASTE ~~Organic Peroxide~~		
	WASTE		
2x½gal	WASTE Karl Fisher Reagent	NR	combust
	WASTE		
	WASTE		
1x1pt	WASTE Standard Water in Methanol	D001	
	WASTE		
1x1pt	WASTE Karl Fischer Reagent	NR	combust
	WASTE		
9x1pt	WASTE Acrylic Monomer and	D001	solid
	WASTE polyvinyl resin mixture		
	WASTE		
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	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
Drum Number: DDP-10
Generator: DuPont-Parlin
Hazard Class: Flammable Liquid

WPS #: NTS-T 97233
Date: 3/30/87
Project #: 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
IX 1 gal	WASTE MESITYL OXIDE	D001	
	WASTE		
IX 1 GT	WASTE Pyridine	D001	in Metal can w/ spout
	WASTE		
	WASTE		
IX 1 pt.	WASTE "DESTINE (" SOLVENT AND	D001	
	WASTE THINNER") CONT. Petroleum		
	WASTE distillate		
	WASTE		
IX 1 gt.	WASTE Amyl Alcohol	D001	
	WASTE		
IX 1 gt.	WASTE Ethylene Chloride	D001	
	WASTE		
IX 1 gt.	WASTE Amyl Alcohol	D001	
	WASTE		
IX 1 gt.	WASTE Amyl Alcohol	D001	
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 GAUGE, BASIC
Drum Number: DPP-11
Generator: DUPONT - PARLIN
Hazard Class: HAZARDOUS WASTE SOLID N.O.S.
ORM-E NA9189

WPS #: MS-797233
Date: 4/3/87
Project #: 6085
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1 X 20 #	WASTE VINOL - POLYVINYL ALCOHOL	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
Drum Number: DPP-012
Generator: DuPont - Parlin
Hazard Class: FLAMMABLE LIQUID

WPS #: NJST 972233
Date: 3/10/89
Project #: 6087
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2X 1gt.	WASTE Butyl Alcohol	D001	
	WASTE		
3X 1gt.	WASTE Amyl Alcohol	D001	
	WASTE		
1X 1gt	WASTE Amyl Alcohol	D001	
	WASTE		
1X 250z.	WASTE Butyl Diglycol Carbonate	NR	
	WASTE		
1X 1pt.	WASTE 75% Methyl Alcohol	D001	
	WASTE		
1X 1gal	WASTE "AB DICK" contains	D001	
	WASTE Petroleum distillate and		
	WASTE Chlorinated hydrocarbons		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

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Drum Type: 16 gal / plastic
WPS #: NTS 97233
Drum Number: DPP-13
Date: 6087
Generator: Dupont-Parlin
Project #: 3/30/87
Hazard Class: Flammable Liquid
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x 4oz.	WASTE Castolite hardener (20 gms)	D001	in 1 gal plastic jug
	WASTE M.E.K. peroxide in organic		packed in speedi-dry
	WASTE solvent		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 gal plastic
Drum Number: DRP-14
Generator: Dupont-Parlin
Hazard Class: W, Flamm. Liquid, NOS

WPS #: NTS 197233
Date: 3-30-87
Project #: 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x1qt	WASTE Standard Iodine in Methanol	D001	
	WASTE		
1x1pt	WASTE Karl Fischer Reagent	D001	
	WASTE		
1x½gl	WASTE 3-Amino-1-propanol	NR	Combust.
	WASTE		
7x1qt	WASTE Acrylic Monomer ≡ plying	NR	
	WASTE Resin mixture		
	WASTE		
10x1qt	WASTE Index of Refraction Liquids / EF	NR	combust
	WASTE containing Phenolphthalein,		
	WASTE Methyl Yellow, methyl Red,		
	WASTE Neutral Red, etc +		
	WASTE mineral spirits.		
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DRUM INVENTORY

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Drum Type: 16 GALLON, PLASTIC
WPS #: NTS-197233
Drum Number: DPP-16
Date: 2/30/87
Generator: DUPONT-PARLIN
Project #: 60[illegible]
Hazard Class: WASTE CORROSIVE LIQUID, NOS CORROSIVE MAT UN1760
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X26AL	WASTE ALUMINUM CHLORIDE SOLUTION	D002	
	WASTE		
1X20L	WASTE HYDROIODIC ACID	D002	
	WASTE		
2X½lb	WASTE PHOSPHOTUNGSTIC ACID	D002	
	WASTE		
1X½PT	WASTE ACRYLIC ACID	D002	
	WASTE		
1X1QT	WASTE ACRYLIC ACID	D002	
	WASTE		
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DRUM INVENTORY

Drum Type: 16 Gallon Plastic
Drum Number: DPP-17
Generator: Dupont Parlin NJ
Hazard Class: Hazardous Waste Solid

WPS #: NJS T97223
Date: 3/30/87
Project #: 6088
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1 X 1#	WASTE Potassium Phosphate	NR	
6 X 1#	WASTE Sodium Metaborate	NR	
1 X 1#	WASTE Stearic Acid	NR	
1 X 1#	WASTE Sodium Lauryl Sulfate	NR	
4 X 1#	WASTE Soda Ash	NR	[redacted]
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

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Drum Type: 16 gal / plastic
Drum Number: DPP-18'
Generator: DuPont - PARLIN
Hazard Class: FLAMMABLE LIQUID

WPS #: NTS-T97255
Date: 5/30/87
Project #: 6087
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY		HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X 1gal	WASTE	'AB DICK' Containing Petroleum distillate and Chlorinated Hydrocarbon	D001	
	WASTE			
	WASTE			
	WASTE			
1X 1pt.	WASTE	Pyrrole	D001	
	WASTE			
1X 1gal	WASTE	Pyrrole	D001	
	WASTE			
1X 5oz.	WASTE	Tetramethylethylenediamine	D001	
	WASTE			
1X 1oz	WASTE	Trimethylene Diamine	D001	
	WASTE			
1X 1/2 gal	WASTE	'ZONYL' - FLUORINATED	D001	
	WASTE	SURFACTANT		
	WASTE			
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NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 GALLON PLASTIC
WPS #: NTS-797233
Drum Number: DPP-19
Date: 3/30/87
Generator: DUPONT-PARLIN
Project #: ~~[illegible]~~ 6087
Hazard Class: WASTE CORROSIVE LIQUID, N.O.S. CORR MAT UN1760
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X1lb	WASTE BROMINE	D002	
	WASTE		
3X40g	WASTE PHOSPHORUS PENTOXIDE	D002	
	WASTE		
2X1½lb	WASTE SODIUM HYDROXIDE PELLETS	D002	
	WASTE		
1X500g	WASTE 1,6-HEXANEDIAMINE	D002	
	WASTE		
	WASTE [illegible]		
1X16ML	WASTE ETHANOLAMINES	NR	
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

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Drum Type: 16 gal pl
Drum Number: DPP-20
Generator: Dupont-Pontin
Hazard Class: Waste, Poison B Liquid, NOS

WPS #: NB-T97233
Date: 3-30-87
Project #: 60[illegible]87
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x1qt	WASTE Aniline	U012	
	WASTE		
1x4#	WASTE Zinc Sulfate	NR	
	WASTE		
1x1pt	WASTE ortho-Anisidine	NR	
	WASTE		
1x10th	WASTE 7-Diethylamino-4-methyl coumarin	NR	
	WASTE		
	WASTE		
1x1pt	WASTE Chloroform	U044	
	WASTE		
1x1qt	WASTE Non-ionic water soluble emulsion	NR	
	WASTE		
	WASTE		
1x1/4 ft	WASTE 'Ascarite' - Sodium hydrate asbestos absorbent		
	WASTE		
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DRUM INVENTORY

Page 1 of 1

Drum Type: 16 Gallon Plastic
WPS #: NTS-T97223
Drum Number: DPP-21
Date: 3/31/87
Generator: Dupont Parlin NS
Project #: 60[illegible] 87
Hazard Class: Flammable Liquid
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x1 Gallon	WASTE Red Primer	D001	Contains MEK
1x1 Gallon	WASTE Paint	D001	Contains MEK
1x1 Gallon	WASTE High Gloss Clear Epoxy	D001	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 gal pl.
Drum Number: DRP-32
Generator: Depot Parlin
Hazard Class: W, PBL, mix

WPS #: NJS-797233
Date: 3-30-87
Project #: [redacted]
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
[redacted]	WASTE [redacted]	[redacted]	
	WASTE		
3x1#	WASTE Potassium Ferricyanide	NR	
	WASTE		
3x25 gm	WASTE m-Dinitrobenzene	NR	
	WASTE		
1x100 gm	WASTE 2,6-Dimethylphenol	NR	
	WASTE		
1x50 gm	WASTE Sodium Formaldehyde Bisulfite	NR	
	WASTE		
1x 400 gm	WASTE 1-Naphthylamine	U167	
	WASTE		
2x 4oz	WASTE O-Anisidine	NR	
	WASTE		
1x 250 gm	WASTE 3-Amino-1H-1,2,4-Triazole	NR	
	WASTE		
1x 10 gm	WASTE 1,3-Propane Sultone	NR	
	WASTE		
1x 1#	WASTE Ethylene thiourea		
	WASTE		
1x100 gm	WASTE N-Phenyl p-phenylene diamine	NR	
	WASTE		
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DRUM INVENTORY

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Drum Type: 16 gal / plastic
Drum Number: DPP-23
Generator: DuPont - PARLIN
Hazard Class: FLAMMABLE LIQUID

WPS #: NTS-T97233
Date: 3/31/87
Project #: ~~[illegible]~~ 6087
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2X1gal	WASTE KARL FISCHER REAGENT	D001	
	WASTE contains Pyridine		
	WASTE		
1X1qt.	WASTE 'AVITEX DN' Antistat		
	WASTE Softener contains polyethylene	D001	
	WASTE Glycol		
	WASTE		
1X1qt.	WASTE Anthraquinone Dye	D001	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

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Drum Type: Steel/plastic
Drum Number: DPP-25
Generator: Dibart - PARLIN
Hazard Class: FLAMMABLE LIQUID

WPS #: NHS-T97233
Date: 3/31/97
Project #: 6087

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x1gal	WASTE Acrylonitrile	D001	
	WASTE		
1x½gal	WASTE "MELCELL" contains acrylate	D001	
	WASTE monomer		
	WASTE		
1x1gt.	WASTE "VARSTAT 66" contains	D001	
	WASTE PETROLEUM DISTILLATES		
	WASTE		
1x¾gt	WASTE "MILROS 611 FLUX" contains	D001	
	WASTE mildly activated Epoxy		
	WASTE Resin		
	WASTE		
1x1gt	WASTE AQUEOUS based oil	D001	
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NR — Non Regulated

NTS T97223

DRUM INVENTORY

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Drum Type: 16 Gallon Plastic

WPS #: [redacted]

Drum Number: DPP-26

Date: ~~[illegible]~~ 3/31/87

Generator: Dupont Parlin NJ

Project #: ~~[illegible]~~ 6087

Hazard Class: ORM E

Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x 5#	WASTE Sodium Citrate	NR	
1x 10#	WASTE Potassium Iodide	NR	
8x 1#	WASTE Sulfur		ORM C
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 Gallon Plastic
WPS #: NTS T97223
Drum Number: DPP-28
Date: 3/31/87
Generator: Dupont Parlin NJ
Project #: ~~[illegible]~~ 6087
Hazard Class: Flammable Liquid
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x16 gallon	WASTE Epoxy Resin	D001	
1x16 gallon	WASTE Castolite - AP	NR	Hardened Acrylic Polyester
	WASTE		Resin
2x10+	WASTE Polybd Resins		Polybutadiene, Hydroxyl
	WASTE		Terminated
2x10+	WASTE Eastman FPY		Water Dispersible
	WASTE		Polyester
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 GAUGE, PLASTIC
WPS #: MIS-19233
Drum Number: DP-30
Date: 3/31/97
Generator: DURANT-PARLIN
Project #: [illegible] 6087
Hazard Class: WASTE CORROSIVE LIQUID, NOS, CORR MAT UN1760
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1 X 1/4	WASTE MICRO-STRIP ARS	0000	
	WASTE CHROMIC-SULFURIC-CLEANING		
	WASTE SODIUM HYDROXIDE		
	WASTE		
1 X 1/4	WASTE TRIETHYLAMINE	NR	
	WASTE		
1 X 1/4	WASTE ETHYLENEDIAMINE	NR	
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 GALLON, PLASTIC
WPS #: NTS-197233
Drum Number: DPP-31
Date: 3/31/87
Generator: DUPONT-PARLIN
Project #: ~~[illegible]~~ 6087
Hazard Class: WASTE CORROSIVE SOLIDNOS CORR MAT UN1760
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
[illegible]	WASTE POTASSIUM HYDROXIDE	D002	
1X½PT	WASTE PELLETS		
1X GAL	WASTE ETHANOLAMINE	NR	
	WASTE		
1X 1½PT	WASTE ETHYLENE GLYCOL	NR	
	WASTE		
1X1½PT	WASTE 2-METHOXYETHYL ACETATE	NR	
	WASTE		
	WASTE		
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N.R — Non Regulated

DRUM INVENTORY

Drum Type: 16 GALLON, PLASTIC
WPS #: NTS-T97233
Drum Number: DPP-32
Date: 3/31/87
Generator: DUPONT - PARLIN
Project #: [redacted] 6087
Hazard Class: CORROSIVE LIQUID
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X1lb	WASTE BROMINE	D002	
	WASTE		
[illegible]	WASTE [illegible]		
	WASTE		
1X16AL	WASTE LIME SOL - LIME	D002	
	WASTE SCALE REMOVER (CONTAINS		
	WASTE PHOSPHORIC ACID)		
	WASTE		
1X1lb	WASTE KODAK DEVELOPER - CONTAINS	D002	
	WASTE SULFAMIC ACID		
	WASTE		
1X60%	WASTE METHANESULFONIC ACID	D002	
	WASTE		
2X40%	WASTE PHOSPHORUS PENTOXIDE	D002	
	WASTE		
4X1lb	WASTE ZINC CHLORIDE	NR	
	WASTE		
2X40%	WASTE PHOSPHORIC ACID SOLUTION	D002	
	WASTE 50% PHOSPHORIC ACID		
	WASTE 15% WATER		
	WASTE 5% BUTYL ALCOHOL		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 GALLON PLASTIC
WPS #: HTS-197233
Drum Number: DPP 33
Date: 3/31/87
Generator: DUPONT-PARLIN
Project #: 6087
Hazard Class: WASTE CORROSIVE LIQUID, N.O.S. CORR MAT UN1760
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
[illegible]	WASTE [illegible]	NR	
	WASTE		
2X 1/2 PT	WASTE CAUSTIC SOLUTION	002	
	WASTE (SODIUM HYDROXIDE)		
	WASTE		
1X 1/4 lb	WASTE KALIUM CHROM (III) - SULFATE	NR	
	WASTE $KCR(SO_4)_2 \cdot 12H_2O$		
2X 1/4 lb	WASTE		
	WASTE TINUVIN - UV ABSORBER	NR	
	WASTE [2-12'-HYDROXY-5'-METHYL-		
	WASTE PHENYL) BENZOTRIAZOLE]		
	WASTE		
1X 50 oz	WASTE ETHANOX 376 - ANTIOXIDANT	NR	
	WASTE (OCTADECYL 3,5 DI-TERT-		
	WASTE BUTYL 4-HYDROXYHYDROCINN-		
	WASTE AMATE)		
	WASTE		
3X 8 oz	WASTE IRGANOX - HIGH MOLECULAR	NR	
	WASTE WEIGHT STABILIZER		
	WASTE (A HINDERED PHENOL		
	WASTE COMPOUND)		
	WASTE		
1X 60 oz	WASTE 2-ETHYLANTHRAQUINONE	NR	
	WASTE		
1X 20 oz	WASTE IGEPAL - NONIONIC	NR	
	WASTE SURFACTANT		
	WASTE		
1X 20 oz	WASTE ANTHRAQUINONE DYE*	NR	
1X 1 lb	WASTE 2-POLYSTYRYLETHYL METHACRYLATE	NR	

NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 GALLON, PLASTIC
WPS #: NTS-797233
Drum Number: DPP-34
Date: 3/31/87
Generator: DUPONT - PARLINE
Project #: ~~[illegible]~~ 6087
Hazard Class: [illegible]
Manifest #:

WASTE CORROSIVE LIQ, N.O.
[illegible] CORR MAT UN1760

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
[illegible]	WASTE [illegible]	[illegible]	
	WASTE		
1X16 ML	WASTE ETHANOLAMINE	NR	
	WASTE		
1X 25g	WASTE NINHYDRIN	NR	
	WASTE		
1X½ PT	WASTE 1,1,3,3-TETRAMETHOXY	NR	
	WASTE PROPANE		
	WASTE		
2X¾ lb	WASTE FERRIC CHLORIDE	D002	
	WASTE		
1X1 lb	WASTE FERROUS CHLORIDE	D002	
	WASTE		
1X½ lb	WASTE ZINC CHLORIDE	NR	
	WASTE		
1X4 oz	WASTE TITANIUM TETRACHLORIDE	D002	
	WASTE		
1X4 lb	WASTE AMBERLITE - [illegible] EXCHANGE	NR	
	WASTE RESIN		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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	WASTE		

NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 GALLON PLASTIC
WPS #: NTS-797233
Drum Number: DPP-35
Date: 3/31/87
Generator: DUPONT - PARLIN
Project #: ~~[illegible]~~ 6087
Hazard Class: WASTE COMBUSTIBLE LIQ HAZ COMBUSTIBLE LIQ NA1993
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X 16 GAL	WASTE 2-(2-ETHOXY-ETHOXY) ETHYL	NR	
	WASTE ACETATE		
	WASTE		
2X 16 GAL	WASTE ETHANOLAMINE	NR	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 Gallon Plastic
Drum Number: DPP-37
Generator: Dupont Parlin NJ
Hazard Class: Hazardous Waste Solid N.O.S.

WPS #: NJST9723
Date: 3/31/87
Project #: [redacted] 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
7x1 FT	WASTE Ammonium Chloride	NR	
1x5 FT	WASTE Zinc Stearate	NR	
1x5 FT	WASTE Ferric Sulfate	NR	
1x5 FT	WASTE Sodium Phosphate	NR	
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
Drum Number: DPP-38
Generator: DuPont - PARLIN
Hazard Class: FLAMMABLE LIQUID

WPS #: NTS-T97233
Date: 3/31/87
Project #: (WPS) 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2X 1gal	WASTE Ethylene Glycol monomethyl ether	D001	
	WASTE		
	WASTE		
1X 90z.	WASTE Acetaldehyde		[redacted]
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
Drum Number: DPP-39
Generator: DuPont - Parlin
Hazard Class: FLAMMABLE LIQUID

WPS #: NJS-T97233
Date: 3/31/87
Project #: [redacted] 6087
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X16gal	WASTE [redacted] ACRYLIC RESIN	D001	
	WASTE		
1X1pt.	WASTE Glyoxal (30% in water)	NR	
	WASTE		
1X1gt.	WASTE Aqueous solution containing	D001	
	WASTE 0-75% Toluene		
	WASTE		
1X1pt.	WASTE [redacted] ADHESIVE	D001	
	WASTE		
1X1gal	WASTE "BAKELITE" EPOXY RESIN		IN blank wrapper
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 Gallon Plastic
WPS #: NTS - T 97233
Drum Number: DPP - 40
Date: 3/31/87
Generator: Dupont Parlin NJ
Project #: ~~[illegible]~~ 6087
Hazard Class: Hazardous Waste Solid NSS ORME
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x5#	WASTE Ferric Sulfate	NR	
1x2#	WASTE Zinc Stearate	NR	
1x1#	WASTE Ammonium Chloride	NR	
1x1 Pint	WASTE Ammonium Chloride Soln	NR	Aqueous
2x1#	WASTE Ferrous Sulfate	NR	
7x1#	WASTE [illegible] Chromium Potassium Sulfate	NR	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 gal pl
WPS #: NTS-T97233
Drum Number: DPP 41
Date: 3-30-87
Generator: Dupont Parlin
Project #: 6087
Hazard Class: WPB 5, NOS
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x 1/4 #	WASTE 1-Naphthylamine	U167	
	WASTE		
2x 50 gm	WASTE Dinitrobenzene	NR	
	WASTE		
1x 1 qt	WASTE Benzaldehyde		
	WASTE		
1x 2#	WASTE Vanochrome " " derivative of p-	NR	
	WASTE phenylene diamine		
	WASTE		
2x 1/4 #	WASTE p-phenylene diamine	NR	
1x 1#	WASTE " " " "	"	
2x 1#	WASTE p-Benzoquinone	ND	
	WASTE		
2x 2 gm	WASTE Cadmium metal strip	D005	
	WASTE		
2x 1#	WASTE Pyrogallol	NR	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
Drum Number: DPP-43
Generator: DuPont - PARLIN
Hazard Class: FLAMMABLE LIQUID

WPS #: NJSF 9233
Date: 5/31/87
Project #: ~~[illegible]~~ 6087
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1 x 1qt.	WASTE Epoxy Resin	D004	
	WASTE		
1 x 1 gal	WASTE RISTRAL solution in	D001	
	WASTE 35% Toluene		
	WASTE		
1 x 1 gal	WASTE Cement Adhesive	D001	
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N.R — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
Drum Number: DPP-[redacted] 45
Generator: DuPont - PARLIN.
Hazard Class: FLAMMABLE LIQUID

WPS #: NJS-T97253
Date: 3/31/87
Project #: [redacted] 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X1 gal	WASTE Cement Adhesive	D001	
	WASTE		
1X1/2 gal	WASTE "RISTON" IN toluene	D001	
	WASTE		
2X1 gt.	WASTE INDUSTRIAL FINISH	D001	
	WASTE contains Petroleum		
	WASTE distillates		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 Gallon Plastic
Drum Number: DPP - 46X
Generator: Dupont Parlin NJ
Hazard Class: Poison B Solid

WPS #: NJST 97233
Date: 3/3/97
Project #: ~~6087~~ 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x1 A	WASTE Ethylenediaminetetra	NR	
	WASTE Acetic Acid		
2x2 B	WASTE Mercuric Chloride	D009	
1x1 C	WASTE Zinc Sulfate	NR	
2x1 F	WASTE Cadmium Chloride	D006	
1x1 H	WASTE Zirconium Chloride	NR	
1x1 D	WASTE Cadmium Sulfide	D006	
1x1 E	WASTE Barium Bromide	D005	
1x1 G	WASTE Aluminum Chloride	NR	
3x1 I	WASTE Sodium Phosphate	NR	
2x1 K	WASTE Ferrous Sulfate	NR	
1x1 P	WASTE Cadmium Acetate	D006	
1x1 J	WASTE Chromium Potassium Sulfate	D007	
3x1/2 D	WASTE Cadmium Sulfide	D006	
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NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 GALLON, PLASTIC
WPS #: NTS-797233
Drum Number: DPP-48
Date: 3/31/87
Generator: DUPONT-PARLIN
Project #: 6087
Hazard Class: WASTE FLAMMABLE LIQ, N.O.S. FLAMM LIQ UN1993
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X3lb	WASTE REXYN-101 ION EXCHANGE	NR	
	WASTE RESIN		
	WASTE		
1X2lb	WASTE STEARIC ACID	NR	
	WASTE		
2X1QT	WASTE AVITONE - DYEING ASSISTANT	NR	
	WASTE CONTAINS HYDROCARBON		
	WASTE SODIUM SULFONATES		
	WASTE		
2X1QT	WASTE AVITEX - NON-IONIC	NR	
	WASTE SURFACTANT		
	WASTE		
2X1½PT	WASTE ETHYLENE DIPROPIONATE	NR	
	WASTE		
2X½PT	WASTE ETHYL GLYCOLATE	NR	
	WASTE		
1X1PT	WASTE 2-(2-ETHOXYETHOXY)ETHANOL	NR	
	WASTE		
1X1QT	WASTE ETHYLENE GLYCOL MONO-	NR	
	WASTE METHYL ETHER ACETATE		
	WASTE SOLUTION		
	WASTE		
4X20oz	WASTE ETHYL MERCAPTAN	DOD	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 GALLON, PLASTIC
WPS #: MIS-T97233
Drum Number: DPP-49
Date: 3/31/87
Generator: DUPONT-PARLIN
Project #: ~~[illegible]~~ 6087
Hazard Class: WASTE COMBUSTIBLE LIQUID, NA 1993
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2X 1lb	WASTE 4,4-OXYBIS (BENZENE SULFONYL	NR	
	WASTE (HYDRAZIDE)		
	WASTE		
1X1 GAL	WASTE DIOCTYL PHTHALATE	NR	
	WASTE		
1X2lb	WASTE P-METHOXYPHENOL		
	WASTE		
5X1PT	WASTE 2-(2-ETHOXYETHOXY)ETHANOL		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 Gallon Plastic
WPS #: NTS T97233
Drum Number: DPP-[illegible]5.1
Date: 3/31/87
Generator: Dupont Parlan NJ
Project #: [illegible] 6087
Hazard Class: Hazardous Waste Solid N.O.S ORME
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
36x1/2 IN	WASTE Azo Dyes	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 GAL, PLASTIC
WPS #: NTS-197233
Drum Number: DPP-52
Date: 3/31/87
Generator: DUPONT-PARLIN
Project #: ~~[illegible]~~ 6087
Hazard Class: WASTE FLAMMABLE LIQUID, N.O.S. FLAMM LIQ UN1993
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X1PT	WASTE TETRAETHYLENE GLYCOL	NR	
	WASTE DIMETHACRYLATE		
	WASTE		
1X1QT	WASTE MONOCHLOROBENZENE	D001	
	WASTE		
1X1PT	WASTE DIETHYL OXALATE	NR	
	WASTE		
2X1QT	WASTE ETHYLENE GLYCOL MONO-	[illegible]	
	WASTE METHYL ETHER ACETATE	D001	
	WASTE	D001	
1X1PT	WASTE CYCLOHEXANONE	[illegible]	
[illegible]	WASTE [illegible]		
	WASTE		
1X1PT	WASTE 2-METHOXYETHANOL	NR	
	WASTE		
2X1PT	WASTE ETHYLENE GLYCOL	D001	
	WASTE MONOETHYL ETHER		
	WASTE		
1X950ML	WASTE SUCCINIC ACID	NR	
	WASTE		
1X1lb	WASTE SODIUM THIOSULFATE	NR	
	WASTE		
1X½lb	WASTE PHENOTHIAZINE	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

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Drum Type: 16 Gallon Plastic
WPS #: NTS-T 97233
Drum Number: DPP-54
Date: 3/31/87
Generator: Dupont Berlin NJ
Project #: ~~[illegible]~~ 6087
Hazard Class: ORM A
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
7X1LB	WASTE Pottasium Dichromate	NR	ORMA
	WASTE		
2X1LB	WASTE Sodium Dichromate	NR	ORMA
	WASTE		
1X1LB	WASTE Potassium Chromate	NR	
	WASTE		
1X5#	WASTE Ammonium Chloride	NR	
	WASTE		
1X5#	WASTE Aluminum Sulfate	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 Gallon Plastic
WPS #: NTS T97233
Drum Number: DPP-58
Date: 4/1/87
Generator: Dupont Parlin NJ
Project #: ~~[illegible]~~ 6087
Hazard Class: Flammable Liquid
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
10 x 1QT	WASTE Ethylene Glycol	D001	
	WASTE Monomethy Ether		
	WASTE		
3 x 1QT	WASTE Ethylene Glycol	D001	
	WASTE Monomethyl Ether		
	WASTE		
1 x 1QT	WASTE Paint Thinner	D001	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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	WASTE		

NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 Gallon Plastic
WPS #: NTST 97233
Drum Number: DPP-59
Date: 4/1/87
Generator: Dupont Parlin NJ
Project #: ~~[illegible]~~ 6087
Hazard Class: Flammable Liquid
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2x1 Qt	WASTE Ethylene Glycol	D001	
	WASTE monoethyl ether acetate		
1x1 pint	WASTE Benzaldehyde		Combustible
1x1 Qt	WASTE Ethylene Glycol Monoethyl		Combustible
	WASTE Ether		
1x1 pint	WASTE Poly (Methylacrylate) 25 Solids		Contains Toluene
1x1 Qt	WASTE Acrylic Resin		Combustible
1x1 pint	WASTE Glycerol & Y Dibromohydrin		Combustible
1x1 [illegible]	WASTE Antex PN (Antistat		Combustible
	WASTE Solvent)		
5x1/2 pint	WASTE Tyzor TOT		Organic Titanate
2x1 pint	WASTE 2 Methoxyethanol	D001	
1x1/2 pint	WASTE A-1100 Silane		Silicone Mixture
2x1 pint	WASTE Ethylene Glycol Monoethyl Ether	D001	
1x1/2 pint	WASTE N,N Diethylhydroxylamine		Combustible
1x1/4 pint	WASTE Diethyl Oxalate		Combustible
1x1/4 pint	WASTE 2-Aminoheptane		Combustible
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 GALLON, PLASTIC
WPS #: NTS-T97233
Drum Number: DPP-60
Date: 4/1/87
Generator: DUPONT - PARLIN
Project #: 60087
Hazard Class: WASTE CORROSIVE LIQUID, N.O.S.
Manifest #:
CORR MAT UN1760

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2x½lb	WASTE BROMINE	D002	
	WASTE		
1x2lb	WASTE SODIUM THIOSULFATE	NR	
	WASTE		
1 5lb	WASTE SULFAMIC ACID	NR	
	WASTE		
1x½lb	WASTE UREA CRYSTALS	NR	
	WASTE		
1x500g	WASTE ZEIN (CORN)	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 gal pl.
Drum Number: DPPs 61
Generator: Dupont - Parlin
Hazard Class: WPB, nos

WPS #: NTS-T97233
Date: 3-30-87
Project #: 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x 1/2#	WASTE Sodium Cyanide	P106	
	WASTE		
2x 48gm	WASTE Dinitrobenzene	NR	
	WASTE		
1x 6oz	WASTE Lead acetate solution	D008	
	WASTE containing 1000 ppm lead		
	WASTE		
2x 2oz	WASTE Morpholene	NR	
	WASTE		
2x 2gm	WASTE 3-(4-Phenyl-2-Pyridyl)-5,6-	NR	
	WASTE diphenyl-1,2,4-Triazine		
	WASTE		
1x 3oz	WASTE Epoxy hardener containing	NR	
	WASTE aliphatic amines		
	WASTE		
1x 2#	WASTE Copper(ous) Cyanide	P029	
	WASTE		
	WASTE		
1x 3#	WASTE Sodium Carbonate	NR	
	WASTE		
1x 32gm	WASTE Molding Wax	NR	
	WASTE		
1x 1/4#	WASTE Zapon Red - Organo-Azo dye	NR	
2x 1/4#	WASTE " " " "	"	
1x 1/4#	WASTE 3-21' - Chrome based dye	D007	
	WASTE		
1x 1/4#	WASTE 2-Mercapto pyrimidine	NR	
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16gal/plastic
Drum Number: DPP-62
Generator: DuPont-PARLIN
Hazard Class: POISON B, [redacted] LIQUID

WPS #: NTS-T97233
Date: 4/2/87
Project #: 60[redacted]87
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X5lb	WASTE Potasium metabisulfite	NR	
	WASTE		
1XD02.	WASTE Dinitro benzene	NR	
	WASTE		
1X2.1b	WASTE Potassium Acetate	NR	
	WASTE		
1X1b	WASTE Polysaccharide	NR	
	WASTE		
1X902.	WASTE Succinic Anhydride	NR	
	WASTE		
1X502.	WASTE Tetra butylammonium	NR	
	WASTE Iodide		
	WASTE		
1X1002	WASTE Bromo Thymol Blue	NR	
	WASTE Indicator		
	WASTE		
1X1502	WASTE Copper 8-Quinolinol [redacted]	NR	
	WASTE		
1X1lb	WASTE Sodium Azide	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 GAL, PLASTIC
WPS #: HTS-T97233
Drum Number: DPP-64
Date: 4/1/87
Generator: DUPONT PARLIN
Project #: ~~[illegible]~~ 6087
Hazard Class: WASTE FLAMMABLE LIQUID, N.O.S.
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X250g	WASTE CELLULOSE ACETATE	D001	
2X50g	WASTE FUROIN	NR	
4X50g	WASTE PRIMING TNK	D001	
	WASTE		
1X400g	WASTE 2,5-DIHYDROXYBENZENE-	NR	
	WASTE SULFONIC ACID		
2X100g	WASTE CHLORANIL	NR	
1X250g	WASTE ETHYL CARBAMATE	NR	
	WASTE		
1X150g	WASTE P-(BENZYLOXY)PHENOL	NR	
	WASTE		
2X300g	WASTE MONO METHYL ETHER	D001	
	WASTE HYDROQUINONE		
	WASTE		
1X250g	WASTE 2,3-DIHYDROXYNAPHTHALENE-	NR	
	WASTE 6-SULFONIC ACID		
	WASTE SODIUM SALT		
1X1PT	WASTE DIMETHYL HEXAHYDRO-TEREPHTHALATE	NR	
2X200g	WASTE 1-HYDROXY-2-NAPHTHOLIC ACID	NR	
1X70g	WASTE 4-AMINOBENZOPHENONE	NR	
1X100g	WASTE DINITROANILINE	NR	
	WASTE		
1X300g	WASTE DIMETHYL TEREPHTHALATE	NR	
	WASTE		
1X200g	WASTE MONO BUTYL ITACONATE	NR	
	WASTE		
1X200g	WASTE MONO METHYL ITACONATE	NR	
	WASTE		
1X150g	WASTE TETRABROMOBISPHENOL A	NR	

NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
Drum Number: DPP-65
Generator: DuPont - PARLIN
Hazard Class: POISON B, SOLID, N.O.S. POISON B UN2811

WPS #: NJS-T97233
Date: 4/1/87
Project #: [redacted] 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X16oz.	WASTE [redacted] Benzoic Acid	NR	
	WASTE		
1X1lb	WASTE Dimethyl Formamide	NR	
	WASTE		
3X32.	WASTE [redacted] Nitrobenzene	NR	
	WASTE		
1X5oz.	WASTE Duponol Fluorinated	NR	
	WASTE Surfactant		
	WASTE		
1X5 02.	WASTE Dinitro benzene	NR	
	WASTE		
1X2lb	WASTE DODECYL SULFATE, SODIUM	NR	
	WASTE SALT		
	WASTE		
1X1lb	WASTE 1-PHENYL-3 PYRAZOL-	NR	
	WASTE PYRAZOLONE		
	WASTE		
1X1lb	WASTE ALUMINUM SILICATE	NR	
	WASTE		
1X2LN	WASTE N-METHYL-2-PYRROLIDONE	NR	
	WASTE		
	WASTE		
	WASTE		
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	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

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Drum Type: 16 gal / plastic
Drum Number: DPP-66
Generator: DuPont - PARLIN
Hazard Class: ~~Flammable~~ ORM-E

WPS #: NTS-T 97233
Date: 4/2/87
Project #: ~~6087~~ 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x1lb	WASTE Sodium Oleate	NR	
	WASTE		
1x1lb	WASTE Nickel Acetate	NR	
	WASTE		
1x17.6oz	WASTE TARTRAZINE	NR	
	WASTE		
1x1lb	WASTE Nickel Acetate	NR	
	WASTE		
1x17oz.	WASTE Hydroquinone	NR	
	WASTE		
1x8oz	WASTE 4-4' Diamino Benzophenone	NR	
	WASTE		
1x100z	WASTE Benzoylacrylic Acid	NR	
	WASTE		
1x2lb	WASTE Benzophenone	NR	
	WASTE		
	WASTE		
	WASTE		
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	WASTE		

NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 GALLON, PLASTIC
WPS #: MS-T97233
Drum Number: DPP-68
Date: 4/1/87
Generator: DUPONT-PARLIN
Project #: ~~[illegible]~~ 6087
Hazard Class: WASTE CORROSIVE LIQUID, N.O.S. CORR MAT UN1760
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1 X 1lb	WASTE BROMINE	D002	
	WASTE		
1X10lb	WASTE SODIUM CARBONATE	NR	
	WASTE		
1X ½PT	WASTE SODIUM CARBONATE IN WATER	NR	
	WASTE		
1X100g	WASTE CALCIUM CARBONATE	NR	
	WASTE		
1X100g	WASTE AMMONIUM CHLORIDE	NR	
	WASTE		
1X1lb	WASTE SODIUM SULFHYDRATE	D002	
	WASTE		
1X½lb	WASTE SODIUM CARBONATE	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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	WASTE		

NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 GALLON, PLASTIC
WPS #: NTS-797233
Drum Number: DPP-69
Date: 4/1/87
Generator: DUPONT-PARLIN
Project #: ~~6068~~ 6087
Hazard Class: WASTE POISON B SOLID, N.O.S. POISON B UN2811
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X100g	WASTE DINITROBENZENE	NR	
	WASTE		
1X250g	WASTE 1-ETHYLCARBONATE-2-NAPHTHA-	NR	
	WASTE LENE-SULFONYL CHLORIDE		
	WASTE		
1X25g	WASTE 4-HYDROXY-2-METHYLQUINOLINE	NR	
	WASTE		
1X30z	WASTE 4,4-DI-n-BUTYLACETAMIDE	NR	
	WASTE		
1X30z	WASTE TRIALLYL CITRATE	NR	
	WASTE		
3X40z	WASTE ALUMINUM/AURINTRICAR-	NR	
	WASTE BOXYLIC ACID, AMMONIUM		
	WASTE SALT		
	WASTE		
1X35g	WASTE NINYDRIN	NR	
	WASTE		
1X11b	WASTE ANTHRAQUINONE DYE	NR	
	WASTE		
1X20z	WASTE ETHYLIDENE DIACETATE	NR	
	WASTE		
1X40z	WASTE DIETHYL ETHYLPHOSPHONATE	NR	
	WASTE		
1X20z	WASTE 1,3-DIPHENYL-2-PROPANONE	NR	
	WASTE		
1X1MAC	WASTE CONTAMINATE TYPES?	NR	
	WASTE GLOBES		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 GALLON, PLASTIC
WPS #: NTS797283
Drum Number: DPP-72X
Date: 4/1/87
Generator: DUPONT - PARLIN
Project #: ~~6068~~ 6087
Hazard Class: WASTE POISON B, SOLID, N.O.S. POISON B UN2811
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X100g	WASTE DINITROBENZENE	NR	
	WASTE		
1X1PT	WASTE FS-1265 - FLUROSURFACTANT	NR	
	WASTE		
1X350g	WASTE MERCAPTOBENZOTHIAZOLE	NR	
	WASTE		
1X500g	WASTE BENZOIC ACID	NR	
	WASTE		
1X150g	WASTE ACID NAPHTHOLDISULPHONE	NR	
	WASTE		
1X50g	WASTE 1-NAPHTHALENESULFONIC	NR	
	WASTE ACID		
	WASTE		
1X25g	WASTE 1,2-DIHYDRONAPHTHALENE	NR	
	WASTE		
1X500g	WASTE ACRYLIC RESIN	NR	
	WASTE		
1X25lb	WASTE SODIUM THIOSULFATE	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16gal / plastic
Drum Number: DPP-73
Generator: DuPont-PARLIN
Hazard Class: Poison B, Solid

WPS #: NJS-T97233
Date: 4/1/87
Project #: ~~6088~~ 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X1lb	WASTE Sodium Oleate	NR	
	WASTE		
1X17oz	WASTE Aminobenzoic Acid	NR	
	WASTE		
1X10oz	WASTE Aminobenzoic Acid	NR	
	WASTE		
3X3oz	WASTE Gallocyanine	NR	
	WASTE		
1X100gms	WASTE Dinitroaniline	NR	
	WASTE		
1X3oz	WASTE Gallocyanine	NR	
	WASTE		
26X4oz	WASTE Anthraquinone Dyes	NR	
	WASTE		
1X3oz	WASTE LYSINE Monohydrochloride	NR	
	WASTE		
1X4oz	WASTE 1-Naphthylamine	U167	
	WASTE		
1X½lb	WASTE Sodium Thiosulfate	NR	
	WASTE		
1X1lb	WASTE Thenidone	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
WPS #: NTS-T97233
Drum Number: DPP-76
Date: 4/1/87
Generator: DuPont · Parlin
Project #: ~~[illegible]~~ 86087
Hazard Class: FLAMMABLE LIQUID
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X1 pt.	WASTE Bis[2-(2-methoxy-ethoxy)	D001	
	WASTE ethyl] ether		
	WASTE		
1X1 pt.	WASTE Glyoxal, (30% water)	D001	
	WASTE		
4X1 pt.	WASTE Bis(2-methoxyethyl) ether	D001	
	WASTE		
1X2 oz.	WASTE CYCAT 4040	D001	
	WASTE Sulfonic Acid in Isopropanol		
	WASTE		
	WASTE 565 Solvent cleaner - azeotropic	D001	
	WASTE blend of high purity organic solvents		
	WASTE		
1X100 gm	WASTE Dinitroaniline	NR	
	WASTE		
	WASTE		
1X8 oz	WASTE Epoxy Resin in methylene	NR	
	WASTE chloride		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type	16 Gallon Plastic	WPS #	NTS T97233
Drum Number	DPP- [redacted] 77	Date	4/3/87
Generator	Dupont Parlin NJ	Project #	~~6088~~ 6087
Hazard Class	Flammable LIQUID	Manifest #	

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X 1QD	WASTE 50 50 mix Tore, isopropyl	D001	
	WASTE alcohol and Acetone		
	WASTE		
1X1 pint	WASTE Ethyl Alcohol	D001	
	WASTE		
[redacted]	WASTE		
22 X	WASTE 50/50 mixture		Combustible
2 Fluid Oz	WASTE Butyl Alcohol Perchloroethylene		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

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Drum Type: 16 gal/plastic
Drum Number: DPP-79
Generator: DuPont - PARLIN
Hazard Class: POISON B, LIQUID

WPS #: NJS-T97233
Date: 4/2/87
Project #: ~~[illegible]~~ 86087
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2X1 lb	WASTE Starch	NR	
	WASTE		
1X1 lb	WASTE Phenothiazine	NR	
	WASTE		
1X1 lb	WASTE Phenothiazine	NR	
	WASTE		
1X1 lb	WASTE Phenolphthalein	NR	
	WASTE		
1X1 lb	WASTE Succinic Anhydride	NR	
	WASTE		
1X2 oz.	WASTE Phenol	U188	
	WASTE		
2X10 oz.	WASTE Glutaric Acid	NR	weak acid
	WASTE		
1X2 oz.	WASTE Glutaric anhydride	NR	
	WASTE		
1X1 oz.	WASTE Indigo dye	NR	
	WASTE		
4X8 oz.	WASTE Anthraquinone dyes	NR	
	WASTE		
1X17 oz.	WASTE Dinitro aniline		
	WASTE		
1X2 oz.	WASTE Diethyl ethylphosphonate	NR	
	WASTE		
2X4 oz.	WASTE Lysine Monohydrochloride	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal/plastic
WPS #: NTS-797833
Drum Number: DPP-83
Date: 4/2/87
Generator: DuPont - PARLIN
Project #: ~~[illegible]~~ 6087
Hazard Class: POISON B ~~[illegible]~~ LIQUID
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X5lb	WASTE Sulfamic Acid	NR	
	WASTE		
1X100g	WASTE Dinitrobenzene	NR	
	WASTE		
1X1pt.	WASTE Oxybis benzenesulfonyl	NR	
	WASTE hydrazide		
	WASTE		
1X5oz.	WASTE Anthraquinone dye	NR	
	WASTE		
1X5lb	WASTE Ammonium Thiocyanate	NR	
	WASTE		
	WASTE		
	WASTE		
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	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

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Drum Type: 16 gal / plastic
WPS #: NTS-T60337
Drum Number: DPP-85
Date: 4/3/87
Generator: DUPONT-PARLIN
Project #: 6087
Hazard Class: HAZARDOUS WASTE SOLID, NR
Manifest #: ____

ORME NA9189

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X8LBS	WASTE Parlon-5-5	NR [redacted]	CHLORINATED
	WASTE		Polypropylene
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 55gal / 17H
Drum Number: DPP-85-1
Generator: DuPont_PARLIN
Hazard Class: COMBUSTIBLE LIQUID

WPS #: NTS-T97233
Date: 4/2/87
Project #: ~~[illegible]~~ 86087
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X5 gal	WASTE TRIETHylene Glycol	NR	[redacted] CHARGE # 85-1A
	WASTE		
1X5 gal	WASTE Diethanolamine	NR	#85-1B
	WASTE		
	WASTE ~~N-methyl-2-pyrrolidone~~		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 55gal / DH

Drum Number: DPP-85-2

Generator: DuPont - PARLIN

Hazard Class: Combustible, Liquid

WPS #: NJS-T97233

Date: 4/2/87

Project #: ~~[illegible]~~ 6087

Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X5gal	WASTE Alkyd-based Printing Ink	NR	C-# 85-2A
	WASTE		
	WASTE		
[illegible]	WASTE		
1X5gal	WASTE WAVE OIL (Lubricating oil)	NR	# 85-2B
	WASTE		
	WASTE		
1X5gal	WASTE N-methyl-2-pyrrolidone	NR	# 85-2C
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 55gal/17H

WPS #: NTS-T97233

Drum Number: 85-3

Date: 4/3/87

Generator: DuPONT - PARLIN

Project #: 6089

Hazard Class: HAZARDOUS WASTE LIQUID NOS ORMA

Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2X2gal	WASTE TETRACHLOROETHANE		85-3A 45% CHLORINE
1X1gal	WASTE Sodium Thiosulfate		85-3B
1X5gal	WASTE TETRBUTYTITANATE		Ti(OC4H9)4 / 85-3C
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 GALLON, PLASTIC
WPS #: NTS-T97233
Drum Number: DPP-86
Date: 4/2/87
Generator: DUPONT-PARLIN
Project #: ~~[illegible]~~ 6087
Hazard Class: HAZARDOUS WASTE SOLID, N.O.S. ORME NA9189
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X10#	WASTE ELVAX D (VINYL RESIN	NR	
	WASTE DISPERSION)		
	WASTE		
1X1GAL	WASTE TETRISOPROPYL TITANATE	NR	
	WASTE		
1X100g	WASTE DINITROANILINE	NR	
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 14 gal / plastic
Drum Number: DPPY 871
Generator: DuPont - Parlin
Hazard Class: Poison B, Solid

WPS #: NJS-797333
Date: 4/2/80
Project #: ~~[illegible]~~ 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
3 X 5 lb	WASTE Ammonium Thiocyanate	NR	
	WASTE		
2 X 1 lb	WASTE Antimony Dye	NR	
	WASTE		
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 1 legal/plastic
WPS #: NTS-T97233
Drum Number: DPP-89
Date: 4/2/87
Generator: DuPont - PARLIN
Project #: ~~[illegible]~~ 6087
Hazard Class: POISON B, LIQUID
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
11X1lb	WASTE Thioacetamide	W18	
	WASTE		
3X1lb	WASTE Ethylenedinitrilotetraacetic Acid	NR	
	WASTE		
	WASTE		
1X1pt.	WASTE Triethanolamine	NR	
	WASTE		
	WASTE Anthraquinone Dye	NR	
	WASTE		
1X1lb	WASTE Ferrous Sulfate	NR	
	WASTE		
2X2oz	WASTE Anthraquinone Dye	NR	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
Drum Number: DPP-91
Generator: DuPont - PARLIN
Hazard Class: POISON B, SOLID

WPS #: NJS-T 97253
Date: 4/2/87
Project #: ~~6008~~ 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X 5gl.	WASTE Quinacridone pigment	NR	
	WASTE		
2X 2gl.	WASTE Anthraquinone dye	NR	
	WASTE		
3X 1lb	WASTE Anthraquinone dye	NR	
	WASTE		
1X 100gl.	WASTE Phenyl Chloroacetate	NR	
	WASTE		
1X 5lb	WASTE Ethylenediaminetriacetic acid	NR	
	WASTE		
	WASTE		
1X 1lb.	WASTE Hydroxylamine hydrochloride	NR	
	WASTE		
1X 5gl.	WASTE 4-Aminopyrazolo-(3,4-D)pyrimidine	NR	
	WASTE		
1X 10gl.	WASTE Azo-dye	NR	
	WASTE		
1X 100gl.	WASTE Dimethyl Terephthalate	NR	
	WASTE		
3X 1lb	WASTE Sulfamic Acid	NR	
	WASTE		
2X 2lb	WASTE Sodium hypophosphite	NR	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16gal/plastic DPP-95

Drum Number:

Generator: DUPONT-PARLIN

Hazard Class: FLAMMABLE LIQUID ~~WATER REACTIVE~~ SOLID.

WPS #: NTS-J 92233

Date: 4/2/07

Project #: ~~[redacted]~~ 6087

Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY		HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
3X1lb	WASTE	ZINC METAL	D004	
	WASTE			
3X1pt	WASTE	EPOXY RESIN	D004	
	WASTE			
1X1qt	WASTE	EPOXY RESIN	D004	
	WASTE			
1X1/2lb	WASTE	Dihydrox pyridine	D001	
	WASTE			
1X2lb	WASTE	Cement Adhesive	D004	
	WASTE			
1X1lb	WASTE	Aluminum Stearate	NR	
	WASTE			
1X1lb	WASTE	Magnesium Stearate	NR	
	WASTE			
2X32.	WASTE	CASTOLITE HARDENER		
	WASTE	(Cumene Hydrop Ethyl Ketone)		
	WASTE	peroxide		
	WASTE			
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
Drum Number: DPP-94
Generator: DuPont - PARLIN
Hazard Class: POISON B, SOLID

WPS #: NJD-T97255
Date: 4/2/87
Project #: C0087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x5#	WASTE Acetic Acid, Potassium Salt	NR	
	WASTE		
1x1#	WASTE Xanthodiacetic acid Mono-	NR	
	WASTE cumide		
	WASTE		
	WASTE Tyvek, Pegon, gloves		
	WASTE		
1x1lb	WASTE Ammonium Sulfate	NR	
	WASTE		
1x1lb	WASTE Aluminum Ammonium	NR	
	WASTE Sulfate		
	WASTE		
2x1lb	WASTE Magnesium Chloride	NR	
	WASTE		
2x½lb	WASTE Anthraquinon Dye	NR	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
WPS #: NTS-T 97233
Drum Number: DPP-95
Date: 4/2/87
Generator: DuPont - PARLIN
Project #: 6088
Hazard Class: FLAMMABLE ~~[illegible]~~ SOLID
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X10 lb	WASTE Hydrin - containing	D004	
	WASTE less than 5% Epichlorohydrin		
	WASTE		
1X3 lb	WASTE Polyvinyl Alcohol	D004	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 Gallon Plastics
WPS #: NJS 797233
Drum Number: DPP-96
Date: 4/2/87
Generator: Dupont Parlin NJ
Project #: 6088
Hazard Class: Oxidizer
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x 1pint	WASTE Perchloric Acid	D001	70 %.
	WASTE		
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 Gallon plastic
WPS #: NTS 397233
Drum Number: PPP-47
Date: 4/2/87
Generator: Dupont Parlin NJ
Project #: 6087
Hazard Class: Oxidizer
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x1pint	WASTE Perchloric Acid	D001	70%
	WASTE		
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N R — Non Regulated

DRUM INVENTORY

Drum Type: 16 Gallon Plastic
WPS #: NYS T97233
Drum Number: DPP. 98
Date: 4/2/87
Generator: Dupont Parlin NJ
Project #: 6087
Hazard Class: Oxidizer
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x1pint	WASTE Perchloric Acid	1001	70 %
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 Gallon Plastic
WPS #: NJST17233
Drum Number: DPP-99
Date: 4/3/87
Generator: Dupont Pasiac NJ
Project #: 6087
Hazard Class: Corrosive Liq.
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x 1pint	WASTE Ethanol Acetic Acid	D002	
1x 1pint	WASTE Hydrochloric Acid	D002	
[redacted]	WASTE [redacted]	[redacted]	
1x 1pint	WASTE & Sulfuric Acid	D002	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gallon/plastic
WPS #: NTS-T60337
Drum Number: DPP-100
Date: 4/3/87
Generator: ~~NTS-T97233~~ DuPont/Duran
Project #: 6008
Hazard Class: FLAMMABLE SOLID
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x200LBS	WASTE Scripset 550	D001	-Styrene
	WASTE		-Mixed partial ester
	WASTE		-Mukic anhydride
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 GALLON, PLASTIC
WPS #: NTS-797233
Drum Number: DPP-K 2
Date: 4/3/87
Generator: DUPONT PARLIN
Project #: 6088
Hazard Class: WASTE FLAMMABLE LIQUIDS
Manifest #:
FLAMM LIQ UN 1993

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X 20 ml	WASTE POLYSTYRENE PELLETS	NR	
	WASTE		
1X 34 GAL	WASTE PRINTING INK (CONTAINS		
	WASTE PROPYL ALCOHOL)		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gallon/plastic
WPS #: NTS-T97233
Drum Number: DPP103
Date: 4/3/87
Generator: DUPONT - PARLIN
Project #: 6008
Hazard Class: FLAMMABLE SOLID
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1 x 20 LBS	WASTE Scripset 550	D001	STYRENE
	WASTE		MIXED PARTIAL ESTER
	WASTE		MALEIC ANHYDRIDE
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 GALLON, PLASTIC
WPS #: NRC-197233
Drum Number: DPP-104
Date: 4/26/97
Generator: DUPONT-PARLIN
Project #: 6087
Hazard Class: HAZARDOUS WASTE SOLIDS, N.O.S.
Manifest #:
ORM-E NA 9189

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
IX 30#	WASTE POLYSTYRENE PELLETS	NR	
	WASTE		
IX 8#	WASTE 2-MERCAPTOBENZOTHIAZOLE	NR	
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 1 gal/plastic
WPS #: NTS-T97233
Drum Number: DPP-105
Date: 4/3/87
Generator: [redacted] Dupont-Parlin
Project #: ~~6088~~ 6087
Hazard Class: Hazardous Waste Solid, NOS
Manifest #: ____

ORME NA9189

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X8LBS	WASTE Carbo Wax	NR	Synthetic
	WASTE		Ethylene polymers +
	WASTE		polyol ether esters
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 1 gallon / plastic
WPS #: NTS-860337
Drum Number: DPP-106
Date: 4/3/87
Generator: DOPONT-PARLIN
Project #: ~~[illegible]~~ 6087
Hazard Class: FLAMMABLE Solid
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1 X 8LB	WASTE SCRIPSET 550	D001	-STYRENE
	WASTE		-MIXED PARTIAL ESTER
	WASTE		-MALEIC ANHYDRIDE
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 GALLON PLASTIC
WPS #: NTS-T97233
Drum Number: DPP-107
Date: 4/3/87
Generator: DUPONT - PARLIN
Project #: ~~6068~~ 6087
Hazard Class: WASTE FLAMMABLE LIQUIDS FLAMM LIQ UN1993
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X20#	WASTE METHYL CELLULOSE	NR	
	WASTE		
1X 1QT	WASTE PRINTING INK (CONTAINS	D001	
	WASTE PROPYL ALCOHOL)		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 gal pl
Drum Number: DPP-913
Generator: Dupont-Parlin
Hazard Class: WPL-NOS

WPS #: NTS-19723 3
Date: 3-30-92
Project #: 2063 0087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY		HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
4 x 4 oz	WASTE	Acetaldehyde	D001	
	WASTE			
1 x ½ pt.	WASTE	Methanol	D001	
	WASTE			
1 x 1 pt.	WASTE	1 Bromo-pentane	D001	
	WASTE			
1 x 1 pt.	WASTE	Butane-thiol	D001	
	WASTE			
1 x 32.	WASTE	methyl propionate	D001	
	WASTE			
1 x 20z.	WASTE	Butane-thiol	D001	
	WASTE			
1 x 10z.	WASTE	m-butyl chloride	D001	
	WASTE			
1 x ½ pt.	WASTE	methyl cyclohexane	D001	
	WASTE			
	WASTE	[redacted]		
1 x 4 oz.	WASTE	Epoxy-Resin	D001	
	WASTE			
1 x 20z.	WASTE	[redacted] chloro pentane	D001	
	WASTE			
2 x 50z.	WASTE	ethyl ortho propionate	D001	
	WASTE			
1 x ½ pt.	WASTE	Quaternary ammonium compounds in isopropanol	D001	
	WASTE			
	WASTE			
	WASTE			
	WASTE			
	WASTE			

NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
WPS #: HTST97233
Drum Number: DPP-114
Date: 4/3/87
Generator: DuPont - PARLIN
Project #: ~~6068~~ 60087
Hazard Class: FLAMMABLE LIQUID, NOS
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1 X 3 oz.	WASTE Metaldehyde	D001	
	WASTE		
1 X 7 oz.	WASTE methyl-cyclohexane	D001	
	WASTE		
1 X 4 oz.	WASTE Acetaldehyde	D001	
	WASTE		
1 X 1 pt.	WASTE Isopropenyl Acetate	D001	
	WASTE		
1 X ½ pt.	WASTE Methyl cyclohexane	D001	
	WASTE		
1 X 1 pt.	WASTE Triethyl amine	D001	
	WASTE		
1 X 1 oz.	WASTE ethyl ortho propionate	D001	
	WASTE		
1 X 4 oz.	WASTE Benzotrifluoride	D001	
	WASTE		
1 X 5 oz.	WASTE Isopropanol	D001	
	WASTE		
1 X 1 pt.	WASTE ethyl propionate	D001	
	WASTE		
1 X 1 pt.	WASTE Methyl ethyl Ketone	D001	empty bottle
	WASTE		
1 X ½ pt.	WASTE methyl cyclohexane	D001	
	WASTE		
1 X 6 oz.	WASTE Borane triethyl	D001	
	WASTE amine complex		
	WASTE		
1 X ½ oz.	WASTE ethyl ortho propionate	D001	
1 X ½ pt.	WASTE methyl cyclohexane	D001	

NR - Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
Drum Number: DPP-115
Generator: Dupont - PARLIN
Hazard Class: FLAMMABLE LIQUID

WPS #: NJS-T 97033
Date: 4/3/87
Project #: ~~6083~~ 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X 6oz.	WASTE butanol	D001	
	WASTE		
1X 2oz.	WASTE ethyl-ortho propionate	D001	
	WASTE		
1X 4oz.	WASTE Isopropenyl acetate	D001	
	WASTE		
1X 1gal	WASTE Polyester Adhesive in	D001	
	WASTE Isopropanol		
	WASTE		
1X 3/4 pt.	WASTE Acetonitrile	D001	
	WASTE		
1X 1/2 pt.	WASTE polyester solution containing	D001	
	WASTE toluene and 35% Dioxane		
	WASTE solvent		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16gal / plastic
Drum Number: DRP-116
Generator: DuPont - PARLIN
Hazard Class: FLAMMABLE LIQUID

WPS #: NJS-1 92033
Date: 4/2/87
Project #: ~~6084~~ 6087
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X1gal	WASTE 1-Bromo butane	0001	
	WASTE		
1X1gal	WASTE Polyester Adhesive	D001	
	WASTE containing Isopropanol		
	WASTE		
1x1pt.	WASTE Nitromethane	D003	
	WASTE		
1X1pt.	WASTE Pyridine	D001	
	WASTE		
1X1qt	WASTE Polyester solu. containing		
	WASTE Toluene & 35% Dioxane		
	WASTE solvent		
	WASTE		
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N R — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
Drum Number: DPP-117
Generator: DuPont - PARLIN
Hazard Class: FLAMMABLE LIQUID

WPS #: NTS T 97233
Date: 4/3/87
Project #: ~~6068~~ 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X 1gal	WASTE Polyester Adhesive	D001	
	WASTE Solvent isopropanol		
	WASTE		
1X 25g	WASTE 2-4 Dinitro phenylhydrazine	D001	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 GALLON, PLASTIC
WPS #: NTS-797233
Drum Number: DPP-119
Date: 4/3/87
Generator: DUPONT-PARLIN
Project #: ~~6068~~ 6087
Hazard Class: WASTE FLAMMABLE SOLID, N.O.S. FLAMM SOLID UN 1325
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X20#	WASTE SCRIPSET SYNTHETIC RESIN	D001	(WHITE SOLID)
	WASTE CONTAINS STYRENE, MIXED		
	WASTE PARTIAL ESTERS AND MALEIC		
	WASTE ANHYDRIDE		
	WASTE		
1X1QT	WASTE LUDOX - COLLOIDAL SILICA	NR	
	WASTE SOLUTION (80% WATER/20%		
	WASTE SILICA GEL)		
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 GALLON, PLASTIC
WPS #: NTS-T97233
Drum Number: DPP-120
Date: 4/3/87
Generator: DUPONT-PARLIN
Project #: ~~6068~~ 6087
Hazard Class: WASTE FLAMMABLE SOLID, N.O.S. FLAMMABLE SOLID UN1325
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X20#	WASTE SCRIPSET SYNTHETIC RESIN	D001	
	WASTE (CONTAINS STYRENE, PARTIAL		
	WASTE MIXED ESTERS, AND MALEIC		
	WASTE ANHYDRIDE)		
	WASTE		
1X TRACE	WASTE CONTAMINATED TYVEKS &	HR	
	WASTE GLOVES		
	WASTE		
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R — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / Plastic
WPS #: NTS 797233
Drum Number: DPP-121
Date: 9/16/87
Generator: DuPont Parlin
Project #: ~~606~~ 76087
Hazard Class: Poison B Solid
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
4 x 1 lb	WASTE Potassium Cyanide	P098	
1 x 100 gm	WASTE Sodium Cyanide	P106	
1 x 5 lb	WASTE Potassium Cyanide	P098	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16gal
WPS #: NTS-T97233
Drum Number: DPP-122
Date: 4/6/87
Generator: DUPONT - PARLIN
Project #: 6087
Hazard Class: ORM-A
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X2LBS	WASTE RESYN 78-6282 LOT#	NR	
	WASTE DFD4	NR	
1X1/2gal	WASTE AMMONIUM FLUORIDE	[illegible]	
	WASTE		
7X1LBS	WASTE ORGANIC CHELATE	NR	
	WASTE		
1X10lbs	WASTE A BLEND OF STYRENE MALEIC	ORMA	
	WASTE ANHYDRIDE, BENZOPHENONE,	U197	
	WASTE SILICA, AND ETHYLENE-PROPYLENE-		
	WASTE DIENE TERPOLYMER		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / Plastic
WPS #: NJ 5797233
Drum Number: DPP-123
Date: 4/6/87
Generator: DuPont-Parlin
Project #: ~~6067~~ 6089
Hazard Class: Poison B Sulfide
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
[illegible]	WASTE [illegible]		
1	WASTE		
4 x 5 lb	WASTE Potassium Cyanide	P098	
4 x 1 lb	WASTE Polyvinyl Alcohol Copolymer	NR	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 10 gal / plastic
WPS #: MST97233
Drum Number: DPP-124
Date: 4/6/87
Generator: DuPont Parlin
Project #: 76087
Hazard Class: Poison B Solid
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2 x 5 lb	WASTE Potassium Cyanide	P098	
1 x 4 oz	WASTE Potassium Cyanide	P098	
2 x 25 gm	WASTE Potassium Selenocyanate	P098	
1 x 1 oz	WASTE Selenium Powder	D010	
1 x 1 lb	WASTE Potassium Selenocyanide		
4 x 5 gm	WASTE Potassium Selenocyanide	P098	
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
WPS #: MST97233
Drum Number: DPP-125
Date: 4/6/87
Generator: Dupont - Parlin
Project #: 60626087
Hazard Class: Poison B Solid
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2x1lb	WASTE 2,5 Dimethyl Benzoselenazole	D010	
2x1lb	WASTE Potassium Selenocyanide	P098	
6x40gm	WASTE Sodium Nitroprusside	NR	
1x1qt	WASTE Potassium Selenocyanate	[illegible]	P098
	WASTE 2,2-Diamino Diphenyl-	[illegible]	D010
	WASTE Diselenide		
1x920gm	WASTE Potassium Selenocyanate	P098	(2 lbs)
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
WPS #: NTST97233
Drum Number: DPA-126
Date: 4/6/87
Generator: Dupont-Parlin
Project #: ~~6067~~ 6087
Hazard Class: Poison B Solid
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x 1lb	WASTE Dimethylbenzoselenazole	[illegible]	D010
	WASTE Ethyl-P-Toluenesulphonate		
1x 1lb	WASTE Potassium selenocyanate	P098	
1x 4lb	WASTE Potassium selenocyanate	P098	
1x 2oz	WASTE 2-methyl benzoselenazole	[illegible] D010	
	WASTE Ethiodide		
1x 10oz	WASTE Tetrabutyl ammonium phosphate	NR	
	WASTE Buffer (PH 7)		
1x 1Pt	WASTE Aqueous based non ionic	NR	
	WASTE Surfactant		
1x 1lb	WASTE Polyvinyl alcohol	NR	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal plastic
WPS #: NYS-797233
Drum Number: DPD-127
Date: 4/6/87
Generator: Dupont - Parlin
Project #: ~~6067~~ 6087
Hazard Class: ORM-A
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2 x 20 lb	WASTE A BLEND OF STYRENE MALEIC	ORMA	
	WASTE ANTHYDRIDE, BENZOPHENONE,	U147	
	WASTE SILICA, AND ETHYLENE PROPYLENE-		
	WASTE DIENE TERPOLYMER		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
WPS #: NTS TY7233
Drum Number: DPP-129
Date: 4/6/87
Generator: DuPont-Parlin
Project #: ~~6067~~ 6087
Hazard Class: ORMA
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x6lbs	WASTE A blend of Styrene Maleic	U147	
	WASTE Anhydrine, Benzophenone,		
	WASTE Silica, and Ethylene-		
	WASTE propylene-diene terpolymer		
[illegible]	WASTE		
	WASTE		
1x10lbs	WASTE A blend of . . . . (SAA)	U147	
	WASTE Ethylene-propylene-diene terpolymer		
1x5lbs	WASTE Polyvinyl Alcohol	NR	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
WPS #: WTS 97233
Drum Number: DPP-130
Date: 4/6/87
Generator: Dupont Parlin
Project #: ~~6067~~ 6087
Hazard Class: CRM-A
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x1 lb	WASTE Styrene Maleic Anhydride	U147	
	WASTE		
1x10 lb	WASTE A blend of Styrene	U147	
	WASTE Maleic Anhydride, Benzophenone,		
	WASTE Silica, and Ethylene-Propylene-		
	WASTE Diene Terpolymer		
2x1 lb	WASTE A blend of . . . (SAA)	U147	
	WASTE Ethylene-propylene-diene terpolymer		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
WPS #: NTS T97233
Drum Number: DPP-131
Date: 4/6/97
Generator: Dupont-Parlin
Project #: ~~6067~~ 6087
Hazard Class: CRMA
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1 x 14 lbs	WASTE A BLEND OF STYRENE MAGNEC	U147	
	WASTE ANHYDRIDE, BENZOPHENONE,		
	WASTE SILICA, AND ETHYLENE-PROPYLENE-		
	WASTE DIENE TERPOLYMER		
	WASTE		
1 x 10 lbs	WASTE Contact - Acrylic Resin	NR	
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal plastic
Drum Number: PPP-132
Generator: DUPONT - PARLIN
Hazard Class: WASTE FLAMMABLE SOLID, NOS / FLAMMABLE SOLID UN1325

WPS #: NJS-I97233
Date: 4/6/87
Project #: 6887
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x2LBS	WASTE CARBOSET (ACRYLIC RESIN)	D001	
	WASTE		
1x25LBS	WASTE A BLEND OF STYRENE MALEIC	D018	
	WASTE ANHYDRIDE, BENZOPHONE,	D047	
	WASTE SILICA, AMORPHOUS-PRECIPIT		
	WASTE DIENE TER POLYMER		
	WASTE		
2x1/4LB	WASTE AERO 836	NR	
	WASTE		
1x25LBS	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16gal / plastic
WPS #: NTS-TQ7233
Drum Number: DPP-133
Date: 4/6/87
Generator: DUPONT / PARLIN
Project #: 6087
Hazard Class: WASTE FLAMMABLE ~~SOLID~~ LIQUID N.O.S
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x3dB	WASTE Acrylic Resin	D001	
	WASTE		
1x2LBS	WASTE Pigment Dispersion	NR	
	WASTE		
1x2LBS	WASTE AEO Dye	NR	
	WASTE		
1x3oz	WASTE ethyl Acrylic (inhibited)	D001	
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NR — Non Regulated

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DRUM INVENTORY

Page ____ of ____

Drum Type: 55 gal / 17H

WPS #: MS-T97233

Drum Number: DPP-133-1

Date: 4/6/87

Generator: DUPONT PARLIN

Project #: ~~6087~~ 76087

Hazard Class: FLAMMABLE LIQUID

Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x5gal	WASTE [redacted] PLUDA (Dicyclopentadiene	D001	charge 1A
	WASTE ACRYLATE)		
1x5gal	WASTE FOAMKILL 639 (Aliphatic		
	WASTE (Hydrocarbon)	D001	charge 1B
	WASTE		
1X5gal	WASTE Silicones in Organic Solvent	D001	charge ~~1B~~ K
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 30gal/17H

WPS #: NTS 197233

Drum Number: DPP-134-1

Date: 4/6/87

Generator: DuPont-PARLIN

Project #: ~~6067~~ 60827

Hazard Class: ~~[illegible]~~ CORROSIVE LIQUID

Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x5gal	WASTE PHTHALO BLUE RS		CHARGE # 134-1A
	WASTE (WATER BASED DYE)		
1x5gal	WASTE Sodium Hydroxide, WATER,	0002	CHARGE # 134-1B
	WASTE AND SURFACTANT (cleaning solution)		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 GALLON, PLASTIC
WPS #: MIS-797033
Drum Number: DRP-135
Date: 4/7/97
Generator: DORM-DRUM
Project #: ~~6087~~ 6087
Hazard Class: WASTE FLAMMABLE SOLID, N.O.S. FLAMM SOLID UN1325
Manifest #:

DNW

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2X4/16	WASTE LITHIUM METAL (IGNITABLE UN 1415 D003 REACTIVE SOLID)		DNW
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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N.R. — Non Regulated

DRUM INVENTORY

Drum Type: 16 GALLON, PLASTIC
WPS #: NTS-797233
Drum Number: DPP-137
Date: 4/7/87
Generator: DUPONT-PARLIN
Project #: ~~6068~~ 6087
Hazard Class: WASTE CORROSIVE LIQUID, NOS
Manifest #:
CORR MAT UN 1760

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2X1GAL	WASTE TRIETHYLENETETRAMINE	D002	
	WASTE		
2X1QT	WASTE SODIUM HYDROXIDE SOLUTION	D002	(.5N)
	WASTE		
1X20Z	WASTE CARBON BLACK	NR	
	WASTE		
6X40Z	WASTE AZO DYE	NR	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 gallon / plastic
WPS #: NTS-T97233
Drum Number: DPP-138
Date: 4/7/87
Generator: Dupont - Parlin
Project #: ~~6067~~ 6087
Hazard Class: Poison B Liquid NOS
Manifest #:
Poison B Liquid UN281

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
3x1pt	WASTE Aniline	U012	
2x1qt	WASTE N-Dimethyl Aniline	NR	
1x1pt	WASTE Aniline	U012	
6x1pt	WASTE Aniline	U012	
1x1pt	WASTE Aniline	U012	
4x1qt	WASTE 1,1,2,2 Tetrachloroethane	U209	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gallon / plastic
WPS #: NTS-T97233
Drum Number: DPP-139
Date: 4/8/87
Generator: DuPont - Parlin
Project #: ~~6067~~ 6087
Hazard Class: WASTE FLAMMABLE LIQUID, NOS FLAMMABLE LIQUID UN1993
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
3x1pt	WASTE Pyridine	D001	
	WASTE		
6x1QT	WASTE Standard water in Methanol	D001	1mL = 1mg. H2O
	WASTE		
4x1pt	WASTE Acetone	D001	
	WASTE		
4x1pt	WASTE Formaldehyde Solution, 37% N/N	U122	Contains 10-15% Methanol
	WASTE		
1x1pt	WASTE 2 Propanol Isopropyl Alcohol	D001	
	WASTE		
2x1QT	WASTE Toluene	U220	
	WASTE		
1x1pt	WASTE Toluene	U220	
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal Plastic
WPS #: NYS 797233
Drum Number: DPP-139X
Date: 4/18/87
Generator: Dupont - Parlin
Project #: ~~6067~~ 6087
Hazard Class: Non Regulated
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
3x 1gal	WASTE Poly Butadiene Thermoplastic	NR	
	WASTE Polymer		
1x 1pt	WASTE Empty Bottle Last containing	NR	
	WASTE Ethylene Dichloride		
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal Plastic
WPS #: MST97232
Drum Number: DPP-140
Date: 4/8/87
Generator: Dupont-Parlin
Project #: ~~6067~~ 6087
Hazard Class: NON-REGULATED
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
3 x 1 gal	WASTE Polybutadiene Thermoplastic	NR	
	WASTE Polymer		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
WPS #: NTS 747233
Drum Number: DPP-191
Date: 4/8/87
Generator: Dupont-Parlin
Project #: ~~6087~~ 6087
Hazard Class: Non-Regulated
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
3x1gal	WASTE polybutadiene thermoplastic	NR	paint cans
	WASTE polymer		
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gallon/plastic
WPS #: NTS-T97233
Drum Number: DPP/142
Date: 4/8/87
Generator: DuPont Parlin
Project #: ~~6067~~ 6087
Hazard Class: Flammable liquid
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2X1QT	WASTE Toluene	U220	
1X1pt	WASTE Benzyl Alcohol	D001	
2X1pt	WASTE Toluene	U220	
1X1QT	WASTE Methanol	D001	
1X1pt	WASTE Benzyl Alcohol	D001	
1X1QT	WASTE STANDARD WATER	D001	Containing
1X1pt	WASTE Toluene	U220	15% Methanol
1X1pt	WASTE Benzyl Alcohol	D001	
1X1QT	WASTE Glycerin	NR	Combustible
3X1pt	WASTE Karl Fisher Reagent	D001	
1X1pt	WASTE Formaldehyde Solution	U122	37% on/w / 15% Meth
1X1gal	WASTE Chloroform	U044	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gallon / plastic
WPS #: NTS-T97233
Drum Number: DPP 143
Date: 4/8/87
Generator: Dupont Parlin
Project #: ~~6067~~ 6087
Hazard Class: Poison B, LIQUID
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x1 pt	WASTE Aniline	U012	
2x1 qt	WASTE 1,1,2,2 Tetrachloroethane	U209	
1x1 pt	WASTE Aniline	U012	
1x1 pt	WASTE 1,1,2,2 Tetrachloroethane	U209	
1x1 qt	WASTE 1,1,2,2 Tetrachloroethane	U209	
1x empty chloroform	WASTE Empty chloroform Bottle	U044	
	WASTE		
~~1x1 pt~~	WASTE ~~[illegible]~~	~~[illegible]~~	
~~3x1 pt~~	WASTE ~~Karl Fisher Reagent~~		~~[illegible]~~
1x1 pt	WASTE Ethylene Glycol	NR	Lorine
1x1 pt	WASTE Aniline	U012	
1x1 qt	WASTE Diethylene Glycol	NR	
1x1 pt	WASTE Aniline	U012	
1x1 oz	WASTE N,N-Dimethyl Aniline	NR	
~~1x1 pt~~	WASTE ~~[illegible]~~		
~~1x1 oz~~	WASTE ~~Sulfanilic Acid~~	~~NR~~	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal/plastic
WPS #: N15747233
Drum Number: DPP-144
Date: 4/18/87
Generator: Dupont-Barlin
Project #: ~~6067~~ 6087
Hazard Class: Flammable Liquid
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1 x 1 gal	WASTE Polybutadiene thermoplastic	NR	
	WASTE polymer		
2 x 1 pt	WASTE Ink combustible	D001	
1 x 8oz	WASTE Bromphenol blue indicator	NR	
1 x 8oz	WASTE Epoxy hardener	NR	
1 x 8oz	WASTE Devcon "C" mold release	D001	
	WASTE formula - 50% aluminum		
1 x 1/2 gal	WASTE Pyneen disinfectant	NR	
	WASTE contains isopropyl alcohol,		
	WASTE pine oil, potassium chloro-		
	WASTE 2 phenyl phenate, and		
	WASTE water (55%)		
1 x 1 qt	WASTE Glass cleaner containing	NR	
	WASTE isopropyl alcohol and		
	WASTE water		
3 x 1 pt	WASTE Polyvinyl alcohol	NR	
1 x 8oz	WASTE Isopropyl alcohol	D001	
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gallon / plastic
WPS #: NTS-T97233
Drum Number: DPP 145
Date: 4/8/87
Generator: DUPONT - PARLIN
Project #: 6087
Hazard Class: FLAMMABLE LIQUID
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2X1PT	WASTE Phenolphthalein 0.02%	D001	Contains over 95%
	WASTE		Methanol
~~[illegible]~~	WASTE Chloroform	D044	
1X4 FLOZ	WASTE		
1X1QT	WASTE Ethylene Glycol Monoethyl Ether	D001	
	WASTE		
2X1QT	WASTE Methyl orange 0.1%	D001	
	WASTE		
2X1PT	WASTE Methyl red 0.02%	D001	
	WASTE		
1X1gal	WASTE Dimethylamine	D001	
	WASTE		
1X1QT	WASTE Sodium Thiosulfate	NR	
	WASTE		
1X1PT	WASTE Sodium Thiosulphate	NR	
	WASTE		
2X1PT	WASTE Carbon Disulfide	D001	
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gallon plastic
Drum Number: DP-46
Generator: DUPONT PHOTO
Hazard Class: CORROSIVE LIQUID, NOS CORROSIVE MATERIAL UN1760

WPS #: NTS-71233
Date: 4/9/97
Project #: 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X1QT	WASTE BROMINE WATER	D001	SOLVED AT 20%
1X4OZ	WASTE MALACHITE GREEN	NR	
2X1LB	WASTE AZO DYE	NR	
1X6OZ	WASTE BRILLIANT CRESYL	NR	
3X1LBS	WASTE POLYESTER RESIN (DRY)	NR	
2X5OZ	WASTE MERCURIC CHLORIDE	NR	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gallon/plastic
WPS #: MS-T97233
Drum Number: DPP-147
Date: 4/19/87
Generator: Dupont-Parlin
Project #: ~~6067~~ 6087
Hazard Class: Flammable Liquid
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1 x 1 pt	WASTE Ammonium Sulfide	D001	
1 x 1 Qt	WASTE Tetra Chloroethane	U209	
1 x 1 pt	WASTE Empty Bottle of Methanol	D001	
1 x 1 Qt	WASTE Diesel Fuel	D001	
1 x 1 Qt	WASTE Paraffin Oil	D001	
1 x 1 Qt	WASTE Paraffin Oil	D001	
1 x 1 Qt	WASTE Mineral Oil	D001	
2 x 1 Qt	WASTE Latex Coating - Aqueous	NR	
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
WPS #: NTS-T97253
Drum Number: DPP-148
Date: 4/9/87
Generator: DUPONT - PARLIN
Project #: ~~6067~~ 6087
Hazard Class: Corrosive Liquid
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
(1 QT) 1 X 1 FLUB	WASTE BROMINE WATER [redacted]	D002	SATURATED AT 30°C
1 X 1 QR	WASTE Polyester Resin (Dry)	NR	
~~1 X 1 QR~~	WASTE [redacted]		
1 X 1 PT	WASTE m-CRESOL	D002, U052	
2 X 1 lb	WASTE Dimethyl terephthalate	NR	
6 X 4 oz	WASTE Azo Dye Solution	NR	
1 X 3/4 gal	WASTE Phosphorus oxychloride	D002	
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
WPS #: NTS 792233
Drum Number: DPP-151X
Date: 4/9/87
Generator: DUPONT-PARLIN
Project #: ~~6067~~ 6087
Hazard Class: FLAMMABLE LIQUID
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1 x 1 gal	WASTE "ZONYL" FSN NON-IONIC FLUORO-	D001	
	WASTE SUBFACTANT IN BUTYLCELLUSOLVE		
1 x 1 gal	WASTE ETHYLENE GLYCOL MONOETHYL	D001	
	WASTE ETHER-CETHYLCELLUSOLVE		
1 x 3/4 gal	WASTE P-BENZOQUINONE IN CELLUSOLVE	D001	
	WASTE ACETATE		
1 x 1 Qt	WASTE TETRA ETHYL ORTHOSILICATE	D001	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
WPS #: NTS797233
Drum Number: DPP-151
Date: 4/9/87
Generator: Dupont - Parlin
Project #: ~~6067~~ 6087
Hazard Class: Flammable Liquid / Poison
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
3X1 pt	WASTE Acrylonitrile	U009, D001	
1X1/2 gal	WASTE Congo Red Indicator	NR	
1X1/2 gal	WASTE Green Latex	NR	
1X1/2	WASTE Liquid Leak Detector	NR	
	WASTE (Fatty Acid Emulsion)		
1X2 lb	WASTE Sulfamic Acid	NR	
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gallon/plastic
WPS #: NTS-T97233
Drum Number: DPP-152
Date: 4/9/87
Generator: DUPONT - PARLIN
Project #: 6087
Hazard Class: FLAMMABLE LIQUID
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2 x 1 gal	WASTE Mercaptoethanol	D001	
1 x 1 oz	WASTE Propionyl Chloride	NR	
1 x 1 oz	WASTE Empty Bottle of Chloroform	NR	
1 x 1/2 gal	WASTE Empty Bottle of Acetone	NR	
6 x 1 oz	WASTE Butyl Acrylate	NR	
1 x 1 pt	WASTE Triphenyl Phosphate	D001	Containing Acetone
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NR — Non Regulated

DRUM INVENTORY

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Drum Type: 16gallon/plastic
WPS #: NTS-T97233
Drum Number: DPP-153
Date: 4/9/87
Generator: DUPONT (PARLIN)
Project #: 6087
Hazard Class: FLAMMABLE LIQUID
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X 1QT	WASTE ADHESIVE CPA-155 CONTACT CEMENT	D001	
1X 5OZ	WASTE L-ASCORBIC ACID	NR	
2 X 3LBS	WASTE LATEX-AQUEOUS	NR	
1X 1QT	WASTE Isopropyl Alcohol	D002	
1X 1/2 gal	WASTE Pyridine	D001	
1x 8oz	WASTE CHLOROFORM	D001	
1X 1QT	WASTE DIPHENYL OXIDE	D001	
2X 1PT	WASTE CARBON DISULFIDE	D001	
1X 1PT	WASTE BENZENE	D001	
1X 1PT	WASTE MONOCHLOROBENZENE	D001	
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NR — Non Regulated

DRUM INVENTORY

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Drum Type: 16 gal Plastic
Drum Number: UPP-154
Generator: Dupont Parlin
Hazard Class: Oxidizer

WPS #: WPS 77233
Date: 4/9/87
Project #: 5067 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1 x 1gal	WASTE 20% Peracetic Acid	D001	Prepared Solution
	WASTE 80% Acetic Acid		
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N R — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal Plastic
WPS #: NTS T97233
Drum Number: DPP-155
Date: 4/9/87
Generator: Dupont-Parlin
Project #: ~~6067~~ 6087
Hazard Class: Corrosive Liquid
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2x1Pt	WASTE Bromine water - saturated	D002	
	WASTE At 20°C		
3 x 1/4 lb	WASTE Benzo Quinone	U197	
2x1Pt	WASTE Latex coating solution	NR	
1 Bottle	WASTE 20 grams polyvinyl alcohol	NR	
	WASTE 300 gms water		
1x 1/2 lb	WASTE Zinc acetate	NR	
[illegible]	WASTE		
3x 4 [illegible]	WASTE Chromate color standard	D007	
	WASTE Solution for turbidity meters		
1x1.1Qt	WASTE Acetic anhydride	D002	
1x 1Pt	WASTE Phthalic anhydride	U190	
	WASTE		
4	WASTE 1 pt. bottles empty	D002	
	WASTE (last containing Hydrochloric		
	WASTE Acid)		
	WASTE		
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NR—Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gallon / plastic
WPS #: MST97233
Drum Number: DPP-156
Date: 4/9/97
Generator: Dupont - Parlin
Project #: ~~6667~~ 40087
Hazard Class: Corrosive Liquid
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
6X1PT	WASTE Ethanolamine	D002	
1X12FLOZ	WASTE Sodium Hypochlorite	D002	
2X4FLOZ	WASTE Sodium Hydroxide Solution	D002	
4X4oz	WASTE Polyamide-Acid Polymer	D002	PH 11
1X1gal	WASTE Triethylene Tetra Amine	D002	
1X2oz	WASTE Ethanolamine	D002	
2X4oz	WASTE Triethylene Glycol Diacrylate	D002	
1X1Qt	WASTE Organosilane Ester	D002	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal Plastic
WPS #: NFS 192233
Drum Number: DPP-157
Date: 4/19/87
Generator: Dupont-Parlin
Project #: ~~6067~~ 6087
Hazard Class: Flammable Liquid
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x1 gal	WASTE Ethyl Chloride	D001	
1x1 pt	WASTE Dimethyl Formamide	D001	
1x1 pt	WASTE Karl Fischer Reagent	D001	
1x1 gal	WASTE 2-Mercaptothanol	D001	
1x8 lb	WASTE N-Methylol Acrylamide 45%	D001	
	WASTE Water 52%		
3x1 pt	WASTE Butyl Acrylate	D001	
1x1 pt	WASTE Propylene Imine Inhibited	D001	
6x1 oz	WASTE Propylene Imine Inhibited	D001	
1x2 oz	WASTE Ethyl Piperidine	D001	
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal/plastic
WPS #: NTS 797233
Drum Number: OPP-158
Date: 4/10/87
Generator: Dupont-Parlin
Project #: ~~6062~~ 6087
Hazard Class: Poison B Liquid
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
3x1pt	WASTE Toluene diisocyanate	U223	
1x4oz	WASTE Toluene diisocyanate	U223	
3x8oz	WASTE Toluene diisocyanate	U223	
1x1lb	WASTE Phenol-Loose crystals	U188	
2x1oz	WASTE Toluene diisocyanate	U223	
1x2oz	WASTE Amitrole (3-amino-1,2,4-triazole)	U011	
1x500ml	WASTE Aniline	U012	
1x1pt	WASTE Chlorophenol Red-Phenol	U188	
	WASTE (0.04%)		
1x4oz	WASTE Bromcresol Purple	U052	
1x4oz	WASTE Benzotriazole	NR	
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / Plastic
WPS #: NFS 797233
Drum Number: DPP 159
Date: 4/10/87
Generator: Dupont - Parlin
Project #: ~~6067~~ 6087
Hazard Class: Corrosive Liquid
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
31 x 400	WASTE trifluoroacetic acid	Dcos	
	WASTE		
	WASTE		
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	WASTE		
	WASTE		
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DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal/plastic
WPS #: NTS 797233
Drum Number: DPP-160
Date: 4/10/97
Generator: Dupont-Parlin
Project #: ~~6062~~ 6087
Hazard Class: Flammable Liquid
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
3X 1GAL	WASTE PYRIDINE	D001	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / Plastic
WPS #: NTS 497233
Drum Number: DPP-161
Date: 4/10/87
Generator: DUPONT - PARLIN
Project #: ~~6067~~ 6087
Hazard Class: FLAMMABLE LIQUID
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X1GAL	WASTE PYRIDINE METHANOL MIXTURE	D001	
1X1GAL	WASTE PYRIDINE	D001	
1X1GAL	WASTE CARBON TETRACHLORIDE	D001	
	WASTE		
	WASTE		
	WASTE		
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N.R — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal plastic
WPS #: MJ-T97233
Drum Number: DPP-162
Date: 4/6/87
Generator: Dupont-Parlin
Project #: ~~[illegible]~~ 6087
Hazard Class: Flammable liquid
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X 5lbs	WASTE Corcob contaminated	D001	
	WASTE with pyridine		
5X 1Pt	WASTE Chrysilic resin	D001	
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16gal/plastic
WPS #: NTS-T 97033
Drum Number: DPP-163
Date: 4/20/87
Generator: DuPont - PARLIN
Project #: 60[illegible]
Hazard Class: WASTE FLAMMABLE LIQUID, NOS
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1	WASTE empty - quart bottle last	D001	TRACE AMOUNT
	WASTE containing ISO-Butanol		
	WASTE		
4	WASTE empty pint bottle last	D001	TRACE AMOUNT
	WASTE containing 2-Propanol		
	WASTE		
1	WASTE empty pint bottle last	D001	TRACE AMOUNT
	WASTE containing Acetone		
	WASTE		
7	WASTE empty quart bottle last	D001	TRACE AMOUNT
	WASTE containing ISO-butanol		
	WASTE		
1	WASTE empty pint bottle last	D001	TRACE AMOUNT
	WASTE containing n-Hexane		
	WASTE		
1	WASTE empty pint bottle last	NR	TRACE AMOUNT
	WASTE containing methylene		
	WASTE chloride		
	WASTE		
1x1qt	WASTE bottle containing trace	D001	TRACE AMOUNT
	WASTE amount of ISO-butanol		
	WASTE		
	WASTE		
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	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal / plastic
WPS #: NTS-T97233
Drum Number: DPP-164
Date: 4/20/87
Generator: DuPont-PARLIN
Project #: ~~6068~~ 6087
Hazard Class: FLAMMABLE LIQUID
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
5	WASTE 8 oz. bottles containing	D001	
	WASTE trace amounts of		
	WASTE acetone		
	WASTE		
3	WASTE 1 pt. bottles containing	NR	
	WASTE trace amounts of		
	WASTE 1-6, Hexanediol Dimethacrylate		
	WASTE		
1X 1½ QT	WASTE DYE/ADHESIVE PASTE IN	NR	
	WASTE AQUEOUS SOLUTION		
1X 1.5 lb	WASTE "Duponol" mixture of		
	WASTE Sodium salts of sulfated		
	WASTE Fatty alcohols		
	WASTE		
1X 1QT	WASTE AQUEOUS BASED ACRYLAE	NR	
	WASTE POLYMER		
	WASTE		
1X 1PT	WASTE DYE/ADHESIVE PASTE IN	NR	
	WASTE AQUEOUS SOLUTION		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 55 GAL 17H

WPS #: NTS-T97233

Drum Number: DPP-165

Date: 4/20/87

Generator: DUPONT - PARLIN

Project #: 6087

Hazard Class: HAZARDOUS WASTE SOLID, N.O.S. ORME NA 9189

Manifest #:

(2 X 50# BAGS)

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X50#	WASTE HYDROXY PROPYL METHYL	NR	CHARGE: DPP-165-A
	WASTE CELLULOSE		
	WASTE		
1X50#	WASTE HYDROXY PROPYL METHYL	NR	CHARGE: DPP-165-B
	WASTE CELLULOSE		
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 55 GAL 17H
WPS #: NTS-797233
Drum Number: DPP-166
Date: 4/20/87
Generator: DUPONT-PARLIN
Project #: 6087
Hazard Class: HAZARDOUS WASTE SOLIDS ORME NA 9189
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X50#	WASTE HYDROXY PROPYL METHYL	NR	CHARGE: DPP-166-A
	WASTE CELLULOSE		
	WASTE		
1X50#	WASTE HYDROXY PROPYL METHYL	NR	CHARGE: DPP-166-B
	WASTE CELLULOSE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Drum Type [illegible] 55GAL WITH

Drum Number DPP-[illegible] 167

Generator DUPONT-PARLIN

Hazard Class HAZARDOUS WASTE SOLID, N.O.S.
ORM-E NA9189

WPS # MTS-T97233

DATE 4/21/87

Project # ~~6067~~ 0087

Manifest #

(2X 50# BAGS)

CHEMICAL WASTE MANAGEMENT, INC.

QUANTITY	HAZARDOUS SUBSTANCE	EPA HW NO.	CHG. NO.	COMMENTS
1X50#	WASTE HYDROXY PROPYL METHYL	NR		CHARGE: [illegible]
	WASTE CELLULOSE			DPP-167-A
	WASTE			
1X50#	WASTE HYDROXY PROPYL METHYL	NR		CHARGE: [illegible]
	WASTE CELLULOSE			DPP-167-B
	WASTE			
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DRUM INVENTORY

Page 1 of 1

Drum Type 55 GAL 17-H

Drum Number DPP 168

Generator DUPONT - PARLIN

Hazard Class HAZARDOUS WASTE SOLID, N.O.S.

WPS # NJS-19233

DATE 4/21/87

Project # 6057 6080

Manifest #

ORM-E NA 9189

(2X 50# BAGS)

CHEMICAL WASTE MANAGEMENT, INC.

QUANTITY	HAZARDOUS SUBSTANCE	EPA HW NO.	CHG. NO.	COMMENTS
1X50#	WASTE HYDROXY PROPYL METHYL	NR		DPP-168-A
	WASTE CELLULOSE			
	WASTE			
1X50#	WASTE HYDROXY PROPYL METHYL	NR		DPP-168-B
	WASTE CELLULOSE			
	WASTE			
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DRUM INVENTORY

Page 1 of 1

Drum Type: 16 GALLON, PLASTIC
WPS #: NTS-T97233
Drum Number: DPP-169
DATE: 4/21/87
Generator: DUPONT-PARLIN
Project #: ~~6067~~ 6087
Hazard Class: NON-REGULATED
Manifest #:

Chemical Waste Management Inc.

CHEMICAL WASTE MANAGEMENT, INC.

QUANTITY	HAZARDOUS SUBSTANCE	EPA HW NO.	CHG. NO.	COMMENTS
1X20#	WASTE HYDROXY PROPYL METHYL	NR		
	WASTE CELLULOSE			
	WASTE			
1X1PT	WASTE SODIUM BICARBONATE AND	NR		
	WASTE WATER			
	WASTE			
1X1PT	WASTE 2-METHYL-3-PHENYLISOXAZOLIN-	NR		
	WASTE 5-ONE			
2X1/2 gal	WASTE [illegible] AQUEOUS MIXTURE			
	WASTE OF ACRYLATE POLYMER AND			
	WASTE STYRENE-MALEIC ANHYDRIDE	NR		
	WASTE COPOLYMER			
	WASTE			
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DRUM INVENTORY

Drum Type: 16 GAL / PLASTIC

Drum Number: DPP-170

Generator: DUPONT - PARLIN

Hazard Class: CORROSIVE LIQUID

WPS #: NYS-797233

DATE: 4/21/87

Project #: ~~6067~~ 6087

Manifest #: ______

CHEMICAL WASTE MANAGEMENT, INC.

QUANTITY	HAZARDOUS SUBSTANCE	EPA HW NO.	CHG. NO.	COMMENTS
2 X 2.5 gal	WASTE "DAXAD 11" SOLUTION OF	D002		pH 10-11
	WASTE SODIUM NAPHTHALENE SULPHONATE -			[illegible]
	WASTE FORMALDEHYDE COPOLYMER			
	WASTE DISPERSANT			
	WASTE			
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DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal Plastic

WPS #: 005-79233

Drum Number: DPP-571

Date: 4/24/87

Generator: Dupont - Pencil

Project #: 6067-0089

Hazard Class: Oxidizer

Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x1/2 lb	WASTE Sodium Perchlorate	D001	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 GALLON PLASTIC
WPS #: HTS-T97233
Drum Number: DPP-172
Date: 4/22/87
Generator: DUPONT PARLIN
Project #: 6067-6089
Hazard Class: HAZARDOUS WASTE SOLID, NOS ORM-E NA989
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1X1½lb	WASTE 2,4,6-TRIMETHYL BENZAMIDE	NR	
	WASTE AZIE		
	WASTE		
39X10z	WASTE AZO DYES	NR	
	WASTE		
1X¼lb	WASTE CARBON BLACK	NR	
	WASTE		
1X¼lb	WASTE TRYPSIN	NR	
	WASTE		
1X20z	WASTE DISODIUM ETHYLENEDIAMINE	NR	
	WASTE TETRAACETATE		
	WASTE		
1X1½lb	WASTE SODIUM METAPHOSPHATE	NR	
	WASTE		
1XTRACE	WASTE CONTAMINATED TWEEKS &	NR	
	WASTE GLOVES		
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 gal pl
Drum Number: DPP-24
Generator: Dupont - Parlin
Hazard Class: WPB L, NOS

WPS #: NTS-197233
Date: 3-30-86
Project #: ~~6087~~ 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2x50gm	WASTE Dinitrobenzene		
	WASTE		
1x1#	WASTE b-Naphthylamine	U167	
	WASTE		
1x3oz	WASTE o-Toluidine	NR	
	WASTE		
2x3oz	WASTE o-Anisidine	NR	
	WASTE		
[redacted]	WASTE [redacted]	[redacted]	
	WASTE		
1x60gm	WASTE Iodine, solid	NR	
	WASTE		
1x1#	WASTE Tetramethyl thiuram mono-	NR	
	WASTE sulfide		
	WASTE		
1x½#	WASTE 3-Amino-1.2.4-Triazole	NR	
	WASTE		
8x1#	WASTE Potassium Ferricyanide	NR	
	WASTE		
1x¼#	WASTE Tyvek, gloves		
	WASTE		
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NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 gal pl.
Drum Number: DPP-27
Generator: Dupont-Parlin
Hazard Class: WPB L, Nos

WPS #: NTS-T97233
Date: 3-30-86
Project #: ~~6086~~ 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2x 4/2 gm	WASTE m-Dinitrobenzene	NR	
	WASTE		
1x 100 gm	WASTE 1-Naphthylamine	U167	
	WASTE		
1x 10 gm	WASTE Phenylenediamine	NR	
	WASTE		
1x 100 gm	WASTE Iodine, resublimed crystals	NR	
	WASTE		
1x 1 lb	WASTE Barium Hydroxide	D005	
	WASTE		
1x 1 gl	WASTE Benzaldehyde, chlorine free	NR	
	WASTE		
1x 1 gm	WASTE 3,3'-Diethyl-2,2'-oxacyanine	NR	
	WASTE iodide		
	WASTE		
6x 1 lb	WASTE Potassium Cyanide	NR	
	WASTE		
1x 100 gm	WASTE N-Formyl-N'-Phenylhydrazine	NR	
	WASTE		
1x 10 gm	WASTE 3-(4-Phenyl-2-Pyridyl)-5-	NR	
	WASTE Phenyl-1,2,4-Triazine		
	WASTE disulfonic acid Disodium		
	WASTE salt		
	WASTE		
1x 4.5 lb	WASTE Hydroquinone	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 gal pl.
Drum Number: DRP-45
Generator: Dupont Parlin
Hazard Class: WPBS, NOS

WPS #: NTS-19723
Date: 3-30-86
Project #: ~~6087~~ 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY		HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2x 40 gm	WASTE	Dinitrobenzene	NR	
	WASTE			
1x 1#	WASTE	p-Phenylenediamine	NR	
	WASTE			
1x ½ #	WASTE	Resorcinol	U201	
	WASTE			
1x 3#	WASTE	Potassium Thiocyanate	NR	
	WASTE			
1x 100 gm	WASTE	Carbon Tetrabromide	NR	
1x 10 gm	WASTE	" "	NR	
4x 30 gm	WASTE	" "	"	
	WASTE			
	WASTE			
1x 10 gm	WASTE	Formylhydrazine	NR	
	WASTE			
1x 1#	WASTE	Paraffin Wax	NR	
	WASTE			
1x 1#	WASTE	Sodium Thiocyanate	NR	
	WASTE			
5x 1#	WASTE	Sodium Dichromate	NR	
	WASTE			
1x 1#	WASTE	Barium Sulfide	D005	
	WASTE			
1x 100 gm	WASTE	4-Dimethylaminopyridine	NR	
	WASTE			
	WASTE			
	WASTE			
	WASTE			
	WASTE			
	WASTE			

NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 gal pl
Drum Number: DPP-414
Generator: Dupont-Pallin
Hazard Class: W, PBS, NOS

WPS #: NTS-T9723
Date: 3-30-26
Project #: ~~6065~~ 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
4 x 100 gm	WASTE Carbon Tetrabromide	NR	
1 x 2#	WASTE Zinc Stearate	NR	
1 x 1.5#	WASTE Resorcinol	U201	
1 x 1 gal	WASTE Urethane resin (Polybutadiene)	NR	
2 x 200 gm	WASTE Sodium Dichromate	NR	
	WASTE		
1 x 50 gm	WASTE p-Phenylenediamine	NR	
	WASTE		
1 x 100 gm	WASTE Pyrogallol	NR	
	WASTE		
1 x 25 gm	WASTE N-Phenyl-p-phenylenediamine	NR	
	WASTE Monohydrate		
	WASTE		
1 x 4 oz	WASTE Barium Oxalate	D005	
	WASTE		
3 x 1#	WASTE Potassium Cyanide		
	WASTE		
1 x 100 gm	WASTE 1-Phenyl-3-pyrazolidinone	NR	
	WASTE		
1 x 5 gm	WASTE Hexadimethrine bromide	NR	
	WASTE		
1 x 20z x trace	WASTE Glass bottle contaminated	NR	
	WASTE w/ trace amounts of		
	WASTE Selenium		
	WASTE		
1 x 30 gm	WASTE Thioacetamide	NR	
	WASTE		
2 x 50 gm	WASTE Dinitrobenzene		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 gal pl
Drum Number: DPP-47
Generator: Rupert Parlin
Hazard Class: WPBS, NOS

WPS #: NTS-197233
Date: 3-30-86
Project #: ~~6058~~ 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x 1#	WASTE Resorcinol	U201	
	WASTE		
1x 2.5#	WASTE Barium Acetate	D005	
	WASTE		
2x 44 gm	WASTE Dinitrobenzene	NR	
	WASTE		
1x 1#	WASTE Copper (ous) Cyanide	P029	
	WASTE		
1x 1#	WASTE Potassium Cyanate	NR	
	WASTE		
2x 25 gm	WASTE Tetraphenylarsenic chloride	D004	
	WASTE (Hydrated)		
	WASTE		
1x 1.5#	WASTE Benzoin	NR	
	WASTE		
1x 25 gm	WASTE 4-Cyanophenol	NR	
	WASTE		
1x 100 gm	WASTE Cadmium Sulfate	D006	
	WASTE		
1x 2#	WASTE CYMEL 300 - Hexamethoxy	NR	
	WASTE methylmelamine		
	WASTE		
1x 1#	WASTE Barium Chloride	D005	
	WASTE		
1x 2#	WASTE Benzophenone	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 gal plast. | WPS #: NTS-T97253

Drum Number: DPP-50 | Date: 3-30-86

Generator: Dupont Parlin | Project #: ~~6086~~ 6087

Hazard Class: WPBS, NOC | Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2x40gm	WASTE Dinitrobenzene	NR	
	WASTE		
1x 1/4#	WASTE Tyvek, cardboard	NR	
	WASTE		
	WASTE		
1x 1/4 #	WASTE Resorcinol	U201	
	WASTE		
	WASTE Copper(ous) Cyanide	NR	
	WASTE		
1x 1#	WASTE Chromium Octoate, paste	D007	
	WASTE		
1x 10#	WASTE Victoria Blue - azo dye.	NR	
	WASTE		
1x 1/4#	WASTE Benzophenone	NR	
	WASTE		
1x 1.5#	WASTE Carbowax 1000 paraf. N	NR	
	WASTE		
	WASTE		
	WASTE		
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	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 gal pl
Drum Number: DPP-53
Generator: Dupont-Parlin
Hazard Class: WP[illegible], NOS

WPS #: NTS-T9723
Date: 3-30-86
Project #: ~~0006~~ 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2x50gal	WASTE Dinitrobenzene	NR	
	WASTE		
1x 1/4 #	WASTE Sodium Cyanide	P106	
	WASTE		
1x 1/4 #	WASTE o-Tolidine Dihydrochloride	NR	
	WASTE		
1x 1 pt	WASTE Propylene Glycol	NR	
	WASTE		
1x1#, 1x1/6#	WASTE AZO-dyes, dry	NR	
	WASTE		
1x10 #	WASTE Rice Starch, bagged in	NR	
	WASTE plastic		
	WASTE		
1x10 #	WASTE Chloral hydrogui None	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Page ____ of ____

Drum Type: 16 gal/plastic
Drum Number: DPP-55
Generator: DuPont-PARLIN
Hazard Class: OXIDIZER

WPS #: NTS-T97233
Date: 3/31/86
Project #: ~~6~~ 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2X1lb	WASTE Potassium Persulfate	D001	
	WASTE		
1X1lb	WASTE Potassium Bromate	D001	
	WASTE		
1X1lb	WASTE Cupric Nitrate	D001	
	WASTE		
1X1/2lb	WASTE Chromic Acid	D001	
	WASTE		
1X3lb	WASTE Potassium Nitrate	D001	
	WASTE		
1X1pt.	WASTE Manganese Nitrate	D001	
	WASTE		
1X1/2lb	WASTE Ammonium Dichromate	D001	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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	WASTE		
	WASTE		
	WASTE		
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	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY Page ____ of ____

Drum Type: 16 gal / plastic
Drum Number: DPP-56
Generator: DuPont - PAILLIN
Hazard Class: OXIDIZER MATERIAL, NOS

WPS #: NTS-T97333
Date: 3/31/86
Project #: 6087
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
6 x 1lb	WASTE Potassium Nitrite	D001	
	WASTE		
1 x 1lb	WASTE Potassium Nitrite	D001	
	WASTE		
2 x 1lb	WASTE Nickel Nitrate	D001	
	WASTE		
2 x 1lb	WASTE Strontium nitrate	D001	
	WASTE		
	WASTE		
	WASTE		
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	WASTE		

NR — Non Regulated

DRUM INVENTORY Page ____ of ____

Drum Type: 16 gal / plastic
Drum Number: DPP-57
Generator: DuPont - PARLIN
Hazard Class: ORM-[redacted], SOLID

WPS #: NJS-1 97233
Date: 3/31/86
Project #: ~~[redacted]~~ 6087
Manifest #: ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
[redacted]	WASTE [redacted]	[redacted]	
	WASTE		
8X1lb	WASTE Ammonium Sulfite	NR	
	WASTE		
1X1lb	WASTE Ammonium Sulfite	NR	
	WASTE		
1X1lb	WASTE Ammonium Sulfite	NR	
	WASTE		
1X1lb	WASTE Ammonium Sulfite	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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	WASTE		

NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 gal pl.
Drum Number: DPP-63
Generator: Dupont Parlin
Hazard Class: WPB$, NOS

WPS #: NJS T97232
Date: 3-30-86
Project #: ~~6[illegible]~~ 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1 x 500 gm	WASTE Phenol	U188	
	WASTE		
1 x 100 gm	WASTE Carbon Tetrabromide	NR	
	WASTE		
2 x 40 gm	WASTE Dinitrobenzene	NR	
	WASTE		
1 x 3 lb	WASTE Hydroquinone, solid	NR	
	WASTE		
1 x 1 lb	WASTE Linear ethoxylated long	NR	
1 x 1/4 lb	WASTE chain polymer, solid		
	WASTE		
1 x 1 lb	WASTE Sodium Oleate	NR	
	WASTE		
1 x 1/2 lb	WASTE Lithium Bromide	NR	
	WASTE		
1 x 2 lb	WASTE Sodium Tetraphosphate	NR	
	WASTE		
1 x 10 gm	WASTE Sodium Thiocyanate	NR	
	WASTE		
1 x 1 lb	WASTE 1,2- Benzenediol cryst	NR	
	WASTE		
1 x 33 gm	WASTE Sodium Tetraphenylboron	NR	
	WASTE		
2 x 100 gm	WASTE 2-Mercaptobenzothiazole	NR	
	WASTE		
1 x 1 lb	WASTE Ethyl Carbamate	NR	
	WASTE		
1 x 100 gm	WASTE Furoyl-acet-2,5-dimethoxy	NR	
	WASTE -Aniline		

NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 gal pl.
Drum Number: DPP-67
Generator: Dupont-Parlin
Hazard Class: W, PBS, NOS

WPS #: NTS-7972
Date: 3-30-87
Project #: ~~6887~~ 6887
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2x50 gal	WASTE Dinitrobenzene	NR	
	WASTE		
1x1#	WASTE 4,4-Oxybis(benzenesulfonyl hydrazide)	NR	
	WASTE		
	WASTE		
	WASTE		
1x1.1#	WASTE Sodium Potassium Tartrate	NR	
	WASTE		
1x1#	WASTE Cuprous Cyanide	P029	
	WASTE		
	WASTE		
1x60#	WASTE 1,1,1 - Trichloroethane, unused	F001	
	WASTE		
1x1#	WASTE Starch, soluble	NR	
	WASTE		
1x1#	WASTE Phenothiazine	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 gal plastic
Drum Number: DPP-70
Generator: Dupont - Parlin
Hazard Class: WPBS, n.o.

WPS #: NTS-T97233
Date: 3-30-86
Project #: ~~6068~~ 6054
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY		HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1 x 1 kg	WASTE	2-Mercaptobenzothiazole	NP	
2 x 100 gm	WASTE	" " " " "		
	WASTE			
	WASTE			
1 x 1 lb	WASTE	Furaylact-3,5-Dimethoxy	NR	
	WASTE	anilide		
	WASTE			
2 x 45 gm	WASTE	Dinitrobenzene	NR	
	WASTE			
1 x 200 gm	WASTE	Beta-Naphthol	NR	
	WASTE			
1 x 100 gm	WASTE	1-Napthylamine	U167	
	WASTE			
2 x 25 g	WASTE	Benzyl sulfonide	NR	
	WASTE			
1 x 100 gm	WASTE	4-tert-Butylcatechol	NR	
	WASTE			
1 x 3 lb	WASTE	Cyclohexanone Oxime	NR	
	WASTE			
	WASTE			
	WASTE			
	WASTE			
	WASTE			
	WASTE			
	WASTE			
	WASTE			
	WASTE			
	WASTE			
	WASTE			
	WASTE			
	WASTE			

NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 gal pl.
Drum Number: DPP-72
Generator: Dupont-Parlin
Hazard Class: WPBL, NR

WPS #: NTS-F97233
Date: 3-30-86
Project #: ~~0063~~ 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2x50 gm	WASTE Dinitrobenzene	NR	
	WASTE		
1x1gl	WASTE Acetophenone	NR	
	WASTE		
1x1lpt	WASTE Iso-Amyl phthalate	NR	
	WASTE		
1x1qt	WASTE Dodecenyl Succinic Anhydride	NR	
	WASTE		
1x5 gm	WASTE Rhodium Potassium Cyanide	P030	
	WASTE		
1x30z	WASTE ~~Vacuum~~ Vaccuum Pump oil	NR	
	WASTE		
1x1#	WASTE 1-Naphthalene sulfonic Acid	NR	Solid
	WASTE		
	WASTE		
1x4#	WASTE Irganox 1019 - hindered poly-phenol	NR	
	WASTE		
	WASTE		
1x50gm	WASTE 2-Mercaptobenzothiazole	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY Page 1 of 1

Drum Type: ~~55 gal~~ 16 gal pl.
Drum Number: DPP-74
Generator: Dupont-Parlin
Hazard Class: Waste, Poison B Liquids

WPS #: NTS-J97233
Date: 3-30-86
Project #: ~~6005~~ 6007
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x1#	WASTE n-Dodecenyl Succinic anhydride	NR	
1x1#	WASTE 1-Naphthylamine-2-sulfonic acid, sodium salt	NR	
2x1#	WASTE 1-Naphthylamine-4,5-Di-sulfonic Acid	NR	
1x1#	WASTE Dimethyl Terephthalate	NR	
1x1#	WASTE Sodium Formaldehyde Bisulfite	NR	
2x50g.	WASTE Dinitrobenzene	NR	
1x4oz	WASTE Phenyl Chloroacetate		
1x½pt	WASTE Acetophenone	~~NR~~ U004	
1x½#	WASTE p-Aminobenzoic Acid	NR	
1x8oz	WASTE Retractasil-silicon fluid + solvent	NR	
1x500g	WASTE Aluminon-Aurintricarboxylic Acid Ammonium Salt	NR	
1x¼#	WASTE 2-mercaptobenzothiazole	NR	
1x1#	WASTE p-Methoxy phenol		
1x1#	WASTE p-(Dimethylamino) benzenesulfonic acid, sodium salt	NR	
1x¼#	WASTE Ethyl Carbamate	U238	

NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 gal pl.
Drum Number: DPP-75
Generator: Dupont-Parlin
Hazard Class: WPBS, NOS

WPS #: NTS-T97233
Date: 3-30-86
Project #: ~~6067~~ 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2x 49gms	WASTE Dinitrobenzene	NR	
	WASTE		
1x 1#	WASTE 1-Naphthylamine-2-	NR	
	WASTE sulfonic acid		
	WASTE		
1x 250gm	WASTE Chloranil	NR	
	WASTE		
1x 250gm	WASTE p-Toluenesulfonamide	NR	
	WASTE		
1x 8oz	WASTE 'Refractasil' - Silicone fluid	NR	
	WASTE		
1x 1#	WASTE Ethyl Carbamate	U238	
	WASTE		
	WASTE		
1x 1#	WASTE 1-Naphthol-4-Sulfonic Acid,	NR	
	WASTE sodium salt		
	WASTE		
1x 1#	WASTE Potassium Silicate	NR	
	WASTE		
1x 100gms	WASTE Potassium Biphthalate	NR	
	WASTE		
2x 25gm	WASTE 2-Mercaptobenzothiazole	NR	
	WASTE		
1x 100gm	WASTE 'Aluminon' - Aurintricarboxylic	NR	
	WASTE Acid, Ammonium Salt		
	WASTE		
1x 2#	WASTE Sodium Sulfite Anhydrous	NR	
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 gal plastic
Drum Number: DPP-78
Generator: Dupont - Parlin
Hazard Class: WPB non

WPS #: NTS-T97233
Date: 3-30-86
Project #: ~~6085~~ 6089
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x100gms	WASTE Dinitroaniline	NR	
	WASTE		
1x1/2gm	WASTE Ethyl Carbamate	~~NR~~	1 in 30
	WASTE		
1x1#	WASTE Polyvinyl alcohol copolymer	NR	
	WASTE		
1x1/2#	WASTE Nickel Diisobutyl dithiocarbamate	NR	
1x10gm	WASTE " " " "	"	
	WASTE		
2x1pt	WASTE 'Celrad 3200' - acrylate resin	NR	Solid
1x1pt	WASTE " " " "		
	WASTE		
~~2x1#~~	WASTE		
2x1#	WASTE Nickel Dibutyl dithiocarbamate	NR	
	WASTE		
2x1#	WASTE Epoxy Resin	NR	
	WASTE		
2x2oz	WASTE 'Cure' - Thiodiethyleneglycol	NR	
	WASTE Diacrylate		
	WASTE		
1x1#	WASTE 2-Mercaptotolumidazole	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 gal pl.
Drum Number: DPP-80
Generator: Dupont - Parlin, NJ
Hazard Class: Poisons B. Liquid

WPS #: NTS-T9725S
Date: 3-30-86
Project #: ~~006~~ 86087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1 x 2 #	WASTE 2-Benzothiazolethiol	NR	
	WASTE		
1 x 1 gm	WASTE (±)-Tetrahydropapaveroline hydrobromide	NR	
[redacted]	WASTE		
	WASTE		
	WASTE		
1 x 15 #	WASTE Nickel Dibutyldithiocarbamate	NR	
	WASTE		
1 + 10 g	WASTE (+)-Catechin hydrate	NR	
	WASTE		
	WASTE		
1 x 6 oz	WASTE Saturated Potassium	NR	
	WASTE Chloride Solution		
	WASTE pH = 7		
	WASTE		
1 x 10 #	WASTE Organo-Azo-dye		
	WASTE	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 gal pl
Drum Number: DPP-81
Generator: Dupont Parlin
Hazard Class: WPBL, NOS

WPS #: NTS-T7725
Date: 3-30-86
Project #: ~~3-30-86~~ C6008
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1 x ½ #	WASTE ethyl carbamate	~~P~~ U238	
	WASTE		
2 x 1 gt	WASTE acrylate Resin	NC	
	WASTE		
1 x 1 #	WASTE Nickel Dibutyldithiocarbamate	NR	
	WASTE		
1 x 1 #	WASTE Zinc-2-Mercaptotoluimidazole	NR	
	WASTE		
1 x 1 #	WASTE Diphenyl-para-phenylene-diamine	NR	
	WASTE		
2 x 50 gm	WASTE Dinitrobenzene	NR	
	WASTE		
2 x 1 #	WASTE N,N-diphenyl-para-phenylenediamine	NR	
	WASTE		
1 x 4 #	WASTE Dimezone S developing agent -	NC	
1 x ½ #	WASTE containing Hydroquinone		
	WASTE		
1 x ½ #	WASTE Methyl Chloroform	NR	
	WASTE		
1 x 30 g	WASTE Diethyl Ethylphosphonate	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 gal plastic
Drum Number: DPD-82
Generator: Dupont-Parlin
Hazard Class: WPBL, NOS.

WPS #: NTS-T97233
Date: 3-30-86
Project #: 860870
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x100 gm	WASTE 1,8-Dinitronaphthalene	NR	
	WASTE		
1 x 1/4#	WASTE Ethyl Carbamate	U238	
	WASTE		
	WASTE		
1x1gal	WASTE Acrylate Resin 'Calad'	NR	
	WASTE		
	WASTE		
1x4#	WASTE Sodium Sulfite	NR	
	WASTE		
1x10oz	WASTE Non-ionic surfactant	NR	
	WASTE		
1x4oz	WASTE Dibutyltin dilaurate	NR	
	WASTE		
1x2#	WASTE Di-n-octyl succinate	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 gal pl.
Drum Number: DPP-84
Generator: Dupont-Parlin
Hazard Class: WPBL, NOS

WPS #: NTS-T9723
Date: 3-30-86
Project #: ~~6[illegible]~~ 86087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
2x 1 qt	WASTE Acrylate Resin	NR	
	WASTE		
1 x 1/4 #	WASTE Ethyl Carbamate	U238	
	WASTE		
2x 1/2 gal	WASTE Sodium Thiosulfate and	NR	
1 x 1/4 gal	WASTE water Solution	NR	
	WASTE		
1 x 1/2 gal	WASTE Starch, Water Solution	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 gal plastic
Drum Number: DPP-90
Generator: Dupont - Parlin
Hazard Class: Waste Flammable Liquid, n.o.s.

WPS #: NTS-T7233
Date: 3-30-86
Project #: ~~6085~~ 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY		HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1 x 1/4 gal	WASTE	Crystal Violet (.5%) in ethanol	D001	
	WASTE			
	WASTE			
1 x 3oz	WASTE	Methylene Chloride	NR	
	WASTE			
1 x 3oz	WASTE	Diethyl Phthalate	NR	
	WASTE			
1 x 1/2 gal	WASTE	Triethanolamine	NR	
	WASTE			
1 x 1 qt	WASTE	Diisobutyl Phthalate	NR	
	WASTE			
1 x 1/2 pt	WASTE	Cupric Naphthenate	NR	
	WASTE			
1 x 7oz	WASTE	Barium/Cadmium/Zinc	D005, D006	
	WASTE	Liquid Soap complex		
	WASTE			
1 x 8oz	WASTE	'Autotype' - contains Water,		
	WASTE	Digestion by, polymers and	NR	
	WASTE	Solvents		
	WASTE			
1 x 1/2 pt	WASTE	Ethylidene Diacetate		
	WASTE			
	WASTE			
1 x 1 gal	WASTE	Crystal Violet in ethanol	D001	
	WASTE			
	WASTE			
	WASTE			
	WASTE			
	WASTE			

NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 gal pl
Drum Number: DPP-93
Generator: Dupont-Parlin
Hazard Class: W, Ox, NOS

WPS #: NTS-T97233
Date: 3-30-96
Project #: 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x 1/2#	WASTE Thallium Nitrate	D001, U 17	
	WASTE		
1x 1/2#	WASTE [redacted] Lead Chromate	D001, D008, D007	
	WASTE		
1x 100gm	WASTE Barium 2,4-pentanedionate	NR	
	WASTE		
2X1 3/4	WASTE POTASSIUM DICHROMATE	NR	
	WASTE SOLUTION (1000 PPM)		
1x 8oz	WASTE Sodium Hypochlorite	D001	
	WASTE		
1x 50gm	WASTE Thallium(as) Nitrate	D001	U217
1x 1/2	WASTE [illegible]	[illegible]	[illegible]
2x 1/4 lb	WASTE POTASSIUM DICHROMATE	[illegible]	
1x 1/2 lb	WASTE Sodium Dichromate	[illegible]	
1x 5 lb	WASTE POTASSIUM DICHROMATE	[illegible]	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 gal pl.
Drum Number: DRP-108
Generator: Dupont - Pauli
Hazard Class: WFL UN1993

WPS #: 4TS-T97233
Date: 3-30-96
Project #: 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1 x 1.5 pt	WASTE Isopropylamine	D001	
[redacted]	WASTE	[redacted]	
	WASTE		
1 x 1 pt	WASTE Triethylamine	NR	combust
1 x 1 pt	WASTE " " "	NR	"
	WASTE		
1 x 6 oz	WASTE Propylamine	D001	
1 x 4 oz	WASTE " "	D001	
	WASTE		
1 x 1 pt	WASTE Dimethylamine	NR	combust
	WASTE		
1 x 1 pt	WASTE Dihydropyridine	NR	
	WASTE		
1 x 1.5 pt	WASTE Methyl pyrrole	D001	
	WASTE		
1 x 1 pt	WASTE Methyl pyrrolidone	NR	
	WASTE		
	WASTE		
1 x 1 pt	WASTE Isobutylamine	D001	
	WASTE		
1 x 2/3 pt	WASTE Ethylamine	D001	
	WASTE		
1 x 1 pt	WASTE 1,2-Dichloroethane	NR	
	WASTE		
1 x 60 g	WASTE Trimethylamine	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 gal pl
Drum Number: DPP-109
Generator: Dupont-Parlin
Hazard Class: WFL, NOS

WPS #: NTS-T97233
Date: 3-30-86
Project #: ~~6067~~ 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x 3/4 qt	WASTE Acetonitrile	D001	
	WASTE		
1x 1.1 pt	WASTE Heptanes	D001	
	WASTE		
1x 1qt x trace	WASTE Empty bottle last containing:	D001	
	WASTE 1,1-Dichloroethylene		
	WASTE		
1x 1qt	WASTE tert-Butylamine	D001	
	WASTE		
1x 1pt	WASTE ortho-Butylamine	D001	
	WASTE		
1x 6oz	WASTE Heptanes	D001	
	WASTE		
1x 6oz x trace	WASTE Borane-dimethylamine complex	NR	combust
	WASTE		
1x 1 lb	WASTE N-Aminophenyl Morpholine	NR	
	WASTE		
1x 1pt	WASTE Pyridine		
	WASTE		
1x 1qt x trace	WASTE Empty bottle last containing	NR	
	WASTE propylamine		
	WASTE		
1x 1pt	WASTE n-ethyl-n-butylamine	D001	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 gal pl
Drum Number: DPP-110
Generator: Dupont - Parlin
Hazard Class: WFL, No:

WPS #: NTS-T9725
Date: 3-30-86
Project #: ~~6067~~ 6085
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1 X 1 pl	WASTE Pyridine	D001	
	WASTE		
1 X 1 pt	WASTE Isopropylamine	D001	
	WASTE		
1 X 1.1 pl	WASTE Triethylamine	D001	
	WASTE		
1 X 2 pt	WASTE Iso-Propylamine	D001	
	WASTE		
1 X 1 gal	WASTE Polyester Adhesive	NR	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Page 1 of 1

Drum Type: 16 gal pl.
Drum Number: DPP-111
Generator: DuPont-Parlin
Hazard Class: WFL, NOS

WPS #: NTS-19725
Date: 3-30-86
Project #: ~~602~~-6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x1pt	WASTE Pyridine	D001	
	WASTE		
2x1gal	WASTE Polyester Adhesive	NR	combust
	WASTE		
1x1pt	WASTE 1,4-Dichlorobutane	NR	combust
	WASTE		
1x1pt	WASTE Nitromethane	NR	combust
	WASTE		
1x3oz	WASTE Acetaldehyde	D001	
1x4oz	WASTE "	D001	
1x2oz	WASTE "	D001	
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
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	WASTE		
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	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 gal pl.
Drum Number: DPP-112
Generator: DuPont - Parlin
Hazard Class: VJ FL, NOS.

WPS #: NTS-T9725 3
Date: 3-30-86
Project #: ~~CCCD~~ 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x1pt	WASTE Pyridine	D001	
1x1pt	WASTE Nitromethane		
2x5oz	WASTE Acetaldehyde	D001	
1x3oz	WASTE " "	D001	
1x2oz	WASTE " "	D001	
1x4oz	WASTE Thiophene	NR	combust
1x½pt	WASTE methylal	D001	
1x1gal	WASTE Polyester Adhesive	NR	combust
1x2oz	WASTE Girard's 'T' Reagent + solvents	NR	Combust
1x1pt	WASTE Tetrahydropyran	D001	

NR — Non Regulated

DRUM INVENTORY

Drum Type: [redacted] 16 gal pl
Drum Number: DPP-[redacted] 113
Generator: Dupont - Parlin
Hazard Class: [redacted]

WPS # NJ-T17233
Date 3-30-86
Project # ~~6867~~ 6080
Manifest # ____

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x 3#	WASTE 'Initiator QY' - Alpha Alpha-	NR	
1x Vgn	WASTE Azobis (Isobutyramidine)		
	WASTE Dihydrochloride		
	WASTE		
1x 3/4 #	WASTE Phenylhydrazine Hydro-	NR	
	WASTE chloride		
1x 5 2	WASTE [illegible]	NR	
	WASTE (In Alcohol)		
[illegible]	WASTE [illegible]	[illegible]	
[illegible]	WASTE [illegible]	[illegible]	
[illegible]	WASTE [illegible]	[illegible]	
8 [illegible]	WASTE [illegible]	[illegible]	
	WASTE		
1x 250ml	WASTE Water, Polymer, and dyes	NR	
	WASTE Auxiliaries		
	WASTE		
	WASTE		
	WASTE		
1x 3#	WASTE Xanthodretic acid	NR	
	WASTE monoamide		
	WASTE		
1x 100	WASTE 'Aluminon' Aurintri-	NR	
	WASTE carboxylic Acid		
	WASTE Ammonium salt		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

DRUM INVENTORY

Drum Type: 16 gal pl.
Drum Number: DPP-136
Generator: Dupont Paulin
Hazard Class: Waste, Flammable Liquid, NOS

WPS #: NTS-T97233
Date: 3-30-86
Project #: ~~6087~~ 6087
Manifest #:

CHEMICAL WASTE MANAGEMENT, INC. / LAB WASTE DEPARTMENT

QUANTITY	HAZARDOUS SUBSTANCE	EPA # OR STATE #	COMMENTS
1x2 gal	WASTE Polybutadiene	D001	
	WASTE		
	WASTE		
2x1 1 qt	WASTE Standard Water in Methanol	D001	
	WASTE		
	WASTE		
2x1 1 qt	WASTE s-Tetrachloroethane	NR	
	WASTE		
	WASTE		
1x1 pt	WASTE Formaldehyde in a 15%	D001	
	WASTE methanol solution		
	WASTE		
1x1 pt x trace	WASTE Methanol	NR	
	WASTE		
1x ½ pt	WASTE Motor oil for a Toyota Celica S	NR	
	WASTE (10W30)		
	WASTE		
1x1 pt	WASTE Pliobond adhesive with	D001	
	WASTE ethyl acetate and MEK		
	WASTE as a solvent		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		
	WASTE		

NR — Non Regulated

TO: Ed Brennan
Section 313 Task Team

CC: Bob Goldner

FROM: George Osei

May 16, 1988

SECTION 313 HAZARDOUS WASTE SHIPPED IN 1987

Following is a list of chemicals and the locations they were shipped to in 1987:

FP Manufacturing Area

Chemical Name	From Sheet 1	From Sheet 2	
Acetone	166277 (SolRec)	125,589	Ross
Acrylonitrile	0	1,392	Ross
Butyl Acrylate	19886 (Chambers)	408 ~~25,536~~	Ross
Ethyl Acrylate	656 (Ensco)	0	
Ethylene Glycol	16896 (SCA Chem)	0	
MEK	7248 (SolRec)	77,679	Ross
Methanol	0	2,330	Ross
Methyl Methacrylat	0	2,164	Ross
Methylene Chloride	0	49,696	Ross
N-Butyl Alcohol	0	12,548	Ross
Toluene	140704 (SolRec)	225,379	Ross
Xylene	130308 (SolRec)	0	

IMG Manufacturing Area

Chemical Name	Total(lbs.)	
Acetone	11,834	(2-CWME;7944-Rollins;3888-Chambers)
Acrylonitrile	256	(TWI)
MEK	11,432	(200-CWME;7344-Rollins;3888-Chambers
Methanol	10,547	(4784-Rollins;5763-Chambers)
Methyl Methacrylate	1,760	(880-CWME;880-CWMN)
Methylene Chloride	2,482	(522-CWME;1960-Rollins)
N-Butyl Alcohol	10,476	(7712-Rollins;2764-Chambers)
Toluene	2,082	(792-Rollins;1122-Chambers;168-CWMN)
Vinylidene Chloride	2,600	(400-CWME;2200-CWMN)

FP SHEET 1

SARA TITLE III

QUANTITY OF HW SHIPPED IN 1987-FP DEPT.

MANIFEST NUMBER	CHEMICAL NAME	MANIFEST QUANTITY	MANIFEST UNITS	QTY. IN POUNDS	TSDF
AR 164380	2-Ethyl Hexyl Acryla	83	Gallons	664	Ensco
NJA 0179283	Acetone	2017	Gallons	16136	SolRec
NJA 0206039	Acetone	1733	Gallons	13864	SolRecT04
NJA 0206041	Acetone	770	Gallons	6160	SolRecT04
NJA 0206042	Acetone	770	Gallons	6160	SolRecT04
NJA 0284063	Acetone	1440	Gallons	11520	SolRecT04
NJA 0284064	Acetone	805	Gallons	6440	SolRecT04
NJA 0284065	Acetone	1911	Gallons	15288	SolRecT04
NJA 0284067	Acetone	1485	Gallons	11880	SolRecT04
NJA 0284070	Acetone	906	Gallons	7248	SolRecT04
NJA 0284071	Acetone	770	Gallons	6160	SolRecT04
NJA 0284072	Acetone	763	Gallons	6104	SolRecT04
NJA 0284073	Acetone	709	Gallons	5672	SolRecT04
NJA 0284074	Acetone	700	Gallons	5600	SolRecT04
NJA 0284078	Acetone	2000	Gallons	16000	SolRecT06
NJA 0284094	Acetone	510	Gallons	4080	SolRecT04
NJA 0284108	Acetone	2136	Gallons	17088	SolRecT04
NJA 0375859	Acetone	5438	Pounds	5438	SolRecT04
NJA 0375859	Acetone	5439	Pounds	5439	SolRecT04
NJA 0284087	Butyl Acrylate	9943	Pounds	9943	Chambers
NJA 0284088	Butyl Acrylate	9943	Pounds	9943	Chambers
AR 164380	Ethyl Acrylate Monom	82	Gallons	656	Ensco
NJA 0206003	Ethylene Glycol	2112	Gallons	16896	SCA Chem
NJA 0375855	Ganacin	29980	Pounds	29980	
NJA 0206041	Ketone	770	Gallons	6160	SolRecT04
NJA 0206042	Ketone	770	Gallons	6160	SolRecT04
NJA 0284064	Ketone	805	Gallons	6440	SolRecT04
NJA 0284071	Ketone	770	Gallons	6160	SolRecT04
NJA 0284072	Ketone	763	Gallons	6104	SolRecT04
NJA 0284073	Ketone	709	Gallons	5672	SolRecT04
NJA 0284074	Ketone	700	Gallons	5600	SolRecT04
NJA 0375859	Ketone	5439	Pounds	5439	SolRecT04
NJA 0375859	Ketone	5439	Pounds	5439	SolRecT04
NJA 0284094	Ketones	510	Gallons	4080	SolRecT04
NJA 0284070	MEK	906	Gallons	7248	SolRecT04
NJA 0284096	No Description	12000	Pounds	12000	
AR 164380	N-Butyl Methacrylate	2200	Pounds	2200	Ensco
NJA 0179283	Pigment	252	Gallons	2016	
NJA 0206039	Pigment	217	Gallons	1736	
NJA 0284063	Pigment	180	Gallons	1440	
NJA 0284065	Pigment	239	Gallons	1912	
NJA 0284067	Pigment	186	Gallons	1488	
NJA 0284078	Pigment	250	Gallons	2000	
NJA 0284108	Pigment	267	Gallons	2136	
NJA 0179283	Toluene	2017	Gallons	16136	SolRec
NJA 0206039	Toluene	1733	Gallons	13864	SolRecT04
NJA 0206041	Toluene	440	Gallons	3520	SolRecT04

!NJA 0206042	!Toluene	440	!Gallons	3520	!SolRecT04
!NJA 0284063	!Toluene	1440	!Gallons	11520	!SolRecT04
!NJA 0284064	!Toluene	460	!Gallons	3680	!SolRecT04
!NJA 0284065	!Toluene	1911	!Gallons	15288	!SolRecT04
!NJA 0284067	!Toluene	1485	!Gallons	11880	!SolRecT04
!NJA 0284070	!Toluene	776	!Gallons	6208	!SolRecT04
!NJA 0284071	!Toluene	440	!Gallons	3520	!SolRecT04
!NJA 0284072	!Toluene	436	!Gallons	3488	!SolRecT04
!NJA 0284073	!Toluene	405	!Gallons	3240	!SolRecT04
!NJA 0284074	!Toluene	400	!Gallons	3200	!SolRecT04
!NJA 0284078	!Toluene	2000	!Gallons	16000	!SolRecT04
!NJA 0284094	!Toluene	292	!Gallons	2336	!SolRecT04
!NJA 0284108	!Toluene	2136	!Gallons	17088	!SolRecT04
!NJA 0375859	!Toluene	3108	!Pounds	3108	!SolRecT04
!NJA 0375859	!Toluene	3108	!Pounds	3108	!SolRecT04
!NJA 0179283	!Xylene	756	!Gallons	6048	!SolRecT04
!NJA 0206039	!Xylene	650	!Gallons	5200	!SolRecT04
!NJA 0206041	!Xylene	1100	!Gallons	8800	!SolRecT04
!NJA 0206042	!Xylene	1100	!Gallons	8800	!SolRecT04
!NJA 0284063	!Xylene	540	!Gallons	4320	!SolRecT04
!NJA 0284064	!Xylene	1150	!Gallons	9200	!SolRecT04
!NJA 0284065	!Xylene	717	!Gallons	5736	!SolRecT04
!NJA 0284067	!Xylene	557	!Gallons	4456	!SolRecT04
!NJA 0284070	!Xylene	1294	!Gallons	10352	!SolRecT04
!NJA 0284071	!Xylene	1100	!Gallons	8800	!SolRecT04
!NJA 0284072	!Xylene	1089	!Gallons	8712	!SolRecT04
!NJA 0284073	!Xylene	1013	!Gallons	8104	!SolRecT04
!NJA 0284074	!Xylene	1000	!Gallons	8000	!SolRecT04
!NJA 0284078	!Xylene	750	!Gallons	6000	!SolRecT04
!NJA 0284094	!Xylene	729	!Gallons	5832	!SolRecT04
!NJA 0284108	!Xylene	801	!Gallons	6408	!SolRecT04
!NJA 0375859	!Xylene	7770	!Pounds	7770	!SolRecT04
!NJA 0375859	!Xylene	7770	!Pounds	7770	!SolRecT04
				596801	

		TSDF
Acetone	166277	SolRec
Butyl Acrylate	19886	Chambers
Ethyl Acrylate Monomer	656	Ensco
Ethylene Glycol	16895	SCA Chem
Ganacin	29980	
Ketone	57254	
MEK	7248	SolRec
N-Butyl Methacrylate	2200	
Toluene	140704	SolRec
Xylene	130308	SolRec
No Description	12000	
2-Ethyl Hexyl Acrylate	664	
Pigment	12728	
	596801	

FP SHEET 2

SARA TITLE III
DETERMINATION OF FP WASTES SHIPPED IN 1987

(Sheet 3 Cont'd.)

	WPS NUMBERS(NB:Qty in Pounds)							
MANIFEST #	23715	24239	24240	24241	24242	24243	24244	TSDF
NJA 0206038	33750							Ross
NJA 0206040	34200							Ross
NJA 0206043	34200							Ross
NJA 0206044						36000		Ross
NJA 0206045				34400				Ross
NJA 0206046						39000		Ross
NJA 0284066					20000	19000		Ross
NJA 0284068	19350			14400				Ross
NJA 0284069						40000		Ross
NJA 0284075	29500						9500	Ross
NJA 0284076					3000	37000		Ross
NJA 0284077						39000		Ross
NJA 0284080		1750		25600				Ross
NJA 0284082	8800					20400		Ross
NJA 0284083						37350		Ross
NJA 0284084	8500	5500				24500		Ross
NJA 0284085						34200		Ross
NJA 0284086						39000		Ross
NJA 0284089						39000		Ross
NJA 0284090						39340		Ross
NJA 0284091						38500		Ross
NJA 0284092	20000	22000						Ross
NJA 0284093						40500		Ross
NJA 0284095	6500	5500			15000	7000		Ross
NJA 0284097						36000		Ross
NJA 0284098	8550			8100		19800		Ross
NJA 0284099	18000				6000	13000		Ross
NJA 0284100		20000				17000		Ross
NJA 0284101						34650		Ross
NJA 0284102	6000	16000						Ross
NJA 0284103		9500	6000		18150	5000		Ross
NJA 0284104			29600					Ross
NJA 0284105						32900		Ross
NJA 0284106						28580		Ross
NJA 0284107	806	3200		9600		6400		Ross
NJA 0284109		16000	3000			19500		Ross
NJA 0375851	4500	4000		2500	3500			Ross
NJA 0375853	8000	10000		4000		12000		Ross
NJA 0375854		17500			500	13000	2000	Ross
NJA 0375856	4500	22000			5500			Ross
NJA 0375857	9000	4800				11200	1600	Ross
NJA 0375858		21500		2000	6000	8000		Ross

2

	254156	179250	38600	100600	77650	786820	13100
+ End. Inv.	0	0	0	0	0	0	0
- Beg. Inv.	0	0	0	0	0	0	0
	254156	179250	38600	100600	77650	786820	13100

COMPOSITION OF FD SHIPPED WASTE(Sheet 3)

WPS 24243 GENERATED = 766820

Major Components	%	lbs.
MEK	8	62,946
Ethyl Acetate	13	102,287
Alcohol	13	102,287
Toluene	18	141,628
Acetone	13	102,287
		511,433

WPS 24240 GENERATED = 38600

Major Components	%	lbs.
Water	58	22,388
Acrylic Latex	30	11,580
Methyl Methacrylat	3	1,158
Acrylonitrile	1	386
Butyl Acrylate	1	386
		35,898

WPS 24241 GENERATED = 100600

Major Components	%	lbs.
Water	15	15,090
Acrylic Latex	10	10,060
Methyl Methacrylat	1	1,006
Acrylonitrile	1	1,006
Butyl Acrylate	25	25,150
		52,312

WPS 23715 GENERATED = 254156

Major Components	%	lbs.
Acrylic Resin	30	76,247
Urethane Resin	25	63,539
Hydrocarbons	10	25,416
Pigments	15	38,123
Toluene	20	50,831
		254,156

Major Components	%	lbs.

WPS 24242 GENERATED = 77650

Major Components	%	lbs.
Methylene Chloride	64	49,696
Acrylic Resin	33	25,625
Methanol	3	2,330
		77,650

WPS 24244 GENERATED = 13100

Major Components	%	lbs.
MEK	3	393
Ethyl Acetate	3	393
Alcohol	3	393
Toluene	5	655
Acrylic Resin	30	3,930
		5,764

WPS 24239 GENERATED = 179250

Major Components	%	lbs.
MEK	8	14,340
Ethyl Acetate	13	23,303
N-Butyl Alcohol	7	12,548
Isopropyl Alcohol	6	10,755
Toluene	18	32,265
Acetone	13	23,303
		116,513

Acetone	13	23,303
Acetone	13	102,287
Acrylic Latex	10	10,060
Acrylic Latex	30	11,580
Acrylic Resin	30	3,930
Acrylic Resin	33	25,625
Acrylic Resin	30	76,247
Acrylonitrile	1	386
Acrylonitrile	1	1,006
Alcohol	3	393
Alcohol	13	102,287
Butyl Acrylate	1	386
Butyl Acrylate	25	25,150
Ethyl Acetate	3	393
Ethyl Acetate	13	23,303
Ethyl Acetate	13	102,287
Hydrocarbons	10	25,416
Isopropyl Alcohol	6	10,755
MEK	3	393
MEK	8	14,340
MEK	8	62,946
Methanol	3	2,330
Methyl Methacrylat	1	1,006
Methyl Methacrylat	3	1,158
Methylene Chloride	64	49,696
N-Butyl Alcohol	7	12,548
Pigments	15	38,123
Toluene	5	655
Toluene	18	32,265
Toluene	20	50,831
Toluene	18	141,628
Urethane Resin	25	63,539
Water	15	15,090
Water	58	22,388

SUMMARY

Acetone	125589.1
Acrylic Latex	21640
Acrylic Resin	105801.3
Acrylonitrile	1392
Alcohol	102679.6
Butyl Acrylate	25536
Ethyl Acetate	125982.1
Hydrocarbons	25,416
Isopropyl Alcohol	10755
MEK	77678.6
Methanol	2329.5
Methyl Methacrylate	2164
Methylene Chloride	49696
N-Butyl Alcohol	12547.5
Pigment	38123.4
Toluene	225378.8

Urethane Resin	63539
Water	37478
	1053725.

CHECK NUMBER = 1053725.

SARA TITLE III

QUANTITY OF HW SHIPPED IN 1987-Imaging

MANIFEST NUMBER	CHEMICAL NAME	QUANTITY	UNITS	QUANTITY IN lbs.	
CWMA 357778	Acetone	2	Pounds	2	CWME LANDFILL
NJA 0295151	Acetone	263	Gallons	2104	Rollins
NJA 0295152	Acetone	657	Gallons	5256	Rollins
NJA 0295155	Acetone	20	Gallons	160	Rollins
NJA 0295155	Acetone	53	Gallons	424	Rollins
NJA 0295156	Acetone	1802	Pounds	1802	Chamb
NJA 0295158	Acetone	150	Pounds	150	Chamb
NJA 0295162	Acetone	1936	Pounds	1936	Chamb
IL 1686384	Acrylnonitrile	32	Gallons	256	TWI
CWMA 298509	MEK	25	Gallons	200	CWME LANDFILL
NJA 0295151	MEK	262	Gallons	2096	Rollins
NJA 0295152	MEK	656	Gallons	5248	Rollins
NJA 0295156	MEK	1802	Pounds	1802	Chamb
NJA 0295158	MEK	150	Pounds	150	Chamb
NJA 0295162	MEK	1936	Pounds	1936	Chamb
NJA 0295152	Methanol	593	Gallons	4744	Rollins
NJA 0295155	Methanol	5	Gallons	40	Rollins
NJA 0295156	Methanol	2703	Pounds	2703	Chamb
NJA 0295158	Methanol	156	Pounds	156	Chamb
NJA 0295162	Methanol	2904	Pounds	2904	Chamb
CWMA 298509	Methyl Methacrylate	110	Gallons	880	CWME LANDFILL
NJA 0309929	Methyl Methacrylate	110	Gallons	880	CWMN SDI
CWMA 298509	Methylene Chloride	65	Gallons	520	CWME LANDFILL
CWMA 357778	Methylene Chloride	2	Pounds	2	CWME LANDFILL
NJA 0295155	Methylene Chloride	245	Gallons	1960	Rollins
NJA 0295153	N-Butyl Alcohol	7544	Pounds	7544	Rollins
NJA 0295155	N-Butyl Alcohol	21	Gallons	168	Rollins
NJA 0295157	N-Butyl Alcohol	2764	Pounds	2764	Chamb
NJA 0295152	Toluene	99	Gallons	792	Rollins
NJA 0295156	Toluene	541	Pounds	541	Chamb
NJA 0295162	Toluene	581	Pounds	581	Chamb
NJA 0309931	Toluene	21	Gallons	168	CWMN SDI
CWMA 298510	Vinylidene Chloride	50	Gallons	400	CWME LANDFILL
NJA 0309929	Vinylidene Chloride	275	Gallons	2200	CWMN SDI

	Shipments (lbs.)	Ending Inv.	Begin. Inv.	1987 Total Waste Generated
Acetone	11834	13452	1960	23326
Acrylnonitrile	256			256
MEK	11432	2360	1720	12072
Methanol	10547	5020	1420	14147
Methyl Methacrylate	1760			1760
Methylene Chloride	2482	1040	1920	1602
N-Butyl Alcohol	10476	770	6244	5002
Toluene	2082	648	48	2682
Vinylidene Chloride	2600	4000	400	6200

HAZARDOUS WASTE / NON HAZARDOUS WASTE SHIPMENTS 1987

9/17/88 1 TT 13820 LBS. RQ WASTE COMBUSTIBLE LIQUID, N.O.S. COMBUSTIBLE LIQUID NA 1993 (F002,F003) SHIPPED TO DUPONT DEEPWATER N.J. VIA S.J. TRANSPORTATION ON MANIFEST # NJA 0309931

9/24/87 3-DM RQ WASTE FLAMMABLE LIQUID, FLAMMABLE LIQUID,UN 1993
8-DM WASTE COMBUSTIBLE LIQUID,COMBUSTIBLE LIQUID NA 1993
1-DM RQ HAZARDOUS WASTE SOLID ORM-E NA 9189 (F005)
1-DM WASTE COMBUSTIBLE LIQUID, COMBUSTIBLE LIQUID NA 1993
SHIPPED TO CHEMICAL WASTE MANAGEMENT OF N.J. NEWARK
VIA CHEMICAL WASTE MANAGEMENT MANIFEST # NJA 0309931

9/24/88 1-DM WASTE FLAMMABLE LIQUID, FLAMMABLE LIQUID UN 1993
1-DM HAZARDOUS WASTE SOLID, N.O.S. ORM-E NA 9189
3-DM NON HAZARDOUS NON REGULATED MATERIAL
SHIPPED TO CHEMICAL WASTE MANAGEMENT OF N.J. NEWARK
VIA CHEMICAL WASTE MANAGEMENT ON MANIFEST # NJA 0309932

9/24/87 15300 LBS.(29 DM) RQ WASTE COMBUSTIBLE LIQUID,N.O.S.WDY-4
1200 LBS.(3DM) WASTE FLAMMABLE LIQUID N.O.S. WCH-2
SHIPPED TO CHAMBERS WORKS DEEPWATER N.J. VIA S.J
TRANSPORTATION MANIFEST # NJA0295158

9/25/87 2-DM RQ WASTE FLAMMABLE LIQUID,N.O.S. FLAMMABLE (D001)
SHIPPED TO CHEMICAL WASTE MANAGEMENT OF N.J. NEWARK
VIA CHEM WASTE MANGT. MANIFEST # NJA 0309930

9/25/87 5-DM WASTE VINYLIDENE CHLORIDE INHIBTED UN1302 FLAM.LIQ. (D001)
1-DM WASTE METHYL ACYLATE INHIBITED FLAM.LIQ. UN1919 (D001)
5-DM RQ WASTE COMBUSTIBLE LIQUID N.O.S. COMB. LIQ. NA1993
2-DM WASTE METHYL METHACRYLATE MONOMER INHIBITED FLAMMABLE LIQUID UN1247
SHIPPED TO CHEMICAL WASTE MANAGEMENT VIA CHEM. WASTE MANGT. TO NEWARK N.J. ON MANIFEST # NJA 0295158

9/25/87 1-DM 450 LBS.HAZRDOUS WASTE SOLID ORM-E NA 9189
SHIPPED TO CHEMICAL WASTE MANAGEMENT EMMELLE ALABAMA
VIA HORWITH TRUCKING INC. ON MANIFEST # CWMA 35778

10/30/88 16-DM RQ HAZARDOUS SUBSTANCE LIQUID N.O.S. ORM-E NA9189
POLYCHLORINATED BIFENLYS WASTE TRANSFORMER OIL
SHIPPED TO ROLLINS ENVIRONMENTAL SERVICE OF TEXAS VIA SJ
TRANSPORTATION ON MANIFEST # TX 00428945

11/24/87 80-DM (36760 LBS.) WASTE ORM-A N.O.S. ORM-A
SHIPPED TO ROSS INCINERATION SERVICE VIA ROSS
TRANSPORTATION ON MANIFEST # NJA 0295159

12/02/87 31-DM(12660 LBS.) WASTE ORM-A N.O.S. ORM-A NA1693 (F002)
49-DM(20000 LBS.) WASTE ORM-A N.O.S. ORM-A NA1693 (F001 F002) SHIPPED TO ROSS INCINERATION SERVICE VIA ROSS
TRANSPORTATION SERVICES ON MANIFEST # NJA. 0295160

HAZARDOUS WASTE / NON HAZARDOUS WASTE SHIPMENTS 1987

12/09/87 51-DM (26360 LBS.) WASTE OIL # 6 COMBUSTIBLE LIQUID NA1693
8-DM (3600 LBS.) WASTE ORM-A N.O.S. ORM-A NA 1693
SHIPPED TO ROSS INCINERATION SERVICE VIA ROSS TRANSPORTATION SERVICE ON MANIFEST # NJA 0295161

12/16/87 1-TT 19360 LBS. (WCH-3) RQ WASTE FLAMMABLE LIQUID, POISONOUS, N.O.S. FLAMMABLE LIQUID UN 1992
SHIPPED TO CHAMBERS WORKS, DUPONT, DEEPWATER N.J.
ON MANIFEST # NJA 0295162

HAZARDOUS / NON HAZARDOUS WASTE MANFIST
MANIFEST

REFERENCE SHEET OF 1987 SHIPMENTS

7/1/87 70 DM NON REGULATE MATERIAL
SHIPPED TO CHEMICAL WASTE MANAGEMENT
EMELLE ALABAMA VIA HORWITH TRUCKING
ON MANIFEST # 29854

/7/2/87 74 FDM/DM MIXED SHIPMENT OF REGULATE/NON REGULATE MATERIAL
SHIPPED TO CHEMICAL WASTE MANAGEMENT
EMELLE, ALABAMA VIA HORWITH TRUCKING
ON MANIFEST #: CWMA 28510, 313354, 298505, 298509,
298511, 298512, 298506, 298508

7/30/87 44 SHIPPED TO ROLLINS ENVIRONMENTAL SERVICES (NJ)
VIZ S J TRANSPORTATION ON MANIFEST# NJA 0295155

18 DM HAZARDOUS WASTE LIQUID NOS,ORM-E NA9189 (L10562)
11 DM RQ HAZARDOUS WASTE LIQUID NOS, 1,2, TRICHLOROTRIFLURETHANE
F00-2 -X726 (L5492)
7 DM WASTE FLAMMABLE LIQUID NOS , FLAMMABLE LIQUID, UN1993 (L5496)
7 DM RQ HAZARDOUS WASTE SOLID, NOS, ORM-E NA9189
(PERCHLORTHYLENE BUTADIENE)
1 DM WASTE FLAMMABLE LIQUID, NOS, FLAMMABLE LIQUID UN1993
(L5495)

8/3/87 16DM SHIPPED TO ROLLINS ENVIRONMENTAL SERVICES (TX)
VIA S J TRANSPORTATION OF
RQ HAZARDOUS SUBSTANCE SOLID NOS WASTE POLYCHLORINATED
BIPHENYLS
8 DM EMPTY TRANSFORMER CONTAMINATED OF PCB S
RQ WASTE HAZARDOUS SUBSTANCE SOLID NOS POLYCHORINATED
BIPHENYLS
ON MANIFEST # TX00428944

8/3/87 shipped out dated NON REGULATED TONERS TO ROLLINS ENVIRONMENTAL
SERVICES VIA S J TRANSORATION
88 FDM WRE -9 WCH-9

9/1/87 1 TT (50)DMS RQ WASTE FLAMMABLE LIQUID, NOS, FLAMMABLE LIQUID
UN 1993 (TOLUENE NITROBENZENE)
SHIPPED TO E. I. DU PONT DENEMOURS CHAMBERS WORKS DEEP WATER
OWI 7218 001 MANIFEST# NJA295156

HAZARDOUS/NON HAZARDOUS WASTE MANIFEST

REFERENCE SHEET OF 1987 SHIPMENTS

2/20/87 88 DF NON HAZARDOUS NON REGULATED WASTE MATERIAL (SOLID LATEX). Shipped to SCA STONY ISLAND AVE. VIA PRICE TRUCKING on ILLMANIFEST#IL1472412

2/26/87 27-DF NON HAZARDOUS/NON REGULATED MATERIAL (SOLID LATEX)

49 DF NON HAZARDOUS/NON REGULATED MATERIAL (PIGMENTED CELLOUS ACETATE). Shipped toSCA VIA PRICE TRUCKING ON IL#1621745

3/18/87 18 DM WASTE FLAMMABLE LIQUID.N.O.S. FLAMMABLE LIQUID, UN 1993 (CM14) Shipped to DUPONT ,PONTCHARTRAIN VIA CONCO on LA# 31387

4/23/87 177 LAB PACKS Shipped to TRADE WEST INCINERATION VIA HORWITHS TRUCKING(CHEM WASTE MAN.) DID packina manifest work., on the folling manifest no. LI# 1686382,1686381, 1686380,1686383, 1686384 (1686382) (1686384)

5/1/87 INTERCEPTOR PIT SLUDGE NON HAZARDOUS NON REGULATED MATERIAL. Shipped to SCA CHEMICAL IN MODEL CITY N.Y. VIV BUFFALO FUEL CORP. (10CY. Roll Off) shipped on NYA#4216116 Manifest

5/5/87 2100g WASTE FLAMMABLE LIQUID, N.O.S. FLAMMABLE LIQUIDUN1193 45 (WCH-2) shipped to ROLLINS ENVI. VIA S.J. TRUCKING ON N.J. MANIFEST # NJA 0295151

5/7/87 3284 G WASTE FLAMMABLE LIQUID,POISONOUS, N.OS. RQ (TOLUENE, NITROBENZENE) VIA ROLLINS ENVI. ON N.J. Manifest NJA 0295152 (63 WCH-3 L-5479)

5/10/87 467

5/28/87 28,340 p 60 drums WASTE COMBUSTIBLE LIQUID,N.O.S. COMBUSTIBLE LIQUID NA1993. DOO3 Shipped to CHAMBERS WORKS OWI-07722-001 9-WDY4 via S.J.TRANSPORORTIONS Manifest #NJA-0295154

5/29/87 37,720 POUNDS (TT) RQ WASTE COMBUSTIBLE LIQUID,NO.S. (N-BUTYL ALCHOL, TETRACHLORETHYLENE) (WDY-3) 64 drums COMBUSTIBLE LIQUID NA1993 FOO2,FOO3 SHIPPED TO ROLLINS VIA ROLLINS on Manifest #NJA-0295153

59 drums

6/1/87

HAZARDOUS WASTE MANIFEST
REFERENCE SHEET 1986 SHIPMENTS

9/16/86- 29 REGULATED LAB PACKS SHIPPED TO PONTCHARTRAIN VIA CONOCO.
5-CORROSIVE, 1FLAMMABLE, 9-HAZARDOUS SUBSTANCE SOLID
2HAZARDOUS WASTE, SOLID 2ORM-B, 1-ORM-A 5-OXIDIZER
4-POISON B

10/24/86 Non-Hazardous material Out of Date Toners shipped via S. J. Trucking (88 Drums) To ROLLINS ENVIRONMENTAL SERVICES

11/4/86 - 101 drums vacuume by S.J. Trucking shipped to Rollins Ervinmental Services,

WCH-2- WASTE FLAMMABLE LIQUID, N.O.S.
FLAMMABLE LIQID UN1992

(nitrogen blanket)

11/6/86 58 drums vacuume by ROLLINS ENVIO. SERVICES &shipped to Rollins
WCH-3 -WASTE FLAMMABLE LIQUID,POISONOUS,N.O.S. RQ
FLAMMABLE LIQUID, POISONOUS UN 1993

(nitrogen blanket)

12/10/86- 60 HAZARDOUS WASTE LAB PACKS Shipped to PONTCHARTRAIN via CONOCO Trucking L A 31385
29-Waste Corrsive Liquid N.O.S. --UN1760
24- Waste Flammable Liquid N.O.S.--UN1992
4 - Waste Poisonous B Liquid N.O.S. -UN2810
3 -Hazardous Waste Liquid N.O.S. -NA9189

Fibre pack drums inside steel drums banned to pallet
Lables required- DOT Hazardlable Hazardous Waste lable

LAManifest # stencile on each drum all lables need to have Maylar tape over them

12/16/86- 8- Hazardous Waste Lab Packs Shipped to PONTCHARTRAIN via CONOCO INC. L.A.#31386
Manifest

2- Waste,Combustible Liquid NA1993
1- Waste, Hazardous Substance NA9188
2- Waste, Oxidizing Material UN1479
3- Waste,ORM-A NA1693
17- Non Regulate/Non Hazardous Material Shipped on a Dupont bill ao ladding

TOTAL 25 drums ,package and lable as the pervious shipment on manifest no. LA31385

YE total - 966 drums Shipped out -
including Non Reg - non Haz - Toners + Lab Packs

HAZARDOUS WASTE MANIFEST REFERENCE SHEET

1986 SHIPMENTS

1/29/86 - 70 R&D Non-regulated/Non-hazardous Lab Paks shipped to Pontchartrain via Conoco Trucking.
(double pack, numbered, packing list)
(ban and palletized)
Did not require manifest, only a Bill of Lading on a packing list.

3/11/86 - 80 Lab Paks - Non-regulated-Non-hazardous- from R&D. Shipped to Pontchartrain via Conoco Trucking. (Note: Last shipment to Pontchartrain for 1986)

3/18/86 - 63 drums shipped to Ross via Ross - Hazardous waste solid N.O.S. NJA-0137671

Note Did not received 33 recovery drums for previous Shipments

WDY-1S1	-	23 drums	
WDY-2S	-	20 drums	Want these return Black 17H drums new
WRE-8	-	5 recovery drums	
WDY-1S	-	15 drums	

24 Recovery dums returned shipment
20 17H steel drums for return shipment

5/27/86 - 3900 gal. Waste Flammable Liquid, Poisonous, N.O.S. (RQ - Toluene & Nitrobenzene) UN 1992, WCH-3, Rollins #L-5479 shipped via S.J. Transportation TT to Rollins for incineration. NJA-0137669

71

6/23/86 1500 gal. Waste Trichloroethylene RQ ORM-A UN 1710
WDY-1 - Rollins L-5482
Shipped Via S. J. Transportation - NJA 0137-670
TT to Rollins for incineration

27

6/30/86 1650 gal. Hazardous Waste Liquid N.O.S.
ORM-E NA 9189
WDY-2 - Rollins L-5483
Shipped via S.J. Transportation to Rollins for incineration

30

NJA-0137672

HAZARDOUS WASTE MANIFEST REFERENCE SHEET

1985 SHIPMENTS

1/23/85 - Shipped to Rollins Environmental Services
120 drums of waste - non-hazardous material
approx. 3600 gallons
Wastestream Code: WCH-1

5/8/85 - Shipped to Chambers Works
Waste corrosive liquid N.O.S.
Corrosive material UN 1760 contains:
WDY-4 {TRIETHYLENE GLYCOL DIACRYLATE,
{ 1,6 Hexanediol Diemethacrylate and
Lubricating Oils
Approx. 4450 gallons

5/29/85 - Shipped to Ross Incineration Services Inc.

Drums	Wastestream Code
8	WRE-11
4	WPL-7
5	WRE-10
15	WDY-1S
3	WDY-4S
13	WPE-6
7	WPE-8
3	WRE-3S
13	WRE-4S

8/14/85 - Shipped to Chambers Works - approx. 5000 gallons
of the following in tank truck:

WCH-3	60 drums
WDY-6	3 "
WDY-9	14 "
WPL-3	4 "
WPL-4	6 "
WRE-2	1 "

12/19/85 - Shipped to Chambers Works via S.J. Trucking
Waste Chloride Inhibited
55 drums UN#1303 EPA #U078

HAZARDOUS WASTE MANIFEST REFERENCE SHEET

1984 SHIPMENTS

1/12/84 - Shipped to Rollins Environmental Services

Drums	Wastestream Code
10	WDY-5
1	WRE-2
4	WRE-3
8	WDY-3
56	WCH-1

6/19/84 - Shipped to Chambers Works
Waste corrosive liquid N.O.S.
Containing
DRUMS
35 - WDY-1 - Trichloroethylene RQ
35 WDY-3 - Tetrachloroethylene (perchlorethylene)
20 - WRE-3 - Methylene Chloride
18 - WDY-2 - Monomers and oil
Approx. 5500 gallons

7/6/84 - Shipped to Chambers Works
Waste flammable liquid, poisonous, N.O.S. RQ
(contains Tolune and Nitrobenzene, WCH-3) - 68 DRUMS
Approx. 3200 gallons

9/18/84 - Shipped to Chambers Works
WCH 3 - Waste flammable liquid N.O.S. - 68 containers of M.E.K.
WRE-? Waste corrosive liquid N.O.S. - containing lead and tin - 1 drum

12/14/84 - Shipped to Ross Incineration Services Inc.

Drums	Wastestream Code
12	WDY-1S
11	WDY-5S
16	WDY-4S
26	WRE-11

TOTAL
389

HAZARDOUS WASTE MANIFEST REFERENCE SHEET

1983 SHIPMENTS

6/22/83 - Shipped to Chambers Works
Waste corrosive liquid N.O.S.
containing:
Trichloroethylene
90 Methylene chloride
Monomers
Oil
Approx. 4930 gallons

6/29/83 - Shipped to Chambers Works
Waste flammable liquid poisonous RQ
61 Contains Toluene and Nitrobenzene, WCH-3
Approx. 3400 gallons

10/19/83 - Shipped to Ross Incineration Services Inc.
10 drums of flammable liquid N.O.S.
30 drums of hazardous waste N.O.S.
2 drums of Hazardous waste N.O.S.
17 drums of hazardous waste N.O.S.
10 drums of waste Polymerized Acrylate Monomer

12/15/83 - Shipped to Chambers Work
Waste combustible liquid N.O.S.
69 Containing Para-Cymene
Approx. 3800 gallons

↑
93

ONLY

TOTAL 289

HAZARDOUS WASTE MANIFEST REFERENCE SHEET

1982 SHIPMENTS

6/21/82 - Shipped to Chambers Works
Waste flammable liquid, Poisonous N.O.S. RQ
contains Toluene and Nitrobenzene, WCH-3
approx. 4675 gallons

9/17/82 - Shipped to Chambers Works
Waste corrosive liquid N.O.S.
contains: Trichloroethylene, RQ
Tetrachloroethylene
Methylene Chloride
Oil
Approx. 5366 gallons

9/21/82 - Shipped to Chambers Works
Waste flammable liquid, corrosive N.O.S.
contains: Trichloroethylene RQ
Acrylonitrile RQ
Ethyl Acrylate
Methyl Acrylate
Mineral Spirits
Acetone
Methyl Ethyl Ketone
Tetrachloroethlene (perchloroethylene)
Methylene chloride
Oil
Approx. 3750 gallons

10/25/82 - Shipped to Pontchartrain, LaPlace, LA
14 drums of WCH-9; Waste cellulose Acetate
8 drums of WCH-7; Filter paper

11/4/82 - Shipped to Chemical Waste Management
1 container of Waste Polychlorinated Biphenyls, (Mineral Oil solution, containing >500ppm PCB's)

5 containers of Waste Polychlorinated Biphenyls (Mineral Oil solution, conntaining <500ppm PCB's)

14 containers of Waste Polychlorinated Biphenyls (Mineral Oil solution, containing <50ppm PCB's)

1 Hazardous Waste Solid N.O.S. transformer containing >500ppm PCB contaminated oil.

1 Hazardous Waste Solid N.O.S. (articles contaminated with PCB oil)

1 Hazardous Waste Solid N.O.S. transformer containing <500 >50ppm PCB contaminated oil

11/17/82 - Shipped to Chambers Works
Waste Flammable Liquid N.O.S.
containing: Vinylidene Chloride, inhibited RQ
Trechloroethylene RQ
Ethyl Acrylate
Alcohol
Acetone
Methylene Chloride
Acrylate Monomers
Butyl Methacrylate
(Wastestreams identification:
WCH-4,11; WRE-2,3,4; WDY-1,3,4)
Approx. 3733 gallons

12/2/82 - Shipped to Chambers Works
Waste Corrosive Liquid N.O.S. - 35 drums
containing lead and tin

12/6/82 - Shipped to Rollins Environmental Sciences

55 drums of waste Aqueous Latex Resins - WCH-1
5 drums of Dinitrochlorobenzene
13 drums of waste flammable liquid N.O.S.

12/28/82 - Shipped to Pontchartrain

36 containers of WCH-9
4 containers of WCH-7
9 containers of WRE-8
30 containers of Waste Lab Packs

HAZARDOUS WASTE MANIFEST REFERENCE SHEET

1981 SHIPMENTS

4/2/81 - Shipped to Pontchartrain

101 containers WDY-3
75 containers WDY-1

4/9/81 - Shipped to Pontchartrain

26 drums WPL-2
23 drums WPL-4
10 drums WPE-6
17 drums WDY-7
12 drums WDY-4
10 drums WRE-9
12 drums WDY-4

4/10/81 - Shipped to Pontchartrain

Waste flammable liquid, poisonous, N.O.S.
Containing Toluene and Nitrobenzene: WCH-3
Approx. 5300 gallons

4/28/81 - Shipped to Rollins Environmental Services

2400 gallons WCH-1

6/21/81 - Shipped to Chambers Works

Waste flammable liquid, poisonous, N.O.S.
Flammable liquid RQ
Containing Toluene and Nitrobenzene: WCH-3
Approx. 4675 gallons

8/25/81 - Shipped to Rollins Environmental Services

60 drums WCH-1
14 drums WPE-11
8 drums WPE-12
3 drums WRE-2

9/18/81 - Shipped to Pontchartrain
Waste flammable liquid, poisonous RQ
Containing Toluene and Nitrobenzene: WCH-3
Approx. 3100 gallons

10/16/81 - Shipped to Pontchartrain

37 drums WCH-7
368 drums WCH-9
11 drums WRC-6
38 drums WRC-8

11/13/81 - Shipped to Rollins Environmental Services

16 drums WCH-1
6 drums WRE-2
16 drums WRE-3
22 drums WDY-5
7 drums WPE-10
13 drums WPL-2

12/30/81 - Shipped to Pontchartrain

1100 gallons WDY-1
1100 gallons WDY-3
2200 gallons WDY-4

HAZARDOUS WASTE MANIFEST REFERENCE SHEET

1985 SHIPMENTS

1/23/85 - Shipped to Rollins Environmental Services
120 drums of waste - non-hazardous material
approx. 3600 gallons
Wastestream Code: WCH-1

5/8/85 - Shipped to Chambers Works
Waste corrosive liquid N.O.S.
Corrosive material UN 1760 contains:
WDY-4 (TRIETHYLENE GLYCOL DIACRYLATE,
1,6 Hexanediol Diemethacrylate and
Lubricating Oils
Approx. 4450 gallons

5/29/85 - Shipped to Ross Incineration Services Inc.

Drums	Wastestream Code
8	WRE-11
4	WPL-7
5	WRE-10
15	WDY-1S
3	WDY-4S
13	WPE-6
7	WPE-8
3	WRE-3S
13	WRE-4S

8/14/85 - Shipped to Chambers Works - approx. 5000 gallons of the following in tank truck:

WCH-3	60 drums
WDY-6	3 "
WDY-9	14 "
WPL-3	4 "
WPL-4	6 "
WRE-2	1 "

12/19/85 - Shipped to Chambers Works via S.J. Trucking
Waste Chloride Inhibited
55 drums UN#1303 EPA #U078 WCH 11

P-P-103 B

CC: R. A. Meade, F&FP Wilmington
P. G. Rothaug, " Parlin
J. R. Marshall," "

Parlin, New Jersey
October 14, 1985

W. J. TOUHEY, JR.
F&FP DEPARTMENT
WILMINGTON

HAZARDOUS WASTE DISPOSAL
PARLIN F&FP PLANT

The attached forms are the hazardous waste streams generated by the Parlin Plant. Recycle, energy recovery, and disposal off-site figures are also included.

If there are any questions regarding this report, please notify the writer or call on 8-2231-310.

J. F. Ferguson

J. F. FERGUSON,
Waste Coordinator

JFF:eod
Attach.

F&FP WASTE MANAGEMENT

PLANT SITE: PARLIN F&FP

WASTE STREAM DESCRIPTION	WASTE NUMBER	RECYCLE TONS			ENERGY RECOVERY TONS			DISPOSAL, TONS								
		ACTUAL 1984	EST. 1985	FCST. 1986	ACT. 1984	EST. 1985	FCST. 1986	ACTUAL, 1984			1985			1986		
								CI*	DD*	LF*	CI	CC	LF	CI	DD	LF
Paint Waste (Solid)	WPS18117 657-4401	-	-	-	-	-	-	48	-	-	32	-	-	26		
WA Filters (Solids)	WPS19930	-	-	-	-	-	-	-	-	-	18	-	-	18		
Asbestos (Solid)	1158-BC	-	-	-	-	-	-	-	-	4.5	-	-	3.5	-	-	2.5
Glycol Waste (Liquid)	384-N	-	-	-	-	-	-	240	-	-	240	-	200	-	-	
LDL Stripped Solvent Rec'd from Flint.	RCH30205	-	-	-	400	450	450									
Stripped Solvent from Parlin T.F.E. (Liquid)	N/A T-3223	390	450	480	-	-	**250									

*CI: Contract Incineration; DD: Du Pont Disposal; LF: Landfill

**If permits are acquired from the State.

F&FP WASTE MANAGEMENT

PLANT SITE: PARLIN F&FP

WASTE STREAM DESCRIPTION	WASTE NUMBER	RECYCLE TONS			ENERGY RECOVERY TONS			DISPOSAL, TONS ACTUAL, 1984								
		ACTUAL 1984	EST. 1985	FCST. 1986	ACT. 1984	EST. 1985	FCST. 1986	CI*	DD*	LF*	CI	CC	LF	CI	DD	LF
Flammable Liquid Sludge (Bottoms Tank)	WPS8203	-	-	-	-	-	-	540	-	-	540	-	-	500	-	-
Lab.Paks. (Liquid)	WPS22498	-	-	-	-	-	-	-	-	-	40	-	-	10		
Solvent Wash from E&F	N/A	-	40	50	-	-	**110	270	-	-	210	-	-	90		
ODA(Bags) Solid Liquid	1158BD	-	-	-	-	-	-	-	-	-	2.5	-	-	2.5		

*CI: Contract Incineration; DD: Du Pont Disposal; LF: Landfill

**If permits are acquired from the State.

CC: R. C. Writer
J. R. Marshall
J. E. Manning
P. M. Tomasello
R. S. Matuszewski

October 28, 1985

J. W. COWDRIGHT
MAIN OFFICE

PROPER WASTE
ACCOUNTS

The proper waste distribution for 1986 should be spread in the following manner for the Plant.

157709 Account

P. & P. Area - Resin 49%
Adhesives 15%

(Teflon Area - 11%
(Clears - 6%

Electronics Area - 16%
Thinner Area - 3%

J. F. Ferguson
J. F. FERGUSON

JFF:nk

Department Photo Products

Plant Parlin, NJ

OFF-PLANT WASTE SURVEY

Contractor/P.O. #/Disposal Site	Waste Codes Du Pont's	Waste Codes Contractor's	Waste Name	Disposal Method	Container	Annual Volume 1981	Annual Volume 1982	Annual Volume 1983	Max. Storage Time (Days)
Rollins Environmental Services/ DF-36254/Bridgeport, NJ	WCH-1	L-781	Aqueous Latex Resins	Inc.	30 Gal. Fiber Pak	2,500 Gal.			
	WCH-2	L-5468	Dye Solvents and By Products - pH< 7	Inc.	55 Gal.	20,000 Lb.			
	WCH-3	L-5479	Dye Solvents and By Products - pH> 7	Inc.	55 Gal.	40,000 Lb.			
	WDY-3	L-5484	Mixed Solvents	Inc.	30 Gal.	100 dr.			
	WDY-1	L-5482	Triclene Containing Co-Polymers	Inc.	55 Gal.	150 dr.			
	WDY-2	L-5483	Water and Machine Oil	Inc.	55 Gal.	30 dr.			
	WDY-6	L-5485	Scrap Solvent	Inc.	55 Gal.	165 Gal.			
	WPE-5	L-5487	Modified Gelatin	Inc.	30 Gal. Fiber Pak	-			
	WPE-7	L-5033	Lab Solvents	Inc.	55 Gal.	1 dr.			
	WPE-10	L-5489	Solvents with Co-Polymers	Inc.	55 Gal.	10 dr.			
	WPE-11	L-5490	Acetone	Inc.	55 Gal.	10 dr.			
	WPE-12	L-5491	Acetone	Inc.	55 Gal.	10 dr.			
	WPL-2	L-5492	Scrap Lubricating Oils	Inc.	55 Gal.	1,440 Gal.			
	WPL-6	L-5494	Scrap Solvents	Inc.	55 Gal.	110 Gal.			
	WRE-2	L-5495	Scrap Solvents	Inc.	55 Gal.	2,000 Lb.			
	WRE-3	L-5496	Mixed Organic Solvents	Inc.	55 Gal.	825 Gal.			

Department Photo Products

Plant Parlin, NJ

OFF-PLANT WASTE SURVEY

Contractor/P.O. #/Disposal Site	Waste Codes Du Pont's	Waste Codes Contractor's	Waste Name	Disposal Method	Container	Annual Volume 1981	Annual Volume 1982	Annual Volume 1983	Max. St Time
None	WCH4		Ethyl Acrylate		55 Gal.Drm	110 Gal.			
	WCH5		Methyl Acrylate		55 Gal.Drm	110 Gal.			
	WCH7		Contaminated Paper & Cotton Filters		55 Gal.Drm	660 Gal.			
	WRE4		Mixed Organic Solvents		55 Gal.Drm	990 Gal.			
	WRE8		Still Bottom		5 GalPail	500 Gal.			
	WDY5		Cellulose Acetate & Solvents		55 Gal.Drm	1,100 Gal.			
SCA	WPE6		Lubricating Fluid	SLF	55 Gal.Drm	1,320 Gal.			
	WCH9		Cellulose Acetate	SLF	30 Gal Fiber Drum	4,500 Gal.			
	WPL4		Lubricating Oil	SLF	55 GalDrm	440 Gal.			
	WDY4		Acrylate Monomers	SLF	55 GalDrm	2,750 Gal.			
	WPL5		Film Subbing Solids	SLF	BulkDump	60 (Yds.)			2 Yrs.

BCC: RAMEAD - WILM., FAPPERT.
R.C. WRITER - PARLIN

January 7, 1983

U. S. Environmental Protection Agency
Permits Administration Branch
Room 432 2 PM-P A-H
26 Federal Plaza
New York, New York 10007

Gentlemen:

The "Generator Annual Hazardous Waste Report" for the plant for 1981 is attached.

Yours truly,

W. H. BEUTEL, PLANT MANAGER

By: J. R. Marshall
J. R. Marshall

JRM:nk
Attach.

Do not make entries in shaded areas

ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

This report is for the calendar year ending December 31, 1981.

AFFIX LABEL HERE

GENERAL INSTRUCTIONS: If you received a preprinted label attached to the mailing envelope in which this form was enclosed, affix it in the space provided. If any of the information on the label is incorrect, draw a line through it and provide the correct information in the appropriate section below. If the information is correct and complete, leave Sections I, II, and III below blank. If you did not receive a preprinted label, complete all sections. REFER TO THE SPECIFIC INSTRUCTIONS CONTAINED IN THIS BOOKLET BEFORE COMPLETING THIS FORM. The information requested in this report is required by law (Section 3002 of the Resource Conservation Recovery Act).

Please print/type with a free type (12-characters per inch).

I. GENERATOR'S EPA I.D. NUMBER

T/A C

NJD000820159 T1

1 2 13 14 15

II. NAME OF INSTALLATION

E I DUPONT DE NEMOURS & CO INC

30 69

III. INSTALLATION MAILING ADDRESS

WASHINGTON ROAD

15 16 45

Street or P.O. Box

PARLIN NJ 08859

15 16 41 42 47 51

City or Town State Zip Code

IV. LOCATION OF INSTALLATION (if different than section III above)

15 16 45

Street or Route number

15 16 41 42 47 51

City or Town State Zip Code

V. INSTALLATION CONTACT

MARSHALL JOHN R

15 16 45

Name (last and first)

201-257-1000

46 55

Phone No. (area code & no.)

VI. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

W.H. BEUTEL, PLANT MANAGER W.H. Beutel 1/19/83

Print/Type Name Title Signature of Authorized Representative Date Signed

EPA Form 8700-13A/S (Rev. 6-80)

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ENVIRONMENTAL PROTECTION AGENCY

Generator Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31, 1981.

VII. GENERATOR'S EPA I.D. NO.

T/A C

N J D 0 0 0 8 2 0 1 1 5 9

1 2 13 14 15

VIII. FACILITY NAME (specify facility to which all wastes on this page were shipped)

SOLVENT RECOVERY SERVICE

IX. FACILITY'S EPA I.D. NO.

N J D 0 9 0 2 1 8 2 8 9 7

16 28

X. FACILITY ADDRESS

1200 SYLVAN STREET
LINDEN, NJ 07036

XI. TRANSPORTATION SERVICES USED (List the name and EPA identification numbers of all transporters whose services were used during 1981. **This section to be completed only once. Do not repeat on supplemental sheets.**)

KISKO TRANS. CO NJD002182897
SCA CHEMICAL SERV. NJD089216790
NARROWS CARRIERS, INC, NJD221957283
E.I. DUPONT CO. INC DET110010055
ROBERT ROSS + SONS OHD048415665

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. DOT Hazard code (33 34)	C. EPA Hazardous Waste No. (see instructions) (35 38 / 39 42 / 43 46 / 47 50)	D. Amount of Waste (51 59)	E. Unit of Measure (60)
	1	MIXED SOLVENTS FROM PAINT MFG	08	F 0 1 0 5	5 2 3 3 7 4 4	P
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					

XIII. COMMENTS (enter information by section number—see instructions)

—

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ENVIRONMENTAL PROTECTION AGENCY

Generator Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31, 1981.

VII. GENERATOR'S EPA I.D. NO.

T/A C

NJD000820159

1 2 13 14 15

VIII. FACILITY NAME (specify facility to which all wastes on this page were shipped)

SCA CHEMICAL SERV.
EARTHLINE DIV.

IX. FACILITY'S EPA I.D. NO.

NJD089216790

16 28

X. FACILITY ADDRESS

100 LISTER AVE.
NEWARK, NJ 07105

XI. TRANSPORTATION SERVICES USED (List the name and EPA identification numbers of all transporters whose services were used during 1981. **This section to be completed only once. Do not repeat on supplemental sheets.)**

—

XII. WASTE IDENTIFICATION

Line #	A. Description of Waste	B. DOT Hazard code	C. EPA Hazardous Waste No. (see instructions)	D. Amount of Waste	E. Unit of Measure
1	WASTE DIETHYLENE GLYCOL	01 (33 34)	D001 (35 38 / 43 46) (39 42 / 47 50)	788337 (51 59)	P (60)
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

XIII. COMMENTS (enter information by section number—see instructions)

—

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ENVIRONMENTAL PROTECTION AGENCY

Generator Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31, 1981.

Date received

VII. GENERATOR'S EPA I.D. NO.

T/A C

CNJD000820159 NJ

1 2 13 14 15

VIII. FACILITY NAME (specify facility to which all wastes on this page were shipped)

SCA CHEMICAL SERV.

IX. FACILITY'S EPA I.D. NO.

SCD070375985

16 28

X. FACILITY ADDRESS

ROUTE 1
PINE WOOD, SOUTH CAROLINA
29125

XI. TRANSPORTATION SERVICES USED (List the name and EPA identification numbers of all transporters whose services were used during 1981. **This section to be completed only once. Do not repeat on supplemental sheets.**)

—

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. DOT Hazard code (33 34)	C. EPA Hazardous Waste No. (see instructions) (35 38 / 39 42 / 43 46 / 47 50)	D. Amount of Waste (51 59)	E. Unit of Measure (60)
	1	SLUDGE FROM PAINT MFG.	01	D001	856425	P
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					

XIII. COMMENTS (enter information by section number—see instructions)

—

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Do not make entries in shaded areas

ENVIRONMENTAL PROTECTION AGENCY

Generator Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31, 1981.

Date rec'd: _____ Rec'd by: _____

VII. GENERATOR'S EPA I.D. NO.

G M J D 0 0 0 8 2 0 1 5 9 T/A C 1

1 2 13 14 15

VIII. FACILITY NAME (specify facility to which all wastes on this page were shipped)

CHEMICAL WASTE MANAGEMENT, INC.

IX. FACILITY'S EPA I.D. NO.

F A L T 0 1 0 0 6 2 2 4 6 4

16 28

X. FACILITY ADDRESS

EMELLE FACILITY
EMELLE, AL 35459

XI. TRANSPORTATION SERVICES USED (List the name and EPA identification numbers of all transporters whose services were used during 1981. This section to be completed only once. Do not repeat on supplemental sheets.)

—

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. DOT Hazard code	C. EPA Hazardous Waste No. (see instructions)	D. Amount of Waste	E. Unit of Measure
32	1	SLUDGE FROM PAINT MFG.	01 (33 34)	D007 (35 38 39 42 / 43 46 47 50)	108726 (51 59)	P (60)
	2	PIGMENT CONTAINING PCB's	01	N/A	110	P
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					

XIII. COMMENTS (enter information by section number—see instructions)

Tear out here

Do not make entries in shaded areas

ENVIRONMENTAL PROTECTION AGENCY

Generator Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31, 1981.

Date rec'd: _____ Rec'd by: _____

VII. GENERATOR'S EPA I.D. NO.

G N J D 0 0 0 8 2 0 1 5 9 [ ] 1 (T/A C)
1 2 13 14 15

VIII. FACILITY NAME (specify facility to which all wastes on this page were shipped)

IX. FACILITY'S EPA I.D. NO.

F O H D 0 4 8 4 1 5 6 6 5
16 28

X. FACILITY ADDRESS

394 GILES ROAD
GRAFTON, OHIO 44044

XI. TRANSPORTATION SERVICES USED (List the name and EPA identification numbers of all transporters whose services were used during 1981. This section to be completed only once. Do not repeat on supplemental sheets.)

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. DOT Hazard code	C. EPA Hazardous Waste No. (see instructions)	D. Amount of Waste	E. Unit of Measure
32	1	SLUDGE FROM PAINT MFG.	01 (33 34)	D001 (35 38 / 43 46) (39 42 / 47 50)	248400 (51 59)	P (60)
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					

Tear out here

XIII. COMMENTS (enter information by section number—see instructions)

BCC: R.A. MEAD - WILM., F+FP DEPT.
R.C. WRITER - PARLIN

FF/P-P-144B

January 7, 1983

U. S. Environmental Protection Agency
Permits Administration Branch
Room 432 2 PM-P A-H
26 Federal Plaza
New York, New York 10007

Gentlemen:

The "Facility Annual Hazardous Waste Report" for the plant for 1981 is attached.

Yours truly,

W. H. BEUTEL, PLANT MANAGER

By: J. R. Marshall

JRM:nk
Attach.

Do not make entries in shaded areas

OMB#: 2050-0005 Expires: 1-31-83

ENVIRONMENTAL PROTECTION AGENCY

FACILITY ANNUAL HAZARDOUS WASTE REPORT

This report is for the calendar year ending December 31, 1981.

AFFIX LABEL HERE

Please print/type with elite type (12 characters per inch)

GENERAL INSTRUCTIONS: If you received a preprinted label attached to the mailing envelope in which this form was enclosed, affix it in the space provided. If any of the information on the label is incorrect, draw a line through it and provide the correct information in the appropriate section below. If the information is correct and complete, leave Sections I, II, and III below blank. If you did not receive a preprinted label, complete all sections. REFER TO THE SPECIFIC INSTRUCTIONS CONTAINED IN THIS BOOKLET BEFORE COMPLETING THIS FORM. The information requested in this report is required by law (Section 3004 of the Resource Conservation Recovery Act).

I. FACILITY EPA I.D. NUMBER

T/A C

1 F NJD000820159 13 1 14 15

II. NAME OF FACILITY

30 E I DUPONT DE NEMOURS & CO INC 69

III. FACILITY MAILING ADDRESS

15 3 WASHINGTON ROAD 45

Street or P.O. Box

15 4 PARLIN 41 NJ 42 47 08859 51

City or Town State Zip Code

IV. LOCATION OF FACILITY (if different than section III above)

15 5 45

Street or Route number

15 6 41 42 47 51

City or Town State Zip Code

V. FACILITY CONTACT

15 2 MARSHALL JOHN R 45

Name (last and first)

46 201-257-1000 55

Phone No. (area code & no.)

VI. COST ESTIMATES FOR FACILITIES

$ 16 , 19 199 , 22 000

Cost Estimate for Facility Closure

$ 25 , 28 , 31

Cost Estimate for Post Closure Monitoring and Maintenance (disposal facilities only)

VII. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

W.H. BEUTEL	PLANT MANAGER	W.H. Beutel	1/10/83
Print/Type Name	Title	Signature of Authorized Representative	Date Signed

EPA Form 8700-13B(5-80) (Revised 10-82)

Tear out here

Do not make entries in shaded areas

ENVIRONMENTAL PROTECTION AGENCY

Facility Annual Hazardous Waste Report (cont.)

This report is for the calendar year ending December 31, 1981.

VIII. FACILITY'S EPA I.D. NO.

T/A C

F NJD000820159 1

1 2 13 14 15

Date received:

Received by:

IX. GENERATOR'S EPA I.D. NO.

G

16 28

X. GENERATOR NAME (specify generator from whom all wastes on this page were received)

ON-SITE

XI. GENERATOR ADDRESS

—

XII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. EPA Hazardous Waste No. (see instructions)	C. Handling Method	D. Amount of Waste	E. Unit of Measure
29 32	1	WASTE DIETHYLENE GLYCOL	33 36 37 40 D001 41 44 45 48	49 51 S02	52 60 867171	61 P
	2	SLUDGE FROM PAINT MFG.	D001	S01	1334907	P
	3	MIXED SOLVENTS FROM PAINT MFG.	F005	S02	5233744	P
	4	MIXED SOLVENTS FROM PAINT MFG.	F005	S01	523374	P
	5	PIGMENT CONTAINING PCB'S	N/A	S01	110	P
	6					
	7					
	8					
	9					
	10					
	11					
	12					

Tear out here

XIII. COMMENTS (enter information by section number—see instructions)

VI BASED ON MAY, 1982 ESTIMATE

XII STORAGE ONLY-FACILITY IS NOT A DISPOSAL OR TREATMENT SITE

BCC: R. A. Mead, F&FP, Wilm.

February 28, 1984

Frank Coolick, Chief
Bureau of Hazardous Waste Engineering
32 East Hanover Street
Trenton, NJ 08625

Gentlemen:

The 1983 Annual "Hazardous Waste Facility Report - Parts I & II" is attached.

It should be noted that the Parlin Plant is a generator and storage facility but does not receive any waste from any other locations. For this reason, there are no manifests for incoming waste shipments. The materials stored on the plant are generated on site and shipped to selected authorized disposal contractors. The storage and shipment records from the plant files are attached to the report.

Please contact us if more information is needed.

Yours truly,

P. G. ROTHAUG, PLANT MANAGER

By: J. R. Marshall

JRM:nk
Attachment

P. G. R.

FEB 28 1984

BCC: R. A. Mead, F&FP, Wilmington

FF/P-P-142A

February 28, 1984

David J. Leu, Chief
Bureau of Hazardous Waste
32 East Hanover Street
Trenton, NJ 08625

Gentlemen:

The "Generator Annual Report" for 1983 is attached as requested.

It should be noted that the Parlin Plant is a generator and storage facility but does not receive any waste from any other locations. For this reason, there are no manifests for incoming waste shipments. The materials stored on the plant are generated on site and shipped to selected authorized disposal contractors. The storage and shipment records from the plant files are attached to the report.

Please contact us if more information is needed.

Yours truly,

P. G. ROTHAUG, PLANT MANAGER

By: J. R. Marshall
J. R. Marshall

JRM:nk
Attachment

P. G. R.

FEB 4 1984

Department of Environmental Protection
Division of Waste Management
Bureau of Hazardous Waste Classification and Manifest

NJD 000820159 — NJT —
EPA ID number (If one was issued)

E.I. du Pont de Nemours & Co. 201-257-1000
Company Name Phone Number

Washington Road
Street Address

Parlin | Middlesex | NJ | 08859
City | County | State | Zip

Same
Mail Address Street Address (If different)

— | | | |
City | County | State | Zip

46-27-030 | 074-19-040
Latitude | Longitude

201-257-1000
Emergency Phone

Generator ✓ Transporter Facility
Company Type (Please check that which applied to your Company)

2851
SIC Code

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2.EPA ID NO.: N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number: (201) 257-1000
TRANSPORTER'S NAME: CHEMICAL WASTE MANAGEMENT INC — 5.EPA ID NO.: A L T 0 0 0 6 2 2 4 6 4
ADDRESS: P.O. BOX 55 EMELLE FACILITY EMELLE AL 35459 — (205) 652-9531
FACILITY'S NAME: CHEMICAL WASTE MANAGEMENT INC — 8.EPA ID NO.: A L T 0 0 0 6 2 2 4 6 4
ADDRESS: P.O. BOX 55 EMELLE FACILITY EMELLE AL 35459 — (205) 652-9531

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118730	WASTE - PAINT LIQUID NOS	FLAMMABLE	4886 LBS	1	F 0 0 5	
NJ 0118735	WASTE - PAINT LIQUID NOS	FLAMMABLE	34320 LBS	1	F 0 0 5	
NJ 0118736	WASTE - PAINT LIQUID NOS	FLAMMABLE	45000 LBS	1	F 0 0 5	
NJ 0118739	WASTE - PAINT LIQUID NOS	FLAMMABLE	45000 LBS	1	F 0 0 5	
NJ 0118740	WASTE - PAINT LIQUID NOS	FLAMMABLE	45000 LBS	1	F 0 0 5	
NJ 0118749	WASTE - PAINT LIQUID NOS	FLAMMABLE	45000 LBS	1	F 0 0 5	
NJ 0118750	WASTE - PAINT LIQUID NOS	FLAMMABLE	45000 LBS	1	F 0 0 5	
NJ 0118759	WASTE - PAINT LIQUID NOS	FLAMMABLE	30000 LBS	1	F 0 0 5	
NJ 0118760	WASTE - PAINT LIQUID NOS	FLAMMABLE	31000 LBS	1	F 0 0 5	
NJ 0118734	WASTE - PAINT LIQUID NOS	FLAMMABLE	33456 LBS	1	F 0 0 5	
NJ 0118762	WASTE - PAINT LIQUID NOS	FLAMMABLE	45000 LBS	1	F 0 0 5	
NJ 0118776	WASTE - PAINT LIQUID NOS	FLAMMABLE	39000 LBS	1	F 0 0 5	

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

1. GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2. EPA ID NO.: N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number: (201) 257-1000
3. TRANSPORTER'S NAME: KISKO TRANS CO (CONTINENTAL CARRIERS) — 5. EPA ID NO.: N J D 9 9 0 7 2 0 6 5 8
ADDRESS: 504 RARITAN STREET SAYREVILLE NJ 08872 — (201) 727-1188
4. FACILITY'S NAME: SOLVENT RECOVERY SERVICE — 6. EPA ID NO.: N J D 0 0 2 1 8 2 8 9 7
ADDRESS: 1200 SYLVAN STREET LINDEN NJ 07036 — (201) 862-2000

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ. CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0095683	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	4000 GLS	1	F 0 0 5	
NJ 0095690	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	4200 GLS	1	F 0 0 5	
NJ 0095689	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	4850 GLS	1	F 0 0 5	
NJ 0095693	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0095696	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0095699	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118704	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118711	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5121 GLS	1	F 0 0 5	
NJ 0118715	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5121 GLS	1	F 0 0 5	
NJ 0118724	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5100 GLS	1	F 0 0 5	
NJ 0118732	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME E I DUPONT DE NEMOURS CO INC 2.EPA ID NO. N J D 0 0 0 8 2 0 1 5 9
ADDRESS WASHINGTON ROAD PARLIN NJ 08859 Telephone Number (201) 257-1000
TRANSPORTER'S NAME KISKO TRANS CO (CONTINENTAL CARRIERS) 5.EPA ID NO. N J D 9 9 0 7 2 0 6 5 8
ADDRESS 504 RARITAN STREET SAYREVILLE NJ 08872 (201) 727-1188
FACILITY'S NAME SOLVENT RECOVERY SERVICE 8.EPA ID NO. N J D 0 0 2 1 8 2 8 9 7
ADDRESS 1200 SYLVAN STREET LINDEN NJ 07036 (201) 862-2000

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118737	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118744	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118746	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118747	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118748	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118751	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118752	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118753	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118754	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	4530 GLS	1	F 0 0 5	
NJ 0118763	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118765	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2.EPA ID NO.: N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number: (201) 257-1000
TRANSPORTER'S NAME: KISKO TRANS CO (CONTINENTAL CARRIERS) — 5.EPA ID NO.: N J D 9 9 0 7 2 0 6 5 8
ADDRESS: 504 RARITAN STREE SAYREVILLE NJ 08872 — (201) 727-1188
FACILITY'S NAME: SOLVENT RECOVERY SERVICE — 8.EPA ID NO.: N J D 0 0 2 1 8 2 8 9 7
ADDRESS: 1200 SYLVAN STREET LINDEN NJ 07036 — (201) 862-2000

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118767	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	4945 GLS	1	F 0 0 5	
NJ 0118768	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	4511 GLS	1	F 0 0 5	
NJ 0118770	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118777	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118778	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118780	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118784	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118785	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118786	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118788	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118790	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118791	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	4500 GLS	1	F 0 0 5	

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

1. GENERATOR'S NAME E I DUPONT DE NEMOURS CO INC 2. EPA ID NO. N J D 0 0 0 8 2 0 1 5 9
3. ADDRESS WASHINGTON ROAD PARLIN NJ 08859 Telephone Number (201) 257-1000
4. TRANSPORTER'S NAME E I DUPONT DE NEMOURS CO INC 5. EPA ID NO. D E D 9 8 0 5 5 1 2 1 2
6. ADDRESS NEW CASTLE DELAWARE 19720 (302) 429-2345
7. FACILITY'S NAME ROLLINS ENVIRONMENTAL SERV (NJ) INC 8. EPA ID NO. N J D 0 5 3 2 8 8 2 3 9
9. ADDRESS P.O. BOX 221 BRIDGEPORT NJ 08014 (609) 467-3105

10. MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ. CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118769	WASTE - PAINT LIQUID NOS	FLAMMABLE	32800 LBS	1	F 0 0 5	

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

-1-

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME E I DUPONT DE NEMOURS CO INC 2.EPA ID NO. N J D 0 0 0 8 2 0 1 5 9

ADDRESS WASHINGTON ROAD PARLIN NJ 08859 Telephone Number (201) 257-1000

TRANSPORTER'S NAME SCA CHEMICAL SERVICE 5.EPA ID NO. N J D 0 8 9 2 1 6 7 9 0

ADDRESS 100 LISTER AVENUE NEWARK NJ 07105 (201) 465-9100

FACILITY'S NAME SCA CHEMICAL SERVICE 8.EPA ID NO. S C D 0 7 0 3 7 5 9 8 5

ADDRESS ROUTE #1 PINEWOOD SO CAROLINA 29125 (803) 452-5003

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0095695	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	38000 LBS	3	F 0 0 5	
NJ 0118713	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118714	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118718	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118719	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118720	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118722	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	38000 LBS	3	F 0 0 5	
NJ 0118742	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	35000 LBS	3	F 0 0 5	

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2.EPA ID NO.: N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number: (201) 257-1000
TRANSPORTER'S NAME: SCA CHEMICAL SERVICE — 5.EPA ID NO.: N J D 0 8 9 2 1 6 7 9 0
ADDRESS: 100 LISTER AVENUE NEWARK NJ 07105 — (201) 465-9100
FACILITY'S NAME: SCA CHEMICAL SERVICE — 8.EPA ID NO.: S C D 0 7 0 3 7 5 9 8 5
ADDRESS: ROUTE #1 PINEWOOD SO CAROLINA 29125 — (803) 452-5003

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118726	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118772	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	36100 LBS	3	F 0 0 5	

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME E I DUPONT DE NEMOURS CO INC 2.EPA ID NO. N J D 0 0 0 8 2 0 1 5 9

ADDRESS WASHINGTON ROAD PARLIN NJ 08859 Telephone Number (201) 257-1000

TRANSPORTER'S NAME PITTSBURGH PIPE CO 5.EPA ID NO. P A D 0 5 7 1 3 4 2 7 2

ADDRESS CONCORD IND PARK CONCORDVILLE PA 19331 (215) 459-2044

FACILITY'S NAME E I DUPONT DE NEMOURS CO INC 8.EPA ID NO. N J D 0 0 2 3 8 5 7 3 0

ADDRESS CHAMBERS WORKS DEEPWATER NJ 08023 (201) 299-5000

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0095698	WASTE - WATER NOS	NON-FLAMMABLE	3000 GLS	1	F 0 0 5	
NJ 0118727	WASTE - WATER NOS	NON-FLAMMABLE	2800 GLS	1	F 0 0 5	
NJ 0118751	WASTE - WATER NOS	NON-FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118793	WASTE - WATER NOS	NON-FLAMMABLE	4000 GLS	1	F 0 0 5	

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

1. GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2. EPA ID NO.: N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number: (201) 257-1000
3. TRANSPORTER'S NAME: HISKO TRUCKING CO — 5. EPA ID NO.: N J D 0 6 0 7 8 4 4 9 3
ADDRESS: SECOND & ADAMS STREET SO KEARNY NJ 07032 — (201) 465-9165
4. FACILITY'S NAME: SCA CHEMICAL SERVICE — 6. EPA ID NO.: N Y D 0 4 9 8 3 6 6 7 9
ADDRESS: 1135 BALMER ROAD MODEL CITY NEW YORK — (716) 754-8231

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118710	(WASTE - INSULATION CONTAINING ASBESTOS	NON-FLAMMABLE	1700 LBS)			
	(WASTE - POLYFLUOROCARBONS	NON-FLAMMABLE	9800 LBS)	1	F 0 0 5	

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

1. GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2. EPA ID NO.: N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number: (201) 257-1000
3. TRANSPORTER'S NAME: SCA CHEMICAL SERVICE — 5. EPA ID NO.: NJ D 0 8 9 2 1 6 7 9 0
ADDRESS: 100 LISTER AVENUE NEWARK NJ 07105 — (201) 465-9100
4. FACILITY'S NAME: SCA CHEMICAL SERVICE EARTHLINE DIVISION — 6. EPA ID NO.: N J D 0 8 9 2 1 6 7 9 0
ADDRESS: 100 LISTER AVENUE NEWARK NJ 07105 — (201)465-9100

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0095687	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2600 GLS	1	F 0 0 5	
NJ 0095691	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2000 GLS	1	F 0 0 5	
NJ 0095692	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2600 GLS	1	F 0 0 5	
NJ 0095697	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2400 GLS	1	F 0 0 5	
NJ 0118701	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2000 GLS	1	F 0 0 5	
NJ 0118703	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2600 GLS	1	F 0 0 5	
NJ 0118705	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	1500 GLS	1	F 0 0 5	
NJ 0118709	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2600 GLS	1	F 0 0 5	
NJ 0118712	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	5000 GLS	1	F 0 0 5	
NJ 0118717	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2800 GLS	1	F 0 0 5	
NJ 0118723	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	3000 GLS	1	F 0 0 5	

29,100

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2.EPA ID NO. N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number (201) 257-1000
TRANSPORTER'S NAME: SCA CHEMICAL SERVICE — 5.EPA ID NO. N J D 0 8 9 2 1 6 7 9 0
ADDRESS: 100 LISTER AVENUE NEWARK NJ 07105 — (201) 465-9100
FACILITY'S NAME: SCA CHEMICAL SERVICE EARTHLINE DIVISION — 8.EPA ID NO. N J D 0 8 9 2 1 6 7 9 0
ADDRESS: 100 LISTER AVENUE NEWARK NJ 07105 — (201) 465-9100

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118729	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	3000 GLS	1	F 0 0 5	
NJ 0118731	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	3000 GLS	1	F 0 0 5	
NJ 0118733	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2688 GLS	1	F 0 0 5	
NJ 0118738	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	1000 GLS	1	F 0 0 5	
NJ 0118743	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2500 GLS	1	F 0 0 5	
NJ 0118756	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	3000 GLS	1	F 0 0 5	
NJ 0118757	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2600 GLS	1	F 0 0 5	
NJ 0118761	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2800 GLS	1	F 0 0 5	
NJ 0118766	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2400 GLS	1	F 0 0 5	
NJ 0118773	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2800 GLS	1	F 0 0 5	
NJ 0118783	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2800 GLS	1	F 0 0 5	

28,588

- PLACE AN "A" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME E I DUPONT DE NEMOURS CO INC 2.EPA ID NO. N J D 0 0 0 8 2 0 1 5 9

ADDRESS WASHINGTON ROAD PARLIN NJ 08859 Telephone Number (201) 257-1000

TRANSPORTER'S NAME SCA CHEMICAL SERVICE 5.EPA ID NO. N J D 0 8 9 2 1 6 7 9 0

ADDRESS 100 LISTER AVENUE NEWARK NJ 07105 (201) 465-9100

FACILITY'S NAME SCA CHEMICAL SERVICE EARTHLINE DIVISION 8.EPA ID NO. N J D 0 8 9 2 1 6 7 9 0

ADDRESS 100 LISTER AVENUE NEWARK NJ 07105 (201) 465-9100

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118787	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2900 GLS	1	F 0 0 5	
NJ 0118792	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2400 GLS	1	F 0 0 5	
NJ 0118795	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	1800 GLS	1	F 0 0 5	
NJ 0118796	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2600 GLS	1	F 0 0 5	

9700

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2.EPA ID NO. NJD000820159
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number (201) 257-1000
TRANSPORTER'S NAME: HISKO TRUCKING CO — 5.EPA ID NO. NJD060784493
ADDRESS: 24 BUCKINGHAM PLACE PERTH AMBOY NJ 08862 — (201) 826-5100
FACILITY'S NAME: SCA CHEMICAL SERVICE EARTHLINE DIV — 8.EPA ID NO. NJD089216790
ADDRESS: 100 LISTER AVENUE NEWARK NJ 07105 — (201) 465-9100

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118779	WASTE - COMBUSTIBLE LIQUID NOS (ETHYLENE GLYCOL)	COMBUSTIBLE	2000 GLS	1	F 0 0 5	

9700
28,588
29,100
69,388 gal

70,000 gal
3,40 PT
1 PT every

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

1. GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2. EPA ID NO.: N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number: (201) 257-1000
3. TRANSPORTER'S NAME: ROSS TRANS SERVICE — 5. EPA ID NO.: O H D 9 8 0 6 1 4 3 7 4
ADDRESS: 394 GILES ROAD GRAFTON OHIO 44044 — (216) 748-2171
4. FACILITY'S NAME: ROSS INCINERATION SERVICE INC — 6. EPA ID NO.: O H D 0 4 8 4 1 5 6 6 5
ADDRESS: 394 GILES ROAD GRAFTON OHIO 44044 — (216) 748-2171

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0095681	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0095688	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0095694	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0095700	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118702	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118716	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118721	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118725	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36200 LBS	3	F 0 0 5	
NJ 0118707	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36200 LBS	3	F 0 0 5	
NJ 0118728	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118741	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

1. GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2. EPA ID NO.: N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number: (201) 257-1000
3. TRANSPORTER'S NAME: ROSS TRANS SERVICE — 5. EPA ID NO.: O H D 9 8 0 6 1 4 3 7 4
ADDRESS: 394 GILES ROAD GRAFTON OHIO 44044 — (216) 748-2171
4. FACILITY'S NAME: ROSS INCINERATION SERVICE INC — 6. EPA ID NO.: O H D 0 4 8 4 1 5 6 6 5
ADDRESS: 394 GILES ROAD GRAFTON OHIO 44044 — (216) 748-2171

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118745	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	34200 LBS	3	F 0 0 5	
NJ 0118758	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118771	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	34200 LBS	3	F 0 0 5	
NJ 0118774	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118781	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	34200 LBS	3	F 0 0 5	
NJ 0118782	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118789	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	30000 LBS	3	F 0 0 5	

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF WASTE MANAGEMENT
32 E. Hanover St., CN 028, Trenton, N.J. 08625

MARWAN M. SADAT, P.E.
DIRECTOR

December 15, 1983

LINO F. PEREIRA, P.E.
DEPUTY DIRECTOR

Sirs:

New Jersey Hazardous Waste Regulations (N.J.A.C. 7:26-7.4) require each generator to file an Annual Report with the Department of Environmental Protection. This Annual Report for calendar year 1983 is due no later than March 1, 1984. To assist you in fulfilling the annual reporting requirements, I have enclosed a copy of the report form that must be used. Instructions on how to properly fill out the report are attached. Please note that this is the same form that was used last year.

It is important that your Annual Report be sent to:

GENERATORS ANNUAL REPORT - MANIFEST SECTION
N.J. DEP. Division of Waste Management
Bureau of Hazardous Waste Classification & Manifest
32 East Hanover Street
Trenton, New Jersey 08625

All Generators having an EPA ID number must submit a report. If no waste was manifested during 1983 fill out #1,#2, and #3, of the form and write "No waste manifested during 1983". If you have used a New Jersey manifest to move any waste, you must file a report. If you have more than one EPA ID number, a report must be filed for each numbe. PLEASE NOTE: Small quantity Generators who have obtained an EPA ID number must file a report.

Please verify the accuracy of your Company's name, address and EPA ID number on your mailing label. If your Company has changed its name in the calendar year, please enter the former name in parentheses.

This year we are including a Company information sheet that must be completed and returned with your annual report.

The State is now fully computerized and all information submitted on your annual report will be checked and verified. Any discrepancies may invoke enforcement action, including fines and penalties.

I hope the enclosed Annual Report form and hazardous waste information will assist you in your hazardous waste management practices. If you require assistance or need additional information concerning the Annual Report, please call Shirley Allen at (609) 292-8341.

Sincerely yours,

David J. Leu

David J. Leu, Ph. D.
Chief
Bureau of Hazardous Waste
Classification & Manifest

PR8:ska
Enclosures

New Jersey Is An Equal Opportunity Employer

Department of Environmental Protection
Division of Waste Management
Bureau of Hazardous Waste Classification and Manifest

NJD 000820159 — NJT —
EPA ID number (If one was issued)

E.I. du Pont de Nemours & Co. 201-257-1000
Company Name Phone Number

Washington Road
Street Address

Parlin Middlesex NJ 08859
City County State Zip

Same
Mail Address Street Address (If different)

—
City County State Zip

46-27-030 074-19-040
Latitude Longitude

201-257-1000
Emergency Phone

Generator ✓ Transporter Facility
Company Type (Please check that which applied to your Company)

2851
SIC Code

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

1. GENERATOR'S NAME_____ 2. EPA ID NO._____

3. ADDRESS_____ TELEPHONE_____

4. TRANSPORTER'S NAME_____ 5. EPA ID NO_____

5. ADDRESS _____

7. FACILITY'S NAME_____ 8. EPA ID NO_____

9. ADDRESS _____

10. MANIFEST NO | DESCRIPTION OF WASTE | DOT HAZ.CLASS | QUANTITY | UNITS | EPA WASTE TYPE | REJECTED

* - PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

READ CAREFULLY

INSTRUCTIONS FOR THE COMPLETION OF THE HAZARDOUS WASTE GENERATOR'S ANNUAL REPORT

(For information or assistance, please call Mrs. Shirley K. Allen at (609) 292-8341)

According to N.J.A.C. 7:26-7.4(g)1, all New Jersey generators of hazardous waste must submit an Annual Report on a form approved by the New Jersey Department of Environmental Protection. The Annual Report shall be for the previous calendar year and shall be submitted by March 1st of each year.

To assist you in fulfilling the annual report requirements, the Department has enclosed a copy of the format that must be used. It should be noted that only those manifests which the transporter and the facility are listed in Lines 4 and 7 should be entered under Line 10. If you used different transporters or facilities during the calendar year 1983, then a separate page for each transporter/facility combination must be submitted. Instructions on how to properly fill out the report are given below.

INSTRUCTIONS:

Line #

1 Enter your company's name.

2 Your EPA ID number must be entered. This is a 12 digit identification number assigned to you by the U.S. EPA.

3 Enter the street address where you generated the hazardous waste and your telephone number.

4 Enter the company name of the transporter you used.

5 Enter the transporter's EPA ID number. This may be obtained from the generator's copy of the manifest document.

6 Enter the transporter's address.

7 Enter the company name of the TSD facility to which the waste was sent.

8 Enter the facility's EPA ID number. This may be obtained from the generator's copy of the manifest document.

9 Enter the facility's address.

10 Under the appropriate headings, enter each mainifest number, description of waste, DOT hazard class, quantity, units, EPA waste type, and place an "*" under Rejected if the facility rejected the waste load being manifest.
If your report is more than one page, number each page in the space provided in the upper right-hand corner.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE FACILITY ANNUAL REPORT - PART I

1. CALENDAR YEAR COVERED 1983

2. FACILITY'S NAME E.I. du Pont de Nemours & Co.

3. EPA ID NO. NJ0008201S9

4. MAILING ADDRESS FINISHES AND FABRICATED PRODUCTS DEPT.
WASHINGTON ROAD
PARLIN, NJ 08859

5. STREET ADDRESS OF FACILITY SAME AS ABOVE

6. FACILITY CONTACT JOHN R. MARSHALL PHONE NUMBER 201-257-1000

7. CLOSURE COST ESTIMATE $ 210,940

8. POST-CLOSURE COST ESTIMATE (if applicable) $ N/A

9. CERTIFICATION STATEMENT

"I certify under panalty of law that I have personally examined and am familar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties under N.J.S.A. 13:1E-1 et seq. for submitting false information, including the possibility of fine and imprisonment".

P.G. ROTHAUG		2/28/84
Print or Type Name	Signature	Date

10. In addition to the information required above and that required in Part II of this report, please submit the following required items: (where applicable)

A. A copy of the facility's typical waste analysis form. — ATTACHED
B. A copy of the facility's typical daily inspection form. — ATTACHED
C. A copy of the typical notice to a generator, required under N.J.A.C. 7:26-9.4(a)1 and a listing of all generators who received this notice (only for commercial facilities). — N/A
D. A listing of all waste shipments rejected, according to manifest number and an explanation for each rejected shipment (only for commercial facilities). — NONE
E. A listing of all manifest discrepancies and an explanation of each discrepancy (only for commercial facilities). — NONE
F. A listing of the total quantity of each waste type treated, stored, or disposed of at the facility. This listing shall include all hazardous waste accepted at the hazardous waste facility, including all on-site generated hazardous waste. — ATTACHED
G. A listing of the total quantities of each waste type consigned to each treatment, storage, or disposal process used at the facility. This listing shall include all hazardous waste accepted at the hazardous waste facility, including all on-site generated hazardous waste. — ATTACHED
H. A report covering all incidents that required implementing the contingency plan. — NONE FOR 1983

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE FACILITY ANNUAL REPORT - PART II

11. FACILITY EPA ID # NJD000820159

12. GENERATOR NAME E.I. duPONT deNEMOURS & Co.

13. GENERATOR ADDRESS FINISHES AND FABRICATED PRODUCTS DEPT.
WASHINGTON ROAD
PARLIN, NJ 08859

14. GENERATOR EPA ID # NJD000820159

15. WASTE IDENTIFICATION

LINE NUMBER	a) DESCRIPTION OF WASTE	b) NJDEP HAZARDOUS WASTE NUMBER	c) HANDLING METHOD	d) AMOUNT OF WASTE	e) UNITS
1	WASTE FLAMMABLE LIQUID NOS.	F005	S01, S02	2,447,486	P
2	WASTE ETHYLENE GLYCOL	F005	S02	624,492	P
3	WASTE FLAMMABLE LIQUID NOS (PAINT SLUDGE)	F005	S01	363,100	P
4	WASTE-WATER NOS	F005	S01	118,400	P
5	WASTE-INSULATION ASBESTOS	—	S01	1,700	P
6	WASTE-POLYFLUROCARBONS	—	S01	9,800	P

DATE 3/16/82

DU PONT CODE —

CONTRACTOR'S CODE —

EPA CODES D001

OTHER CODES NONE

WASTE CHARACTERIZATION

I. LOCATION PARLIN F+F PLANT

EPA I.D.# N.J. 000820159

II. NAME OF WASTE PAINT WASTE-LIQUID

III. COMPOSITION

A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE % UPPER	D. CONCENTRATION RANGE % LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1. PIGMENTS		20	3		
2. HYDROCARBONS		80	10		
3. KETONES/ESTERS		50	5		
4. ALCOHOLS		20	0		
5. MISC. PAINT SOLVENTS		20	5		

B. TRACE COMPONENTS NOT LISTED ABOVE

IV. PHYSICAL STATE @ 25°F (CIRCLE): SOLID (LIQUID) SLUDGE LIQUID/SOLID PHASES GAS

OTHER

SOLIDS : IS THERE A DUSTING HAZARD IF CONTAINERS ARE OPENED?

✓ LIQUIDS & SLUDGES : CAN THE WASTE BE PUMPED? NO POURED? YES

LIQUID/SOLID PHASES: % FREE FLOWING LIQUID LAYER (VOLUME %)

GASES : PRESSURE OF CONTAINER PSIG

V. CONTAINMENT (CIRCLE)

BULK (MC)

(55-GAL. STEEL DRUMS) (DOT 17H, 17E)

30-GAL. FIBER DRUMS (DOT)

5-GAL. PAILS

OTHER

APPROX. WT. PER CONTAINER 450 LBS.

VI. PROPERTIES (CIRCLE)

COMBUSTIBLE (FP °F) (IGNITABLE) (FP±20°F)
(CLOSED CUP) (CLOSED CUP)

CORROSIVE OSHA CARCINOGEN

pH ODOR (YES/NO)

REACTIVE

TOXIC

OTHER

VII. D.O.T. SHIPPING NAME WASTE FLAMMABLE LIQUID NOS

D.O.T. HAZARD CLASSIFICATION FLAMMABLE

IX. REMARKS NONE

VIII. VOLUME (FOR PLANNING PURPOSES ONLY)

THIS REQUEST 5,000 GAL.

ANNUAL 15,000 GAL.

HAZARDOUS WASTE REPORT & AUDIT
WEEK BEGINNING 7/19/83
P. & P. AREA

		Location	Gallons
Resin/Sludge		N. Bldg. 2021	3350
		N. Hospital	1900
		E. Bldg. 1927	3700
	Other		0
Wash Solvent		N. Bldg. 2021	0
		N. Hospital	0
		E. Bldg. 1927	0
		Tanks 10 & 11	12435
	Other	Tank 625	5400
Ethylene Glycol		Tanks 146 & 438	1659
	Other		0
Other H. Waste		Asbestos in drums	450
			0
Total Stored in Area			28,894

At the time of the inventory area storage locations were audited:

1. Waste was properly stored in approved locations.
2. Waste was stored in DOT approved containers.
3. Containers & Tk's. were in good condition.
4. Containers & Tk's. were properly identified.
5. Note exceptions and corrective action taken on aobve -

SIGNED: Ronald T Coulet
Member of Area Supervision

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME E I DUPONT DE NEMOURS CO INC 2.EPA ID NO. N J D 0 0 0 8 2 0 1 5 9

ADDRESS WASHINGTON ROAD PARLIN NJ 08859 Telephone Number (201) 257-1000

TRANSPORTER'S NAME CHEMICAL WASTE MANAGEMENT INC 5.EPA ID NO. A L T 0 0 0 6 2 2 4 6 4

ADDRESS P.O. BOX 55 EMELLE FACILITY EMELLE AL 35459 (205) 652-9531

FACILITY'S NAME CHEMICAL WASTE MANAGEMENT INC 8.EPA ID NO. A L T 0 0 0 6 2 2 4 6 4

ADDRESS P.O. BOX 55 EMELLE FACILITY EMELLE AL 35459 (205) 652-9531

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118730	WASTE - PAINT LIQUID NOS	FLAMMABLE	4886 LBS	1	F 0 0 5	
NJ 0118735	WASTE - PAINT LIQUID NOS	FLAMMABLE	34320 LBS	1	F 0 0 5	
NJ 0118736	WASTE - PAINT LIQUID NOS	FLAMMABLE	45000 LBS	1	F 0 0 5	
NJ 0118739	WASTE - PAINT LIQUID NOS	FLAMMABLE	45000 LBS	1	F 0 0 5	
NJ 0118740	WASTE - PAINT LIQUID NOS	FLAMMABLE	45000 LBS	1	F 0 0 5	
NJ 0118749	WASTE - PAINT LIQUID NOS	FLAMMABLE	45000 LBS	1	F 0 0 5	
NJ 0118750	WASTE - PAINT LIQUID NOS	FLAMMABLE	45000 LBS	1	F 0 0 5	
NJ 0118759	WASTE - PAINT LIQUID NOS	FLAMMABLE	30000 LBS	1	F 0 0 5	
NJ 0118760	WASTE - PAINT LIQUID NOS	FLAMMABLE	31000 LBS	1	F 0 0 5	
NJ 0118734	WASTE - PAINT LIQUID NOS	FLAMMABLE	33456 LBS	1	F 0 0 5	
NJ 0118762	WASTE - PAINT LIQUID NOS	FLAMMABLE	45000 LBS	1	F 0 0 5	
NJ 0118776	WASTE - PAINT LIQUID NOS	FLAMMABLE	39000 LBS	1	F 0 0 5	

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME E I DUPONT DE NEMOURS CO INC 2.EPA ID NO. N J D 0 0 0 8 2 0 1 5 9
ADDRESS WASHINGTON ROAD PARLIN NJ 08859 Telephone Number (201) 257-1000
TRANSPORTER'S NAME KISKO TRANS CO (CONTINENTAL CARRIERS) 5.EPA ID NO. N J D 9 9 0 7 2 0 6 5 8
ADDRESS 504 RARITAN STREET SAYREVILLE NJ 08872 (201) 727-1188
FACILITY'S NAME SOLVENT RECOVERY SERVICE 8.EPA ID NO. N J D 0 0 2 1 8 2 8 9 7
ADDRESS 1200 SYLVAN STREET LINDEN NJ 07036 (201) 862-2000

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0095683	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	4000 GLS	1	F 0 0 5	
NJ 0095690	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	4200 GLS	1	F 0 0 5	
NJ 0095689	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	4850 GLS	1	F 0 0 5	
NJ 0095693	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0095696	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0095699	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118704	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118711	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5121 GLS	1	F 0 0 5	
NJ 0118715	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5121 GLS	1	F 0 0 5	
NJ 0118724	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5100 GLS	1	F 0 0 5	
NJ 0118732	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2.EPA ID NO.: N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number: (201) 257-1000
TRANSPORTER'S NAME: KISKO TRANS CO (CONTINENTAL CARRIERS) — 5.EPA ID NO.: N J D 9 9 0 7 2 0 6 5 8
ADDRESS: 504 RARITAN STREET SAYREVILLE NJ 08872 — (201) 727-1188
FACILITY'S NAME: SOLVENT RECOVERY SERVICE — 8.EPA ID NO.: N J D 0 0 2 1 8 2 8 9 7
ADDRESS: 1200 SYLVAN STREET LINDEN NJ 07036 — (201) 862-2000

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118737	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118744	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118746	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118747	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118748	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118751	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118752	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118753	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118754	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	4530 GLS	1	F 0 0 5	
NJ 0118763	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118765	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2.EPA ID NO.: N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number: (201) 257-1000
TRANSPORTER'S NAME: KISKO TRANS CO (CONTINENTAL CARRIERS) — 5.EPA ID NO.: N J D 9 9 0 7 2 0 6 5 8
ADDRESS: 504 RARITAN STREE SAYREVILLE NJ 08872 — (201) 727-1188
FACILITY'S NAME: SOLVENT RECOVERY SERVICE — 8.EPA ID NO.: N J D 0 0 2 1 8 2 8 9 7
ADDRESS: 1200 SYLVAN STREET LINDEN NJ 07036 — (201) 862-2000

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118767	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	4945 GLS	1	F 0 0 5	
NJ 0118768	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	4511 GLS	1	F 0 0 5	
NJ 0118770	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118777	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118778	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118780	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118784	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118785	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118786	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118788	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118790	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118791	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	4500 GLS	1	F 0 0 5	

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

1. GENERATOR'S NAME E I DUPONT DE NEMOURS CO INC — 2. EPA ID NO. N J D 0 0 0 8 2 0 1 5 9
3. ADDRESS WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number (201) 257-1000
4. TRANSPORTER'S NAME E I DUPONT DE NEMOURS CO INC — 5. EPA ID NO. D E D 9 8 0 5 5 1 2 1 2
6. ADDRESS NEW CASTLE DELAWARE 19720 — (302) 429-2345
7. FACILITY'S NAME ROLLINS ENVIRONMENTAL SERV (NJ) INC — 8. EPA ID NO. N J D 0 5 3 2 8 8 2 3 9
9. ADDRESS P.O. BOX 221 BRIDGEPORT NJ 08014 — (609) 467-3105

10. MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ. CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118769	WASTE - PAINT LIQUID NOS	FLAMMABLE	32800 LBS	1	F 0 0 5	

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2.EPA ID NO.: N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number: (201) 257-1000
TRANSPORTER'S NAME: SCA CHEMICAL SERVICE — 5.EPA ID NO.: N J D 0 8 9 2 1 6 7 9 0
ADDRESS: 100 LISTER AVENUE NEWARK NJ 07105 — (201) 465-9100
FACILITY'S NAME: SCA CHEMICAL SERVICE — 8.EPA ID NO.: S C D 0 7 0 3 7 5 9 8 5
ADDRESS: ROUTE #1 PINEWOOD SO CAROLINA 29125 — (803) 452-5003

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0095695	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	38000 LBS	3	F 0 0 5	
NJ 0118713	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118714	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118718	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118719	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118720	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118722	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	38000 LBS	3	F 0 0 5	
NJ 0118742	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	35000 LBS	3	F 0 0 5	

PLACE AN "A" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME E I DUPONT DE NEMOURS CO INC 2.EPA ID NO. N J D 0 0 0 8 2 0 1 5 9

ADDRESS WASHINGTON ROAD PARLIN NJ 08859 Telephone Number (201) 257-1000

TRANSPORTER'S NAME SCA CHEMICAL SERVICE 5.EPA ID NO. N J D 0 8 9 2 1 6 7 9 0

ADDRESS 100 LISTER AVENUE NEWARK NJ 07105 (201) 465-9100

FACILITY'S NAME SCA CHEMICAL SERVICE 8.EPA ID NO. S C D 0 7 0 3 7 5 9 8 5

ADDRESS ROUTE #1 PINEWOOD SO CAROLINA 29125 (803) 452-5003

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118726	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118772	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	36100 LBS	3	F 0 0 5	

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME E I DUPONT DE NEMOURS CO INC 2.EPA ID NO. N J D 0 0 0 8 2 0 1 5 9

ADDRESS WASHINGTON ROAD PARLIN NJ 08859 Telephone Number (201) 257-1000

TRANSPORTER'S NAME PITTSBURGH PIPE CO 5.EPA ID NO. P A D 0 5 7 1 3 4 2 7 2

ADDRESS CONCORD IND PARK CONCORDVILLE PA 19331 (215) 459-2044

FACILITY'S NAME E I DUPONT DE NEMOURS CO INC 8.EPA ID NO. N J D 0 0 2 3 8 5 7 3 0

ADDRESS CHAMBERS WORKS DEEPWATER NJ 08023 (201) 299-5000

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0095698	WASTE - WATER NOS	NON-FLAMMABLE	3000 GLS	1	F 0 0 5	
NJ 0118727	WASTE - WATER NOS	NON-FLAMMABLE	2800 GLS	1	F 0 0 5	
NJ 0118751	WASTE - WATER NOS	NON-FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118793	WASTE - WATER NOS	NON-FLAMMABLE	4000 GLS	1	F 0 0 5	

PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2.EPA ID NO. N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number (201) 257-1000
TRANSPORTER'S NAME: HISKO TRUCKING CO — 5.EPA ID NO. N J D 0 6 0 7 8 4 4 9 3
ADDRESS: SECOND & ADAMS STREET SO KEARNY NJ 07032 — (201) 465-9165
FACILITY'S NAME: SCA CHEMICAL SERVICE — 8.EPA ID NO. N Y D 0 4 9 8 3 6 6 7 9
ADDRESS: 1135 BALMER ROAD MODEL CITY NEW YORK — (716) 754-8231

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118710	(WASTE - INSULATION CONTAINING ASBESTOS	NON-FLAMMABLE	1700 LBS)			
	(WASTE - POLYFLUOROCARBONS	NON-FLAMMABLE	9800 LBS)	1	F 0 0 5	

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

1. GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2. EPA ID NO.: N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number: (201) 257-1000
3. TRANSPORTER'S NAME: SCA CHEMICAL SERVICE — 5. EPA ID NO.: NJ D 0 8 9 2 1 6 7 9 0
ADDRESS: 100 LISTER AVENUE NEWARK NJ 07105 — (201) 465-9100
4. FACILITY'S NAME: SCA CHEMICAL SERVICE EARTHLINE DIVISION — 8. EPA ID NO.: N J D 0 8 9 2 1 6 7 9 0
ADDRESS: 100 LISTER AVENUE NEWARK NJ 07105 — (201)465-9100

6. MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ. CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTE
NJ 0095687	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2600 GLS	1	F 0 0 5	
NJ 0095691	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2000 GLS	1	F 0 0 5	
NJ 0095692	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2600 GLS	1	F 0 0 5	
NJ 0095697	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2400 GLS	1	F 0 0 5	
NJ 0118701	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2000 GLS	1	F 0 0 5	
NJ 0118703	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2600 GLS	1	F 0 0 5	
NJ 0118705	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	1500 GLS	1	F 0 0 5	
NJ 0118709	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2600 GLS	1	F 0 0 5	
NJ 0118712	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	5000 GLS	1	F 0 0 5	
NJ 0118717	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2800 GLS	1	F 0 0 5	
NJ 0118723	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	3000 GLS	1	F 0 0 5	

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME E I DUPONT DE NEMOURS CO INC 2.EPA ID NO. N J D 0 0 0 8 2 0 1 5 9
ADDRESS WASHINGTON ROAD PARLIN NJ 08859 Telephone Number (201) 257-1000
TRANSPORTER'S NAME SCA CHEMICAL SERVICE 5.EPA ID NO. N J D 0 8 9 2 1 6 7 9 0
ADDRESS 100 LISTER AVENUE NEWARK NJ 07105 (201) 465-9100
FACILITY'S NAME SCA CHEMICAL SERVICE EARTHLINE DIVISION 8.EPA ID NO. N J D 0 8 9 2 1 6 7 9 0
ADDRESS 100 LISTER AVENUE NEWARK NJ 07105 (201) 465-9100

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS*	EPA WASTE TYPE	REJECTED
NJ 0118729	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	3000 GLS	1	F 0 0 5	
NJ 0118731	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	3000 GLS	1	F 0 0 5	
NJ 0118733	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2688 GLS	1	F 0 0 5	
NJ 0118738	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	1000 GLS	1	F 0 0 5	
NJ 0118743	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2500 GLS	1	F 0 0 5	
NJ 0118756	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	3000 GLS	1	F 0 0 5	
NJ 0118757	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2600 GLS	1	F 0 0 5	
NJ 0118761	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2800 GLS	1	F 0 0 5	
NJ 0118766	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2400 GLS	1	F 0 0 5	
NJ 0118773	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2800 GLS	1	F 0 0 5	
NJ 0118783	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2800 GLS	1	F 0 0 5	

* PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME E I DUPONT DE NEMOURS CO INC 2.EPA ID NO. N J D 0 0 0 8 2 0 1 5 9

ADDRESS WASHINGTON ROAD PARLIN NJ 08859 Telephone Number (201) 257-1000

TRANSPORTER'S NAME SCA CHEMICAL SERVICE 5.EPA ID NO: N J D 0 8 9 2 1 6 7 9 0

ADDRESS 100 LISTER AVENUE NEWARK NJ 07105 (201) 465-9100

FACILITY'S NAME SCA CHEMICAL SERVICE EARTHLINE DIVISION 8.EPA ID NO. N J D 0 8 9 2 1 6 7 9 0

ADDRESS 100 LISTER AVENUE NEWARK NJ 07105 (201) 465-9100

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118787	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2900 GLS	1	F 0 0 5	
NJ 0118792	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2400 GLS	1	F 0 0 5	
NJ 0118795	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	1800 GLS	1	F 0 0 5	
NJ 0118796	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2600 GLS	1	F 0 0 5	

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2.EPA ID NO. N J D 0 0 0 8 2 0 1 5 9

ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number (201) 257-1000

TRANSPORTER'S NAME: HISKO TRUCKING CO — 5.EPA ID NO. N J D 0 6 0 7 8 4 4 9 3

ADDRESS: 24 BUCKINGHAM PLACE PERTH AMBOY NJ 08862 — (201) 826-5100

FACILITY'S NAME: SCA CHEMICAL SERVICE EARTHLINE DIV — 8.EPA ID NO. N J D 0 8 9 2 1 6 7 9 0

ADDRESS: 100 LISTER AVENUE NEWARK NJ 07105 — (201) 465-9100

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118779	WASTE - COMBUSTIBLE LIQUID NOS (ETHYLENE GLYCOL)	COMBUSTIBLE	2000 GLS	1	F 0 0 5	

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME E I DUPONT DE NEMOURS CO INC 2.EPA ID NO. N J D 0 0 0 8 2 0 1 5 9

ADDRESS WASHINGTON ROAD PARLIN NJ 08859 Telephone Number (201) 257-1000

TRANSPORTER'S NAME ROSS TRANS SERVICE 5.EPA ID NO. O H D 9 8 0 6 1 4 3 7 4

ADDRESS 394 GILES ROAD GRAFTON OHIO 44044 (216) 748-2171

FACILITY'S NAME ROSS INCINERATION SERVICE INC 8.EPA ID NO. O H D 0 4 8 4 1 5 6 6 5

ADDRESS 394 GILES ROAD GRAFTON OHIO 44044 (216) 748-2171

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0095681	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0095688	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0095694	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0095700	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118702	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118716	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118721	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118725	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36200 LBS	3	F 0 0 5	
NJ 0118707	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36200 LBS	3	F 0 0 5	
NJ 0118728	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118741	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

1. GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2. EPA ID NO.: N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number: (201) 257-1000
3. TRANSPORTER'S NAME: ROSS TRANS SERVICE — 5. EPA ID NO.: O H D 9 8 0 6 1 4 3 7 4
ADDRESS: 394 GILES ROAD GRAFTON OHIO 44044 — (216) 748-2171
4. FACILITY'S NAME: ROSS INCINERATION SERVICE INC — 6. EPA ID NO.: O H D 0 4 8 4 1 5 6 6 5
ADDRESS: 394 GILES ROAD GRAFTON OHIO 44044 — (216) 748-2171

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ. CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118745	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	34200 LBS	3	F 0 0 5	
NJ 0118758	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118771	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	34200 LBS	3	F 0 0 5	
NJ 0118774	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118781	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	34200 LBS	3	F 0 0 5	
NJ 0118782	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118789	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	30000 LBS	3	F 0 0 5	

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
32 E. Hanover St., CN 028, Trenton, N.J. 08625

MARWAN M. SADAT, P.E.
DIRECTOR

LINO F. PEREIRA, P.E.
DEPUTY DIRECTOR

Instructions for the completion of the New Jersey Hazardous Waste Facility Annual Report - Parts I & II

For more information or assistance, please call the
Bureau of Hazardous Waste Engineering at (609) 292-9880

==========

According to N.J.A.C. 7:26-7.6(f)2, all New Jersey owners or operators of hazardous waste treatment, storage, or disposal facilities must submit an annual report to the Department by March 1 of each year, covering the previous calendar year.

To assist you in fulfilling the annual report requirements, the Department has enclosed a copy of the format that is to be utilized. Instructions on how to properly fill out the report are given below.

PLEASE NOTE: This report is different and separate from the Generator's Annual Report referred to in N.J.A.C. 7:26-7.4(g). Also, all hazardous waste facilities are required to submit the information requested in BOTH Parts I and II of the format.

==========

INSTRUCTIONS TO COMPLETE PART I

Section 1

Enter the calendar year covered by the report.

Section 2

Enter the facility's correct name as listed in the facility's New Jersey or U.S.E.P.A. Part A Application.

Section 3

Enter the facility's EPA ID Number.

Section 4

Enter the mailing address of the facility

Section 5

Enter the street address of the facility. If this is the same as in Section 4, leave this section blank.

Section 6

Enter the name and telephone number of the person who may be contacted regarding information in this report.

Section 7

Enter the most recent cost estimate for facility closure.

Section 8 (for disposal facilities only)

Enter most recent cost estimate for post-closure care and monitoring.

Section 9

The owner or operator or his authorized representative must sign and date the Certification Statement where indicated.

Section 10

The owner or operator of the facility must supply all of the applicable items listed in this section as an attachment to Part A of this report.

==========

INSTRUCTIONS TO COMPLETE PART II

PLEASE NOTE: The information required in these sections applies to both ON-SITE and OFF-SITE generated hazardous waste. Please read these instructions carefully as there are separate instructions for ON-SITE and OFF-SITE.

Section 11

Enter the facility's EPA ID Number.

Section 12

Enter the generator's name, whose waste is described under Section 15. If the waste was generated and treated, stored, or disposed at the facility referred to in Section 11, enter ON-SITE. Note: a separate sheet should be filled out for each generator.

Section 13

Enter the generator's location and street address. If the waste was generated and treated, stored, or disposed at the facility referred to in Section 11, leave this section blank.

Section 14

Enter the generator's EPA ID Number. If the waste was generated and treated, stored or disposed at the facility referred to in Section 11, leave this section blank.

Section 15

a. Enter a brief description of the waste.

b. Enter all appropriate NJDEP Hazardous Waste Numbers. If the waste is a mixture, enter all applicable numbers. Should more space be required, use the next line leaving the rest of the line blank.

c. Enter the chain of handling steps required for the waste listed in (b). If an amount of the waste listed in (b) has not undergone the full chain of handling events by the end of the reporting year, then this amount should be listed under a separate entry detailing the handling steps accomplished by the year's end. A listing of handling methods may be found in Attachment I.

d. Enter the total amount of waste you have described in (a), (b), and (c) for the year reported.

e. Enter the units for the amount of waste reported in (d). Units which must be used in the report are as follows:

UNIT OF MEASURE	CODE
Pounds	P
Short tons (2,000 lbs)	T
Kilograms	K
Tonnes (1,000 Kg)	M

Units of volume may not be used for reporting, but must be converted into one of the above units of weight, taking into account the appropriate density or specific gravity of the waste.

f. For each individual generator sheet completed (except for on-site sheets), attach a listing of all manifests received from this generator. The listing should be compiled using the manifest number.

Any comment should be made on a separate sheet referencing the line number for which the comment is directed.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE FACILITY ANNUAL REPORT - PART I

1. CALENDAR YEAR COVERED _____

2. FACILITY'S NAME _____

3. EPA ID NO. _____

4. MAILING ADDRESS _____
_____
_____

5. STREET ADDRESS OF FACILITY _____
_____
_____

6. FACILITY CONTACT _____ PHONE NUMBER _____

7. CLOSURE COST ESTIMATE $ _____

8. POST-CLOSURE COST ESTIMATE (if applicable) $ _____

9. CERTIFICATION STATEMENT

"I certify under panalty of law that I have personally examined and am familar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties under N.J.S.A. 13:1E-1 et seq. for submitting false information, including the possibility of fine and imprisonment".

Print or Type Name	Signature	Date
_____	_____	_____

10. In addition to the information required above and that required in Part II of this report, please submit the following required items: (where applicable)

A. A copy of the facility's typical waste analysis form.
B. A copy of the facility's typical daily inspection form.
C. A copy of the typical notice to a generator, required under N.J.A.C. 7:26-9.4(a)1 and a listing of all generators who received this notice (only for commercial facilities).
D. A listing of all waste shipments rejected, according to manifest number and an explanation for each rejected shipment (only for commercial facilities).
E. A listing of all manifest discrepancies and an explanation of each discrepancy (only for commercial facilities).
F. A listing of the total quantity of each waste type treated, stored, or disposed of at the facility. This listing shall include all hazardous waste accepted at the hazardous waste facility, including all on-site generated hazardous waste.
G. A listing of the total quantities of each waste type consigned to each treatment, storage, or disposal process used at the facility. This listing shall include all hazardous waste accepted at the hazardous waste facility, including all on-site generated hazardous waste.
H. A report covering all incidents that required implementing the contingency plan.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE FACILITY ANNUAL REPORT - PART II

11. FACILITY EPA ID # _____

12. GENERATOR NAME _____

13. GENERATOR ADDRESS _____

_____

_____

14. GENERATOR EPA ID # _____

==========

15. WASTE IDENTIFICATION

LINE NUMBER	a) DESCRIPTION OF WASTE	b) NJDEP HAZARDOUS WASTE NUMBER	c) HANDLING METHOD	d) AMOUNT OF WASTE	e) UNITS

Page ___ of ___

LINE NUMBER	a) DESCRIPTION OF WASTE	b) NJDEP HAZARDOUS WASTE NUMBER	c) HANDLING METHOD	d) AMOUNT OF WASTE	e) UNITS

ATTACHMENT I

HANDLING CODES FOR TREATMENT, STORAGE, AND DISPOSAL METHODS

==========

1. Storage

S01 Container (barrel, drum, etc.)
S02 Tank
S03 Waste Pile
S04 Surface Impoundment
S05 Other (specify)

2. Treatment

(a) Thermal Treatment
T06 Liquid injection incinerator
T07 Rotary kiln incinerator
T08 Fluidized bed incinerator
T09 Multiple hearth incinerator
T10 Infrared furnace incinerator
T11 Molten Salt Destructor
T12 Pyrolysis
T13 Wet air oxidation
T14 Calcination
T15 Microwave discharge
T16 Cement kiln
T17 Lime kiln
T18 Other (specify)

(b) Chemical Treatment
T19 Absorption mound
T20 Absorption field
T21 Chemical fixation
T22 Chemical oxidation
T23 Chemical precipitation
T24 Chemical reduction
T25 Chlorination
T26 Chlorinolysis
T27 Cyanide destruction
T28 Degradation
T29 Detoxification
T30 Ion exchange
T31 Neutralization
T32 Ozonation
T33 Photolysis
T34 Other (specify)

(c) Physical Treatment:
(1) Separation of components
T35 Centrifugation
T36 Clarification
T37 Coagulation
T38 Decanting
T39 Encapsulation
T40 Filtration
T41 Flocculation
T42 Flotation
T43 Foaming
T44 Sedimentation
T45 Thickening
T46 Ultrafiltration
T47 Other (specify)

(2) Removal of Specific Components
T48 Absorption-molecular sieve
T49 Activated carbon
T50 Blending
T51 Catalysis
T52 Crystallization
T53 Dialysis
T54 Distillation
T55 Electrodialysis
T56 Electrolysis
T57 Evaporation
T58 High gradient magnetic separation
T59 Leaching
T60 Liquid ion exchange
T61 Liquid-Liquid extraction
T62 Reverse osmosis
T63 Solvent Recovery
T64 Stripping
T65 Sand filter
T66 Other (specify)

(d) Biological Treatment
T67 Activated sludge
T68 Aerobic lagoon
T69 Aerobic tank
T70 Anaerobic lagoon
T71 Composting
T72 Septic tank
T73 Spray irrigation
T74 Thickening filter
T75 Tricking filter
T76 Waste stabilization pond
T77 Other (specify)

3. Disposal

D80 Underground injection
D81 Landfill
D82 Land treatment
D83 Ocean disposal
D84 Surface impoundment (to be closed as a landfill
D85 Other (specify)

FF/P-P-142B

Department of Environmental Protection
Division of Waste Management
Bureau of Hazardous Waste Classification and Manifest

NJD 000820159 — NJT —
EPA ID number (If one was issued)

E.I. du Pont deNemours & Co. 201-257-1000
Company Name Phone Number

Washington Road
Street Address

Parlin Middlesex NJ 08859
City County State Zip

Same
Mail Address Street Address (If different)

—
City County State Zip

46-27-030 074-19-040
Latitude Longitude

201-257-1000
Emergency Phone

Generator ✓ Transporter Facility
Company Type (Please check that which applied to your Company)

2851
SIC Code

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2.EPA ID NO.: N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number: (201) 257-1000
TRANSPORTER'S NAME: CHEMICAL WASTE MANAGEMENT INC — 5.EPA ID NO.: A L T 0 0 0 6 2 2 4 6 4
ADDRESS: P.O. BOX 55 EMELLE FACILITY EMELLE AL 35459 — (205) 652-9531
FACILITY'S NAME: CHEMICAL WASTE MANAGEMENT INC — 8.EPA ID NO.: A L T 0 0 0 6 2 2 4 6 4
ADDRESS: P.O. BOX 55 EMELLE FACILITY EMELLE AL 35459 — (205) 652-9531

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118730	WASTE - PAINT LIQUID NOS	FLAMMABLE	4886 LBS	1	F 0 0 5	
NJ 0118735	WASTE - PAINT LIQUID NOS	FLAMMABLE	34320 LBS	1	F 0 0 5	
NJ 0118736	WASTE - PAINT LIQUID NOS	FLAMMABLE	45000 LBS	1	F 0 0 5	
NJ 0118739	WASTE - PAINT LIQUID NOS	FLAMMABLE	45000 LBS	1	F 0 0 5	
NJ 0118740	WASTE - PAINT LIQUID NOS	FLAMMABLE	45000 LBS	1	F 0 0 5	
NJ 0118749	WASTE - PAINT LIQUID NOS	FLAMMABLE	45000 LBS	1	F 0 0 5	
NJ 0118750	WASTE - PAINT LIQUID NOS	FLAMMABLE	45000 LBS	1	F 0 0 5	
NJ 0118759	WASTE - PAINT LIQUID NOS	FLAMMABLE	30000 LBS	1	F 0 0 5	
NJ 0118760	WASTE - PAINT LIQUID NOS	FLAMMABLE	31000 LBS	1	F 0 0 5	
NJ 0118734	WASTE - PAINT LIQUID NOS	FLAMMABLE	33456 LBS	1	F 0 0 5	
NJ 0118762	WASTE - PAINT LIQUID NOS	FLAMMABLE	45000 LBS	1	F 0 0 5	
NJ 0118776	WASTE - PAINT LIQUID NOS	FLAMMABLE	39000 LBS	1	F 0 0 5	

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME E I DUPONT DE NEMOURS CO INC — 2.EPA ID NO. N J D 0 0 0 8 2 0 1 5 9

ADDRESS WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number (201) 257-1000

TRANSPORTER'S NAME KISKO TRANS CO (CONTINENTAL CARRIERS) — 5.EPA ID NO. N J D 9 9 0 7 2 0 6 5 8

ADDRESS 504 RARITAN STREET SAYREVILLE NJ 08872 — (201) 727-1188

FACILITY'S NAME SOLVENT RECOVERY SERVICE — 8.EPA ID NO. N J D 0 0 2 1 8 2 8 9 7

ADDRESS 1200 SYLVAN STREET LINDEN NJ 07036 — (201) 862-2000

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0095683	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	4000 GLS	1	F 0 0 5	
NJ 0095690	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	4200 GLS	1	F 0 0 5	
NJ 0095689	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	4850 GLS	1	F 0 0 5	
NJ 0095693	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0095696	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0095699	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118704	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118711	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5121 GLS	1	F 0 0 5	
NJ 0118715	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5121 GLS	1	F 0 0 5	
NJ 0118724	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5100 GLS	1	F 0 0 5	
NJ 0118732	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2.EPA ID NO. N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number (201) 257-1000
TRANSPORTER'S NAME: KISKO TRANS CO (CONTINENTAL CARRIERS) — 5.EPA ID NO. N J D 9 9 0 7 2 0 6 5 8
ADDRESS: 504 RARITAN STREET SAYREVILLE NJ 08872 — (201) 727-1188
FACILITY'S NAME: SOLVENT RECOVERY SERVICE — 8.EPA ID NO. N J D 0 0 2 1 8 2 8 9 7
ADDRESS: 1200 SYLVAN STREET LINDEN NJ 07036 — (201) 862-2000

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118737	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118744	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118746	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118747	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118748	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118751	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118752	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118753	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118754	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	4530 GLS	1	F 0 0 5	
NJ 0118763	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118765	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2.EPA ID NO.: N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number: (201) 257-1000
TRANSPORTER'S NAME: KISKO TRANS CO (CONTINENTAL CARRIERS) — 5.EPA ID NO.: N J D 9 9 0 7 2 0 6 5 8
ADDRESS: 504 RARITAN STREE SAYREVILLE NJ 08872 — (201) 727-1188
FACILITY'S NAME: SOLVENT RECOVERY SERVICE — 8.EPA ID NO.: N J D 0 0 2 1 8 2 8 9 7
ADDRESS: 1200 SYLVAN STREET LINDEN NJ 07036 — (201) 862-2000

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118767	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	4945 GLS	1	F 0 0 5	
NJ 0118768	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	4511 GLS	1	F 0 0 5	
NJ 0118770	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118777	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118778	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118780	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118784	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118785	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118786	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118788	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118790	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118791	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	4500 GLS	1	F 0 0 5	

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

1. GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2. EPA ID NO.: N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number: (201) 257-1000
3. TRANSPORTER'S NAME: E I DUPONT DE NEMOURS CO INC — 5. EPA ID NO.: D E D 9 8 0 5 5 1 2 1 2
ADDRESS: NEW CASTLE DELAWARE 19720 — (302) 429-2345
6. FACILITY'S NAME: ROLLINS ENVIRONMENTAL SERV (NJ) INC — 8. EPA ID NO.: N J D 0 5 3 2 8 8 2 3 9
ADDRESS: P.O. BOX 221 BRIDGEPORT NJ 08014 — (609) 467-3105

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTE
NJ 0118769	WASTE - PAINT LIQUID NOS	FLAMMABLE	32800 LBS	1	F 0 0 5	

- PLACE AN "*" UNDER THE REJECTED COLUMN FOR THOSE MANIFESTS REJECTED BY FACILITY.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2.EPA ID NO.: N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number: (201) 257-1000
TRANSPORTER'S NAME: SCA CHEMICAL SERVICE — 5.EPA ID NO.: N J D 0 8 9 2 1 6 7 9 0
ADDRESS: 100 LISTER AVENUE NEWARK NJ 07105 — (201) 465-9100
FACILITY'S NAME: SCA CHEMICAL SERVICE — 8.EPA ID NO.: S C D 0 7 0 3 7 5 9 8 5
ADDRESS: ROUTE #1 PINEWOOD SO CAROLINA 29125 — (803) 452-5003

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0095695	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	38000 LBS	3	F 0 0 5	
NJ 0118713	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118714	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118718	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118719	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118720	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118722	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	38000 LBS	3	F 0 0 5	
NJ 0118742	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	35000 LBS	3	F 0 0 5	

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME E I DUPONT DE NEMOURS CO INC 2.EPA ID NO. N J D 0 0 0 8 2 0 1 5 9

ADDRESS WASHINGTON ROAD PARLIN NJ 08859 Telephone Number (201) 257-1000

TRANSPORTER'S NAME SCA CHEMICAL SERVICE 5.EPA ID NO. N J D 0 8 9 2 1 6 7 9 0

ADDRESS 100 LISTER AVENUE NEWARK NJ 07105 (201) 465-9100

FACILITY'S NAME SCA CHEMICAL SERVICE 8.EPA ID NO. S C D 0 7 0 3 7 5 9 8 5

ADDRESS ROUTE #1 PINEWOOD SO CAROLINA 29125 (803) 452-5003

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118726	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118772	WASTE - FLAMMABLE LIQUID NOS (PAINT SLUDGE)	FLAMMABLE	36100 LBS	3	F 0 0 5	

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME E I DUPONT DE NEMOURS CO INC 2.EPA ID NO. N J D 0 0 0 8 2 0 1 5 9

ADDRESS WASHINGTON ROAD PARLIN NJ 08859 Telephone Number (201) 257-1000

TRANSPORTER'S NAME PITTSBURGH PIPE CO 5.EPA ID NO. P A D 0 5 7 1 3 4 2 7 2

ADDRESS CONCORD IND PARK CONCORDVILLE PA 19331 (215) 459-2044

FACILITY'S NAME E I DUPONT DE NEMOURS CO INC 8.EPA ID NO. N J D 0 0 2 3 8 5 7 3 0

ADDRESS CHAMBERS WORKS DEEPWATER NJ 08023 (201) 299-5000

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0095698	WASTE - WATER NOS	NON-FLAMMABLE	3000 GLS	1	F 0 0 5	
NJ 0118727	WASTE - WATER NOS	NON-FLAMMABLE	2800 GLS	1	F 0 0 5	
NJ 0118751	WASTE - WATER NOS	NON-FLAMMABLE	5000 GLS	1	F 0 0 5	
NJ 0118793	WASTE - WATER NOS	NON-FLAMMABLE	4000 GLS	1	F 0 0 5	

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

1. GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2. EPA ID NO.: N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number: (201) 257-1000
3. TRANSPORTER'S NAME: HISKO TRUCKING CO — 5. EPA ID NO.: N J D 0 6 0 7 8 4 4 9 3
ADDRESS: SECOND & ADAMS STREET SO KEARNY NJ 07032 — (201) 465-9165
4. FACILITY'S NAME: SCA CHEMICAL SERVICE — 6. EPA ID NO.: N Y D 0 4 9 8 3 6 6 7 9
ADDRESS: 1135 BALMER ROAD MODEL CITY NEW YORK — (716) 754-8231

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ. CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118710	(WASTE - INSULATION CONTAINING ASBESTOS	NON-FLAMMABLE	1700 LBS)			
	(WASTE - POLYFLUOROCARBONS	NON-FLAMMABLE	9800 LBS)	1	F 0 0 5	

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

1. GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2. EPA ID NO.: N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number: (201) 257-1000
3. TRANSPORTER'S NAME: SCA CHEMICAL SERVICE — 5. EPA ID NO.: NJ D 0 8 9 2 1 6 7 9 0
ADDRESS: 100 LISTER AVENUE NEWARK NJ 07105 — (201) 465-9100
4. FACILITY'S NAME: SCA CHEMICAL SERVICE EARTHLINE DIVISION — 6. EPA ID NO.: N J D 0 8 9 2 1 6 7 9 0
ADDRESS: 100 LISTER AVENUE NEWARK NJ 07105 — (201)465-9100

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0095687	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2600 GLS	1	F 0 0 5	
NJ 0095691	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2000 GLS	1	F 0 0 5	
NJ 0095692	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2600 GLS	1	F 0 0 5	
NJ 0095697	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2400 GLS	1	F 0 0 5	
NJ 0118701	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2000 GLS	1	F 0 0 5	
NJ 0118703	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2600 GLS	1	F 0 0 5	
NJ 0118705	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	1500 GLS	1	F 0 0 5	
NJ 0118709	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2600 GLS	1	F 0 0 5	
NJ 0118712	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	5000 GLS	1	F 0 0 5	
NJ 0118717	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2800 GLS	1	F 0 0 5	
NJ 0118723	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	3000 GLS	1	F 0 0 5	

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME E I DUPONT DE NEMOURS CO INC 2.EPA ID NO. N J D 0 0 0 8 2 0 1 5 9

ADDRESS WASHINGTON ROAD PARLIN NJ 08859 Telephone Number (201) 257-1000

TRANSPORTER'S NAME SCA CHEMICAL SERVICE 5.EPA ID NO. N J D 0 8 9 2 1 6 7 9 0

ADDRESS 100 LISTER AVENUE NEWARK NJ 07105 (201) 465-9100

FACILITY'S NAME SCA CHEMICAL SERVICE EARTHLINE DIVISION 8.EPA ID NO. N J D 0 8 9 2 1 6 7 9 0

ADDRESS 100 LISTER AVENUE NEWARK NJ 07105 (201) 465-9100

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS*	EPA WASTE TYPE	REJECTED
NJ 0118729	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	3000 GLS	1	F 0 0 5	
NJ 0118731	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	3000 GLS	1	F 0 0 5	
NJ 0118733	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2688 GLS	1	F 0 0 5	
NJ 0118738	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	1000 GLS	1	F 0 0 5	
NJ 0118743	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2500 GLS	1	F 0 0 5	
NJ 0118756	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	3000 GLS	1	F 0 0 5	
NJ 0118757	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2600 GLS	1	F 0 0 5	
NJ 0118761	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2800 GLS	1	F 0 0 5	
NJ 0118766	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2400 GLS	1	F 0 0 5	
NJ 0118773	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2800 GLS	1	F 0 0 5	
NJ 0118783	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2800 GLS	1	F 0 0 5	

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME E I DUPONT DE NEMOURS CO INC 2.EPA ID NO. N J D 0 0 0 8 2 0 1 5 9

ADDRESS WASHINGTON ROAD PARLIN NJ 08859 Telephone Number (201) 257-1000

TRANSPORTER'S NAME SCA CHEMICAL SERVICE 5.EPA ID NO. N J D 0 8 9 2 1 6 7 9 0

ADDRESS 100 LISTER AVENUE NEWARK NJ 07105 (201) 465-9100

FACILITY'S NAME SCA CHEMICAL SERVICE EARTHLINE DIVISION 8.EPA ID NO. N J D 0 8 9 2 1 6 7 9 0

ADDRESS 100 LISTER AVENUE NEWARK NJ 07105 (201) 465-9100

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118787	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2900 GLS	1	F 0 0 5	
NJ 0118792	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2400 GLS	1	F 0 0 5	
NJ 0118795	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	1800 GLS	1	F 0 0 5	
NJ 0118796	WASTE - DIETHYLENE GLYCOL	COMBUSTIBLE	2600 GLS	1	F 0 0 5	

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME E I DUPONT DE NEMOURS CO INC 2.EPA ID NO. N J D 0 0 0 8 2 0 1 5 9

ADDRESS WASHINGTON ROAD PARLIN NJ 08859 Telephone Number (201) 257-1000

TRANSPORTER'S NAME HISKO TRUCKING CO 5.EPA ID NO. N J D 0 6 0 7 8 4 4 9 3

ADDRESS 24 BUCKINGHAM PLACE PERTH AMBOY NJ 08862 (201) 826-5100

FACILITY'S NAME SCA CHEMICAL SERVICE EARTHLINE DIV 8.EPA ID NO. N J D 0 8 9 2 1 6 7 9 0

ADDRESS 100 LISTER AVENUE NEWARK NJ 07105 (201) 465-9100

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118779	WASTE - COMBUSTIBLE LIQUID NOS (ETHYLENE GLYCOL)	COMBUSTIBLE	2000 GLS	1	F 0 0 5	

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

GENERATOR'S NAME E I DUPONT DE NEMOURS CO INC 2.EPA ID NO. N J D 0 0 0 8 2 0 1 5 9

ADDRESS WASHINGTON ROAD PARLIN NJ 08859 Telephone Number (201) 257-1000

TRANSPORTER'S NAME ROSS TRANS SERVICE 5.EPA ID NO. O H D 9 8 0 6 1 4 3 7 4

ADDRESS 394 GILES ROAD GRAFTON OHIO 44044 (216) 748-2171

FACILITY'S NAME ROSS INCINERATION SERVICE INC 8.EPA ID NO. O H D 0 4 8 4 1 5 6 6 5

ADDRESS 394 GILES ROAD GRAFTON OHIO 44044 (216) 748-2171

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0095681	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0095688	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0095694	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0095700	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118702	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118716	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118721	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118725	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36200 LBS	3	F 0 0 5	
NJ 0118707	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36200 LBS	3	F 0 0 5	
NJ 0118728	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118741	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF HAZARDOUS WASTE
GENERATOR'S ANNUAL REPORT
FOR YEAR OF 1983

1. GENERATOR'S NAME: E I DUPONT DE NEMOURS CO INC — 2. EPA ID NO.: N J D 0 0 0 8 2 0 1 5 9
ADDRESS: WASHINGTON ROAD PARLIN NJ 08859 — Telephone Number: (201) 257-1000
4. TRANSPORTER'S NAME: ROSS TRANS SERVICE — 5. EPA ID NO.: O H D 9 8 0 6 1 4 3 7 4
ADDRESS: 394 GILES ROAD GRAFTON OHIO 44044 — (216) 748-2171
7. FACILITY'S NAME: ROSS INCINERATION SERVICE INC — 8. EPA ID NO.: O H D 0 4 8 4 1 5 6 6 5
ADDRESS: 394 GILES ROAD GRAFTON OHIO 44044 — (216) 748-2171

MANIFEST NO.	DESCRIPTION OF WASTE	DOT HAZ.CLASS	QUANTITY	UNITS	EPA WASTE TYPE	REJECTED
NJ 0118745	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	34200 LBS	3	F 0 0 5	
NJ 0118758	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118771	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	34200 LBS	3	F 0 0 5	
NJ 0118774	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118781	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	34200 LBS	3	F 0 0 5	
NJ 0118782	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	36000 LBS	3	F 0 0 5	
NJ 0118789	WASTE - FLAMMABLE LIQUID NOS	FLAMMABLE	30000 LBS	3	F 0 0 5	

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1986
CMA HAZARDOUS WASTE SURVEY

1986
CMA HAZARDOUS WASTE SURVEY

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CHEMICAL MANUFACTURERS ASSOCIATION

June 5, 1987

TO: Environmental Management Contacts

RE: **1986 CMA Hazardous Waste Survey**

The 1981-1982 CMA Hazardous Waste Survey provided the first comprehensive picture of the chemical industry's waste management practices. CMA has conducted the survey annually and we continue to document gains in the industry's waste management practices. We are able to document a 50% reduction in hazardous waste generated since 1981. This is a significant accomplishment in light of an overall increase in industry production over the same time frame. We are enclosing a copy of the final 1985 Hazardous Waste Survey Report for your information and use. The industry should feel proud about the significant waste management accomplishments it has made over the past five years.

The information collected as part of past CMA Hazardous Waste Survey has been an indispensable element in CMA's advocacy. The data were instrumental in CMA's successful Superfund advocacy on revising the funding mechanism. Since CMA's data form, the only data base that exists with trend analysis, the data is invaluable in advocacy before EPA on various RCRA implementing regulations. In 1988/89, RCRA is due to be reauthorized and amended. It is anticipated that we will need the type of data collected in the annual survey to advocate effectively industry positions on substantive RCRA Amendments and waste minimization provisions. We anticipate needing to provide documentation of the progress that has been made in voluntary industry waste minimization programs in order to avoid mandatory waste minimization legislation.

As with the previous surveys, the 1986 Hazardous Waste Survey was developed by the EMC's RCRA Task Group. The task group has carefully reviewed the previous survey forms and has made modifications to minimize to the maximum extent possible the data requested. The data that will be obtained from the current survey and past ones represents a solid base of information from which to compare data from subsequent years. We will continue to be able to pinpoint trends and forecast new developments. This year's survey has been amended to include a section on waste minimization in order to obtain the detailed data necessary to document the progress that has been made on waste minimization activities by CMA member companies.

Formerly Manufacturing Chemists Association—Serving the Chemical Industry Since 1872.
2501 M Street, NW • Washington, DC 20037 • Telephone 202/887-1100 • Telex 89617 (CMA WSH)

The management of CMA and its Board of Directors believe it is incumbent on CMA member companies to complete this year's survey to assure a complete and representative data base. The final analysis of the survey responses will provide CMA with the timely information necessary to participate effectively in the following activities:

(1) 1988/89 Congressional reauthorization and amendment of RCRA;

(2) EPA regulatory implementation of RCRA;

(3) feasibility analyses of new waste management programs; and

(4) enhancement of the public's perception of the industry's hazardous waste management capability.

This information continues to be the only reliable, long term data base that exists. As with the previous years' surveys, all responses will be accorded proper confidential treatment by CMA and our contractor.

In addition to the new section on waste minimization, the 1986 form has been modified to delete the underground tank section (the data response on underground tanks was excellent in the 1985 survey and does not need to be repeated), and to add three additional sections -- less than 90-day storage tanks and containers, the organic toxicity characteristic, and corrective action. The data developed in these new sections will be very timely in responding to anticipated EPA proposed regulations. Another area in which EPA is considering proposed regulations is burning for energy recovery in boilers and industrial furnaces. Questions on burning for energy recovery were deleted from the 1985 survey form, but have been reinstated in the 1986 survey form.

A copy of the completed 1985 survey form for each of your facilities is included to aid in the completion of the 1986 survey form. You should use the 1985 survey form only as a reference. If your answers for the 1986 survey differ dramatically from the previous year, our contractor has asked that you explain the difference briefly on the 1986 survey form. Please do not use the 1985 answers as-is simply to complete the 1986 survey, unless they are consistent with activities in 1986. We hope that the use of the 1985 survey will help if there has been any change in persons completing the form from last year.

You should only complete surveys for those locations designated as SIC Code 2800 series industries. We are enclosing what our records show is approximately the number of forms necessary for distribution to your facilities. If you need additional copies, please feel free to duplicate them or call us for additional copies. You should forward the surveys to each of your chemical industry plants and have these facilities return its response to you or your designee for submittal to CMA's contractor - Tischler/Kocurek.

In order to facilitate timely analysis of the data and to assure their confidentiality, please return all your completed questionnaires by August 1, 1987, to:

Dianna Kocurek
Tischler/Kocurek
116 East Main
Round Rock, Texas 78664

We have made every effort to minimize that amount of data requested in the 1986 Hazardous Waste Survey and still be able to collect the data needed to conduct an effective advocacy program. We understand the significant resources necessary to complete the survey, but encourage your facilities to complete this years' survey. We would like a 100% response in order to document the significant industry commitment to and progress made on waste management activities. We appreciate your company's efforts in responding to the survey. If you have any questions regarding the survey that are not covered in the survey instructions, please call Dianna Kocurek at Tischler/Kocurek (512/244-9058) or Janet Matey at CMA (202/887-1174).

David W. Carroll/jac

David W. Carroll, Esq.
Director, Environmental Programs

DWC/jac

Enclosures
(1) 1986 blank survey forms
(2) 1985 completed survey forms
(3) 1985 Hazardous Waste Survey Report

cc: Environmental Management Committee
RCRA Task Group

Memo for TK use in followup as necessary

CMA 1986 Hazardous Waste Survey

Telephone Memorandum

Date _____

Phone call from _____ **Phone no.** _____
Phone call to _____ **Phone no.** _____

Notes

INTRODUCTION

ASSURANCE OF CONFIDENTIALITY

Each plant will be assigned a unique code number. The code number will be written on the bottom right-hand corner of the cover page and on each page of the survey. This code system will be used by TK to assure the confidentiality of all responses. When the complete questionnaires are received, they will be coded and checked for completeness and clarity. The cover sheets will then be removed and placed in a confidential file to maintain anonymity. Thus, the survey can be processed without reference to the responding facility. Following completion of the project, CMA will instruct TK to destroy the cover sheets to preserve complete confidentiality. CMA and TK have carefully established this system for your protection in the belief that the responses to this questionnaire will be more candid and complete once the respondent has been assured of confidentiality. Please contact **Janet Matey** at **CMA** to inquire about confidentiality or intent of this project. Her telephone number is **202/887-1174**.

INTRODUCTORY NOTE

The Chemical Manufacturers Association needs accurate and complete information about generation and disposition of hazardous waste by the chemical industry. CMA needs this information for legislative and rulemaking advocacy, for evaluation of the Environmental Protection Agency's ongoing regulatory impact analyses, and for analyzing industry-wide trends. Our goal is to establish a comprehensive in-house data base by continuing this survey on an annual basis.

Obtaining consistent information from each member plant is made more difficult because of the complexity of the *definitional* sections of EPA's hazardous waste management regulations. We recognize that the diversity within the chemical industry may create uncertainty in interpretation of waste regulations on a plant-by-plant basis. This questionnaire employs the broad definition of *waste* contained in 40 CFR 261.

The **revised definition of solid waste** in January 1985 which impacted recyclable materials **will** impact this year's survey just as it did in 1985.

GENERAL INSTRUCTIONS

Please pay close attention to the instructions accompanying the questions that follow. These instructions attempt to clarify the terms used in the questions. A careful review of the definitions and notes included in the instructions is necessary if accurate, complete, and comparable data are to be obtained.

Many of the questions are interrelated; therefore, read all the questions before beginning. This will save you time by avoiding recalculation of waste quantities which may be asked for in a subsequent question.

Some questions provide an *other* category for unique situations. If you use this category, please identify what *other* represents.

You may **print** neatly all required responses, rather than type them. This will save time and effort on your part. **Ink or ball point** is recommended since pencil often does not copy well.

Responses to the questions in this booklet should correspond to **1986** calendar year records and practices, **except for Sections 7 - 9** which relate to **current practices**. Do **not include** any **inventory** (wastes left in storage at the end of a calendar year, awaiting treatment or disposal) from previous years in your responses.

Definition of a Plant

For this questionnaire, a **plant** includes **all SIC 2800 facilities** at one site, whether operated for manufacturing, waste management, research, or combinations of these purposes.

Companies may elect to have a single individual respond for all or several of their plants or have their plant managers respond separately for their respective plants. Individuals completing questionnaires for more than one plant should fill out a separate questionnaire for each plant. The combined data from several plants would provide an average value, which would not be as useful as individual data for each plant. Therefore, each CMA member company should complete a **separate questionnaire for each** of its **plants**.

Numerical Responses

This questionnaire strives for simplicity and requires primarily numerical responses in **tons**. For numerical responses, fill in the appropriate spaces on the right-hand page.

Responses call for quantities by weight in **as handled** or **as is** tons. A **ton** is defined here as **2000 pounds**. Use recorded/established figures when possible. Give approximate numbers if records are unavailable. Numerical responses should not leave any spaces to the right. Give answers to the nearest ton.

Example

RCRA hazardous waste disposal (assume quantity = 50,000 tons)

CORRECT		5	0	,	0	0	0	tons
INCORRECT	5	0	0	,	0	0		tons

Some of the responses call for **numerical codes** (SIC, state). Refer to the indicated list of codes in the instructions, and enter the appropriate code in the spaces.

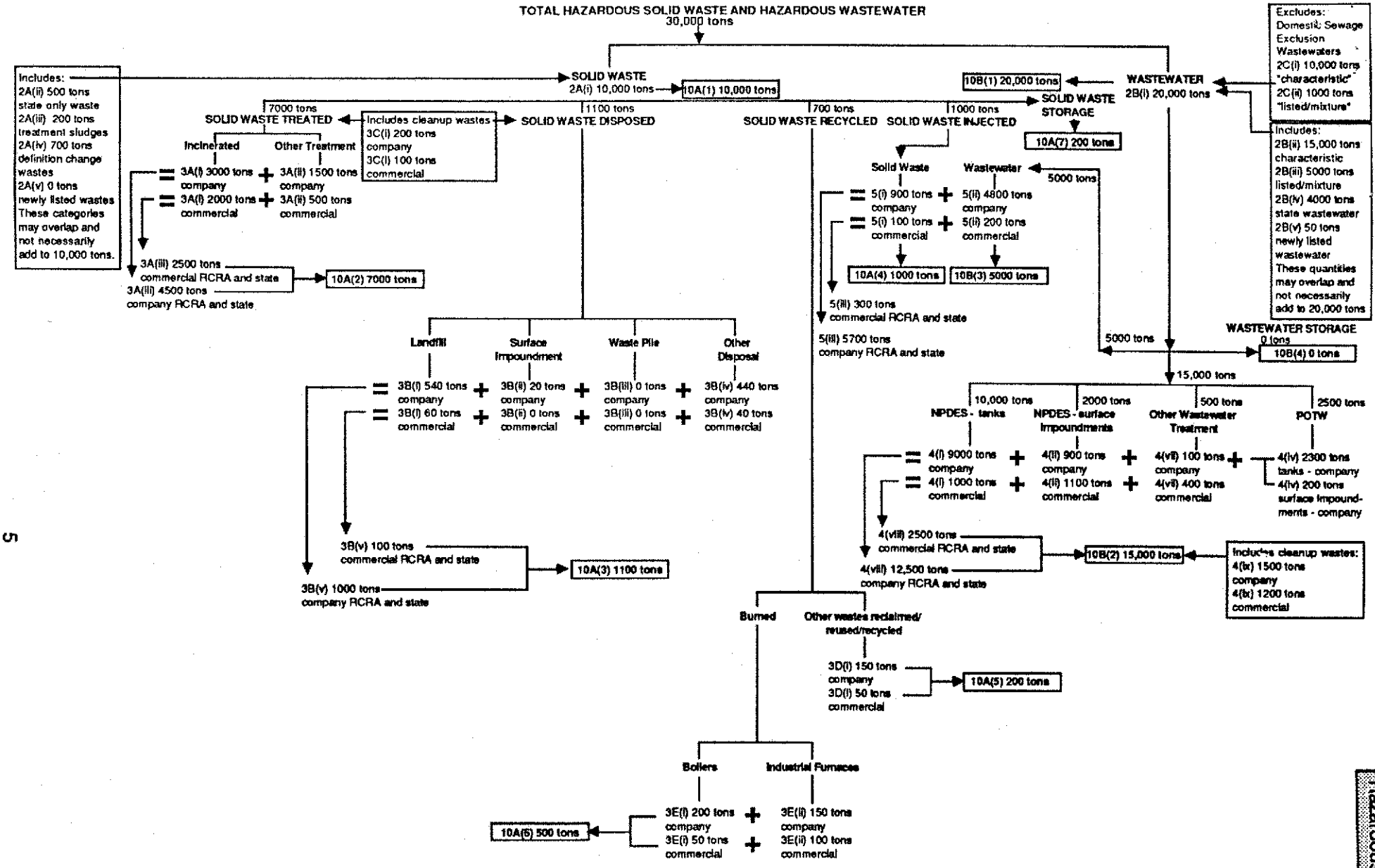
Most questions request a quantity (in tons) as your response. If the appropriate quantity for your plant is zero (0), please write a zero (0) to indicate your response. You will be contacted to clarify blank responses where ambiguous. Therefore, please be thorough in responding to each question.

Avoid Double-Counting

Wastes are categorized for the questionnaire according to the given instructions. This categorization can be confusing and lead to double-counting of waste quantities if not followed exactly.

In order to help you avoid double-counting (and having to contact you for clarification), there is a **calculation checksheet** (section 10) to check that your calculations balance for major categories (generation, treatment, disposal, recycling, underground injection, storage). Please complete the calculation checksheet to verify that your numbers balance.

On the back of this page is an **example diagram** of how hazardous waste quantities are categorized and how they should balance.



NOTE: Numbers and letters in front of wastes quantities refer to section numbers in survey.

EXAMPLE DIAGRAM OF HOW WASTES MAY BE CATEGORIZED FOR THIS SURVEY

INSTRUCTIONS

1. PLANT DESCRIPTION

A. Plant Classification

It is CMA's intent that **only 2800 Industry** plants respond to this questionnaire. A 2800 industry is defined by the Bureau of Census as any plant whose largest source of revenue is from the manufacture of SIC 2800 products. If you are not a 2800 industry plant, please notify your company coordinator.

SIC codes starting with 28 as the first two digits represent manufacturing of "Chemicals, Allied Products." Refer to the list of codes below in order to answer the question.

2812	Alkalies and Chlorine Industrial Gases	2844	Perfumes, Cosmetics, Toilet Preps.
2813	Industrial Gases	2851	Paints, Varnishes, Lacquers
2816	Inorganic Pigments	2861	Gum and Wood Chemicals
2819	Misc. Industrial Inorganic Chemicals	2865	Cyclic Crudes and Intermediates
2821	Plastics Materials, Synthetic Resins	2869	Misc. Industrial Organic Chemicals
2822	Synthetic Rubber	2873	Nitrogenous Fertilizers
2823	Cellulosic Man-Made Fibers	2874	Phosphatic Fertilizers
2824	Synthetic Organic Fibers	2875	Fertilizers, Mixing Only
2831	Biological Products	2879	Misc. Pesticides and Agric. Chems.
2833	Medicinal Chemicals, Botanical Products	2891	Adhesives and Sealants
2834	Pharmaceutical Preparations	2892	Explosives
2841	Soap and Other Detergents	2893	Printing Ink
2842	Specialty Cleaning, Polishing	2895	Carbon Black
2843	Surface Active and Finishing Agents	2899	Misc. Chemicals and Chemical Preps.

B. Plant Location

A list of codes for states is given below. Enter the appropriate code for the state in which your plant is located.

State	Code	State	Code	State	Code	State	Code	State	Code
Alabama	01	Hawaii	12	Michigan	23	North Carolina	34	Utah	45
Alaska	02	Idaho	13	Minnesota	24	North Dakota	35	Vermont	46
Arizona	03	Illinois	14	Mississippi	25	Ohio	36	Virginia	47
Arkansas	04	Indiana	15	Missouri	26	Oklahoma	37	Washington	48
California	05	Iowa	16	Montana	27	Oregon	38	West Virginia	49
Colorado	06	Kansas	17	Nebraska	28	Pennsylvania	39	Wisconsin	50
Connecticut	07	Kentucky	18	Nevada	29	Rhode Island	40	Wyoming	51
Delaware	08	Louisiana	19	New Hampshire	30	South Carolina	41	Virgin Islands	52
Wash., DC	09	Maine	20	New Jersey	31	South Dakota	42	Puerto Rico	53
Florida	10	Maryland	21	New Mexico	32	Tennessee	43		
Georgia	11	Massachusetts	22	New York	33	Texas	44		

INSTRUCTIONS

2. WASTE GENERATION DATA

A. Solid Waste - Listed, Characteristic, Mixture, and State

Do **not** include **wastewater**. For the purpose of this survey, wastewaters are defined to be wastes that are treated by an **NPDES** permitted treatment plant, **pretreated** before discharge to a Publicly-Owned Treatment Works **(POTW)**, **wastewaters** that are **disposed by underground injection**, or any other **aqueous** waste which you would classify as a wastewater.

Since there is no regulatory categorization for **underground injected** wastes as wastewaters or solid wastes, these wastes may be counted as **wastewaters or solid** wastes, whichever is the common description at your facility. If you consider an underground injected waste as a solid waste, then it should be included in this section.

Recyclable Wastes

Prior to 1985, **recyclable** wastes were exempted from full regulation at 40 **CFR** 261.6(a). However, due to the change in solid waste definition (see explanation on page 10), many of these wastes are now subject to some regulation. Review the current regulations at 40 **CFR** 261.6 and 40 **CFR** 266 to be sure that you correctly **include** these recyclable wastes which were regulated in 1986.

Listed RCRA Solid Wastes

RCRA listed solid wastes are specifically identified by Subpart D of 40 **CFR** 261: "Each hazardous waste listed in this Subpart is assigned an EPA Hazardous Waste Number which precedes the name of the waste." Any hazardous waste generated by your plant which can be defined by one of these numbers should be included in responding to this question. Also, **include** RCRA listed wastewater treatment sludges or **sludges** resulting from the treatment of RCRA listed wastes. Do **not** include the following:

- RCRA listed wastewaters
- RCRA listed wastes which are not subject to full regulations under the provisions of 40 **CFR** 261.5 (conditionally exempt small generator), or 40 **CFR** 261.6(a)(3) (selected recycled wastes)
- Delisted wastes
- Mixtures of listed hazardous wastes and other solid wastes

Characteristic RCRA Solid Wastes

RCRA hazardous characteristic wastes exhibit one or more of the characteristics identified in Subpart C of 40 **CFR** 261. **Include** RCRA hazardous **characteristic** wastewater treatment **sludges**. Do **not** include the following:

- RCRA hazardous characteristic wastewaters
- RCRA hazardous characteristic wastes which are not subject to full regulations under the provisions of 40 **CFR** 261.5, or 40 **CFR** 261.6(a)(3)
- RCRA listed wastes included above

Mixture RCRA Solid Wastes

A RCRA mixture waste is a mixture of a solid waste and one or more listed wastes. This mixture should also meet a definition of hazardous waste in 40 **CFR** Subpart A 261.3(a)(iii) and (iv). Also, **include** RCRA **mixture** wastewater treatment **sludges**. Do **not** include the following:

- RCRA mixture wastewaters
- RCRA mixture wastes which are not subject to full regulations under the provisions of 40 **CFR** 261.5, or 40 **CFR** 261.6(a)(3)
- RCRA listed or characteristic waste included above

State Solid Wastes

RCRA allows states to adopt more expansive definitions or listings of hazardous wastes than those adopted by the federal government. In responding to this question, consider **additional** materials generated by your plant which were considered to be hazardous wastes **only** by the state in which your plant is located. Remember to **include** all wastewater treatment **sludges** considered hazardous by your state. Do **not** include the following:

- Wastewaters determined hazardous by your state
- Any of the hazardous wastes reported above

INSTRUCTIONS

2. WASTE GENERATION DATA

A. Solid Waste - Listed, Characteristic, Mixture, and State

Revisions to Solid Waste Definition

On January 4, 1985, EPA changed the definition of solid waste promulgated at 40 **CFR** 261.2. The broadened definition now includes many materials which were not formerly considered as solid waste because they are recycled, reused, and/or reclaimed (including for energy recovery). As adopted or effective in your state, this change in definition may significantly increase the reported waste quantities in 1986 as compared to the preceding years before 1985. In answer to **question 2A(iv)**, please indicate the quantity of waste which is reported in this survey which is due to this definition change alone.

The quantity of waste which you report due to the definition change is the quantity that was generated after the revision became effective in your state. Do not extrapolate the actual quantity generated after the effective date to the entire calendar year of 1986 if the revision was effective for only a portion of 1986.

Newly Listed Wastes

On October 23, 1985, the hazardous waste listings for **K111, K112, K113, K114, K115, and K116** were added to 40 **CFR** 261.32, **effective April 23, 1986.** On February 13, 1986, the hazardous waste listings for **K117, K118, and K136** were added to 40 **CFR** 261.32, **effective August 13, 1986.** In answer to **question 2A(v)**, please indicate the quantity of solid hazardous waste which is reported in this survey in 2A(i) which is due to these waste additions alone. If any of the wastes listed below are considered **wastewaters** at your facility and meet the survey's definition of wastewater, **do not include** these quantities in Section 2A. The **newly listed** wastes which are **wastewaters** will be accounted for in **Section 2B.**

The quantity of solid waste which you report in Section 2A due to these changes is the quantity that was generated after the additions became effective in your state. Do not extrapolate the actual quantity generated after the effective date to the entire calendar year of 1986.

NEWLY LISTED SOLID WASTE AND WASTEWATER - EFFECTIVE IN 1986

K111 - Product washwaters from the production of dinitrotoluene via nitration of toluene.
K112 - Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene.
K113 - Condensed liquid light ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.
K114 - Vicinals from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.
K115 - Heavy ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.
K116 - Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine.
K117 - Wastewater from the reactor vent gas scrubber in the production of ethylene dibromide via bromination of ethene.
K118 - Spent adsorbent solids from purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.
K136 - Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.

INSTRUCTIONS

2. WASTE GENERATION DATA

B. Wastewater

Definition of Wastewater

For the purposes of this survey, wastewaters are **defined** to be wastes that are treated by an **NPDES** permitted treatment plant, **pretreated** before discharge to a Publicly-Owned Treatment Works (**POTW**), **wastewaters** that are **disposed by underground injection**, or any other **aqueous** waste that you consider a wastewater.

Characteristic and Listed Wastewaters

Of the total **RCRA and state** wastewater, indicate how much are **characteristic** wastewaters and how much are **listed** wastewaters (or mixtures of wastewater with listed hazardous wastewater). If a wastewater is a listed waste or a mixture of a waste with a listed waste, but also exhibits a hazardous characteristic(s), the wastewater should be counted only in the listed quantity; **do not double-count** this type of wastewater in the characteristic category. Characteristic hazardous wastes are defined in Subpart C of 40 **CFR** 261. Listed hazardous wastes are specifically identified by Subpart D of 40 **CFR** 261.

Excluded Wastes

Do **not** include in your wastewater quantities any wastes which you consider **solid** wastes that were **underground injected** since these wastes have been accounted for in Section 2A. Also, do **not** include wastewaters which are exempted from full regulations under the provisions of 40 **CFR** 261.3(a)(iv) (**mixture rule**), 261.5 (**small generator**), or those excluded by the **Domestic Sewage Exclusion** (40 **CFR** 261.4(a)(1)(ii). The Domestic Sewage Exclusion exempts only those wastewaters that are discharged directly to a POTW without any treatment or storage.

State Wastewaters

RCRA allows states to adopt more expansive definitions or listings of hazardous wastewaters than those adopted by the federal government. In responding to this question, consider **additional** materials generated by your plant which were considered to be hazardous wastewaters **only** by the **state** in which your plant is located. Be sure to include state hazardous wastewater fitting the survey definition of wastewater.

Newly Listed Wastes

On October 23, 1985, the hazardous waste listings for **K111, K112, K113, K114, K115, and K116** were added to 40 **CFR** 261.32, **effective April 23, 1986**. On February 13, 1986, the hazardous waste listings for **K117, K118, and K136** were added to 40 **CFR** 261.32, **effective August 13, 1986**. If any of these wastes **listed on page 10** of the survey are considered **wastewaters** at your facility and meet the survey's definition of wastewater, indicate this quantity in **question 2B(v)**.

The quantity of wastewater which you report in Section 2B due to these changes is the quantity that was generated after the additions became effective in your state. Do not extrapolate the actual quantity generated after the effective date to the entire calendar year of 1986.

INSTRUCTIONS

2. WASTE GENERATION DATA

C. Domestic Sewage Exclusion (40 CFR 261. 4(a)(1)(ii))

(Note: Do **not include** the Domestic Sewage Exclusion waste quantity **in Section 2B(i) - (v)**.)

On August 22, 1986, the EPA published an Advance Notice of Proposed Rulemaking (ANPR) regarding possible regulatory changes to the Domestic Sewage Exclusion (51 **Federal Register** 30166). CMA believes, that due to flaws in the EPA data base and methodologies, the Agency has seriously overestimated the quantities of hazardous constituents discharged to POTWs by the chemicals industry. CMA believes that most wastewaters discharged to POTWs under the Domestic Sewage Exclusion would be hazardous based on characteristic rather than listed wastes. Characteristic wastes can be treated to a nonhazardous state and controlled by the general and specific prohibited discharge standards (40 **CFR** 403.5(a) and 403.5(b)). The information you provide here will augment EPA's data base and support CMA's position that the Domestic Sewage Exclusion should be retained.

INSTRUCTIONS

3. HAZARDOUS SOLID WASTE - TREATMENT AND DISPOSAL

Indicate the primary SIC code(s) for the processes generating hazardous solid waste which were treated. Space for up to three SIC codes is provided; you may list more as necessary.

A. Treatment - Hazardous Solid Waste

Your response should be divided according to the method and location categories provided. If, for example, your facility did not incinerate hazardous waste on-site, place a zero (0) in the far right space for that category. Please note the following points when responding to this question:

Wastewater Excluded

Wastewater quantities should **not** be **included** in response to this question. These wastes will be accounted for in Sections 4 and 5.

Underground Injection Excluded

Underground injection wastes are those injected through a bored, drilled, or driven well; or through a dug well, where the depth of the dug well is greater than the largest surface dimension. Underground injection quantities should **not** be **included** in response to this question; these wastes will be accounted for in Section 5.

Subsurface Injection Excluded

Subsurface injection wastes are those injected below the surface of the ground and which do not meet the definition of underground injection wastes (for example, landfarming wastes). Subsurface injection wastes should **not** be **included** in this section as treated wastes; they are accounted for in Section 3B under waste disposal.

Incineration and Treatment Residues Excluded

Any hazardous residue from incineration or other treatment which was separately disposed of should **not** be **included** in your response to avoid double-counting. For example, if an incineration residue was still considered hazardous and was landfilled, that landfilled quantity is not included in Section 3A, but rather in Section 3B.

Recyclable Wastes Burned in Boilers and Industrial Furnaces

Do **not include** any recyclable wastes which were legitimately **burned in boilers** or **industrial furnaces** (wastes which had a heating value **greater than 5000 Btus per pound**); these wastes are accounted for in Section 3E. If the waste was burned in a boiler, but had a heating value **less than 5000 Btus** per pound, **include** the waste **under incineration** in Section 3A.

Other Recyclable Wastes Excluded

Do **not include** any other recycled/reused/reclaimed wastes which were handled as **recyclable materials** at 40 **CFR** 261.6 or 40 **CFR** 266; these wastes are accounted for in Section 3D. Please note that this **separation of all recyclable materials from section 3A** is a change from the 1985 survey.

Fuel Blenders Included - Less Than 5000 Btus per Pound

If a waste with a heating value **less than 5000 Btus** per pound was sold to a commercial facility for burning, it should be listed under the **incineration** category of this section.

Treatment to Nonhazardous Level

Wastes which received treatment should be considered **only if such treatment rendered the waste nonhazardous**. Do **not include** waste quantities which were treated and rendered **less hazardous**; such wastes were still subject to full regulation and should be reported in Section 3B or Section 5. For the purposes of this survey, **incineration** is considered a **treatment** method, rather than a disposal method.

INSTRUCTIONS

3. HAZARDOUS SOLID WASTE - TREATMENT AND DISPOSAL

Indicate the primary SIC code(s) for the processes generating hazardous solid waste requiring disposal. Space for up to three SIC codes is provided; you may list more as necessary.

B. Disposal - Hazardous Solid Waste

Your response should be divided according to the method and location categories provided. If, for example, your facility did not landfill hazardous waste on-site, place a zero (0) in the far right space for that category. Please note the following points when responding to this question:

Wastewater Excluded

Wastewater quantities should **not** be **included** in response to this question. These wastes will be accounted for in Section 4 and Section 5.

Underground Injection Excluded

Underground injection wastes are those injected through a bored, drilled, or driven well; or through a dug well, where the depth of the dug well is greater than the largest surface dimension. Underground injection quantities should **not** be **included** in response to this question; these wastes will be accounted for in Section 5.

Subsurface Injection Included

Subsurface injection wastes are those injected below the surface of the ground and which do not meet the definition of underground injection wastes (for example, landfarming wastes). These wastes should be **included** in this section.

Surface Impoundments

Whether materials were being treated, stored, or disposed of in a surface impoundment may involve close questions of judgment. Please try to avoid double-counting. **Generally**, materials were disposed of in an impoundment **if** the owner or operator intended that the **materials were to remain there upon closure**.

Waste Piles

As with surface impoundments that may have been used either for storage or disposal, judgment must be exercised regarding materials placed on waste piles. Please try to avoid double-counting.

Hazardous Incineration and Treatment Residues Included

Any **hazardous residue** from incineration or other treatment which was disposed should be **included** in Section 3B (if these residues remained hazardous after treatment, they should not have been counted in Section 3A). For example, if an incineration residue was still considered hazardous and was landfilled, that landfilled quantity is not included in Section 3A, but rather in Section 3B.

Recyclable Wastes Burned in Boilers and Industrial Furnaces

Do **not include** any recyclable wastes which were legitimately **burned in boilers** or **industrial furnaces** (wastes which had a heating value **greater than 5000 Btus per pound**); these wastes are accounted for in Section 3E.

Other Recyclable Wastes Excluded

Do **not include** any other recycled/reused/reclaimed wastes which were handled as **recyclable materials** at 40 **CFR** 261.6 or 40 **CFR** 266; these wastes are accounted for in Section 3D.

INSTRUCTIONS

3. HAZARDOUS SOLID WASTE - TREATMENT AND DISPOSAL

C. Site Cleanup - Hazardous Solid Waste

In this section, please indicate any wastes **previously reported** in Sections 3A or 3B which were the result of RCRA, CERCLA, or other remedial action.

D. Reclaimed/Reused/Recyclable Materials - Hazardous Solid Waste

Excluding Wastes Burned in Boilers and IndustrialFurnaces

Prior to 1985, **recyclable** wastes were exempted from full regulation at 40 **CFR** 261.6(a). However, due to the change in solid waste definition (see explanation on page 10), many of these wastes are now subject to some regulation. Review the current regulations at 40 **CFR** 261.6 and 40 **CFR** 266 to be sure that you correctly include these recyclable waste which were regulated in 1986.

Indicate the quantity of waste reported in Section 2A(i) which was handled as a recyclable waste at 40 **CFR** 261.6 and 40 **CFR** 266, **excluding** any waste that was **burned in a boiler or industrial furnace** (wastes with greater than 5000 Btu/lb heating value that were burned are accounted for in Section 3E).

INSTRUCTIONS

3. HAZARDOUS SOLID WASTE - TREATMENT AND DISPOSAL

E. Hazardous Waste Burned in Boilers and Industrial Furnaces

In the 1984 CMA Hazardous Waste Survey, survey respondents were asked the amount of hazardous waste burned in boilers which was exempt from the general facilities standards because it was burned for energy recovery. This question was deleted from the 1985 CMA Hazardous Waste Survey. On May 6, 1987, however, EPA **proposed** extensive **regulations** for the burning of hazardous waste in boilers and industrial furnaces (52 **FR** 16982). The proposed regulations would: (1) control emissions of toxic organic compounds, toxic metals, and hydrogen chloride; (2) subject owners and operators to general facility standards; and (3) subject hazardous waste fuel storage units at burner facilities to 40 **CFR** 264 permit standards.

In this 1986 survey, CMA is attempting to compile **data** which will be **helpful to CMA's advocacy on EPA's proposal**. The questions in this section are designed to parallel the proposed regulation. Although the results will not be available at the close of the comment period for the proposal (July 6, 1987), CMA plans to submit supplemental comments to EPA based on the results of these questions.

Quantities Burned in Boilers and Industrial Furnaces

In March 1983, EPA developed a *sham* recycling enforcement policy that considered the burning of low heating value hazardous waste (<5000 - 8000 Btu/lb) in a boiler or industrial furnace as incineration and subject to regulations under the incinerator standards of Subpart O of Parts 264 or 265 (see 40 **CFR** 260.10 for the defintion of *boiler* and *industrial furnace*). In this questionnaire, as in past surveys, burning of any waste with **less than 5000 Btu/lb** heating value was counted as **incineration in Section 3A**. EPA's proposed regulations would apply to burning in boilers or industrial furnaces irrespective of the heating value, however, to be consistent with applicable regulations in 1986 and past surveys, only include waste quantities in Sections 3E(i) and (ii) if the heating value was greater than 5000 Btu/lb.

Proposed Exemption of Small Quantity (*de minimis*) On-Site Burners (52 FR 17034)

The questions in Section 3E(iii) are designed to assess the number of units impacted by EPA's proposal and the number of boilers that may qualify for the *de minimis* exemption. Under the column, ***Total Burning Hazardous Waste***, for both boilers and industrial furnaces, indicate the total number of boilers and industrial furnaces, respectively, that burn hazardous waste on-site in each size category (million Btu/hr). Under the column, ***Total Meeting Hazardous Waste Limit***, for boilers, indicate the number of boilers in each size category that meet all of these requirements: (1) burn less than the proposed hazardous waste limit (gallons/month) shown under the column, *Hazardous Waste Limit*; (2) the hazardous waste is less than 1 percent of the total volume of fuel burned; and (3) do not burn any wastes containing or derived from these listed wastes - F020, F021, F022, F023, F026, or F027.

Proposed Waiver of Trial Burn - (52 FR 17036)

The requirements in Section 3E(iv) - (viii) are designed to assess the number of boilers and industrial furnaces burning hazardous waste that may qualify for a waiver from a trial burn. In 3E(iv) - (viii), indicate the number of boilers and industrial furnaces, respectively, that satisfy each requirement. In 3E(ix), indicate the number of boilers and industrial furnaces that satisfy **all** requirements of 3E(iv) - (viii). In 3E(x) - (xii), indicate the number of boilers and industrial furnaces that meet the given operating conditions. In 3E(xiii), indicate the number of boilers and industrial furnaces for which an approved trial burn has been conducted.

INSTRUCTIONS

4. HAZARDOUS WASTEWATER - TREATMENT

For the purpose of this survey, **wastewaters** are all wastes treated by an **NPDES** permitted treatment plant, **pretreated** before discharge to a Publicly Owned Treatment Works (**POTW**), wastewaters which are underground injected, and any other **aqueous** waste which you consider a wastewater. A POTW is any device or system used in the treatment of municipal sewage or industrial waste of a liquid nature which is owned by a *State* or *municipality*.

In this section, do **not** include hazardous wastewaters which were **underground injected**; these wastewaters are accounted for in Section 5. Do **not** include wastewaters which were discharged directly to a POTW without treatment; these wastewaters were not hazardous wastes under the **Domestic Sewage Exclusion**. In this section, you are asked only for wastewater quantities which were treated by an NPDES facility, pretreated prior to discharge to a POTW, or any other aqueous waste which was not underground injected or discharged directly to a POTW.

Please note that any **residue** from treatment or pretreatment of wastewater which was separately disposed of should **not** be **included** in your response to this question to avoid double-counting. These residues are counted as solid hazardous waste in Sections 2 and 3.

Indicate the primary SIC code(s) for the processes generating hazardous wastewater requiring treatment. Space for up to 3 SIC codes is provided; you may list more as necessary.

Your response should be divided according to the method and location categories provided. If, for example, your facility did not treat hazardous wastewater entirely in tanks at an on-site facility, place a zero (0) in the far right-hand space for that category.

Under **site cleanup**, indicate the quantity of the total RCRA and state hazardous wastewater that was the result of RCRA, CERCLA, or other remedial action. The quantity of site cleanup wastewater should also be included in the quantities reported under NPDES, POTW pretreatment, or other treatment facilities.

NOTE: Do NOT INCLUDE wastewaters which are UNDERGROUND INJECTED or RESIDUES from treatment or pretreatment of wastewater. Do NOT INCLUDE wastewaters that are discharged directly to a POTW without treatment; these wastewaters are not hazardous wastes under the DOMESTIC SEWAGE EXCLUSION.

INSTRUCTIONS

5. UNDERGROUND INJECTION

Underground injection of hazardous wastes means the injection of wastes through a bored, drilled, or driven well; or through a dug well, where the depth of the dug well is greater than the largest surface dimension. In this section, **include** both **solid** waste and **wastewater** quantities in your response. There is no regulatory requirement that wastes which are underground injected be classified only as wastewaters or only as solid wastes. Therefore, quantify the underground injected wastes generated at your facility using the description common at your facility (i.e., solid waste or wastewater).

Indicate the primary SIC code(s) for the processes generating hazardous wastes which required underground injection. Space for up to 3 SIC codes is provided; you may list more as necessary.

Your response should be divided according to the categories provided. If, for example, your facility did not underground inject state hazardous waste on-site, place a zero (0) in the right-hand space for that category. Please double-check to see that the solid waste and wastewater underground injected quantities equal the quantity of RCRA and state hazardous waste combined which are reported in this section.

NOTE: INCLUDE both SOLID and WASTEWATER quantities in this section.

INSTRUCTIONS

6. WASTE MINIMIZATION

In 1984, with the reauthorization of RCRA, requirements to document waste minimization practices were included for the first time. Industry may need to provide solid evidence of progress in waste minimization to avoid mandatory waste minimization legislation in 1989. The data obtained from this survey represent a solid base of information from which to compare data from subsequent years, allowing CMA to pinpoint trends and forecast new developments.

Comparison of 1986 hazardous waste generation, treatment, and disposal given in Sections 2 through 5 (normalized to a production basis) with previous survey years provides an overall view of hazardous waste minimization. However, comparison on this basis can give an incomplete picture of waste minimization efforts. For example, a significant decrease in waste generation from one process can be obscured by an increase in another process or the addition of newly defined hazardous wastes (such as when EPA broadened the definition of solid waste in 1985).

This section of the survey is designed to supplement the data in Sections 2 through 5. It asks for information on general waste minimization practices, quantities of waste reduced, and waste reduction methods. Waste reduction information is requested on a project basis to overcome the obscuring effect of looking only at overall facility generation, treatment, and disposal.

A. Management Practices for Hazardous Waste Minimization

Generators are required to certify on their hazardous waste manifests that they have in place a program to reduce the volume or quantity and toxicity of hazardous waste to the degree determined by the generator to be economically practicable. The same certification is required in relation to any new permit issued for treatment, storage, or disposal of hazardous waste. Questions 1 - 13 are specific to the required hazardous waste minimization program, and management practices which may be part of the program.

INSTRUCTIONS

6. WASTE MINIMIZATION

B. Production Basis

Production data can be used to normalize hazardous waste quantities in different production years so that waste minimization progress can be determined on some equivalent basis. For example, a process manufactured 200 million tons of product in 1985 and generated 20 tons of hazardous waste. The same process in 1986 produced 350 tons of product and 25 tons of hazardous waste. On a unit of waste per unit of product generated, waste generation was reduced from 0.1 tons waste/ton product in 1985 to 0.071 tons waste/ton product in 1986.

CMA recognizes the **confidentiality** of production information, and for this reason, is requesting the data on a normalized basis that will **not require actual production numbers**. The **base year** is chosen as **1985** and you are to assign your 1985 production levels a value of 1.0 (with the one exception, Case 3, shown in the examples below). The production level for 1986 should then be given as the ratio of 1986 levels to 1985. 1985 will be the base year for all waste minimization survey information in the future. You should keep records of your production calculations for 1985 to aid you in completing these surveys because future changes in processes and waste generation may require modification of your base year calculations for 1985.

The only processes that should be included in your calculation of normalized production levels for 1985 and 1986 are those that have **generated hazardous wastes**. Because your facility may have had changes in processes and waste generation from 1985 to 1986, the examples given below are to help you calculate the production bases for different situations you may have encountered.

EXAMPLE CASES FOR NORMALIZED PRODUCTION CALCULATIONS

Case 1: Three processes generated hazardous waste in 1985. The same three processes are run at the facility in 1986. There are no additional processes in 1986 that generate hazardous waste.

1985 production = 2 + 3 + 6 = 11 million tons — **1985** hazardous waste = 1 + 3 + 4 = 8 tons
1986 production = 3 + 1 + 8 = 12 million tons — **1986** hazardous waste = 1 + 0 + 5 = 6 tons
Production basis for 1985 = 1.0; 1986 = 12/11 = 1.09

Note: Even though one of the processes generating hazardous waste in 1985, did not generate any hazardous waste in 1986, its production is still included in the 1986 quantity.

Case 2: Three processes generated hazardous waste in 1985. Only two of the three processes are run at the facility in 1986. There are no additional processes in 1986 that generate hazardous waste.

1985 production = 2 + 3 + 6 = 11 million tons — **1985** hazardous waste = 1 + 3 + 4 = 8 tons
1986 production = 3 + 1 = 4 million tons — **1986** hazardous waste = 1 + 3 = 4 tons
Production basis for 1985 = 1.0; 1986 = 4/11 = 0.36

Case 3: There are no processes generating hazardous waste in 1985. A new process is added in 1986 that generates hazardous waste.

1985 production = 0 million tons — **1985** hazardous waste = 0 tons
1986 production = 3 million tons — **1986** hazardous waste = 1 ton
Production basis for 1985 is **not applicable**; base year is 1986 = 1.0.

Case 4: Only one process generates hazardous waste in 1985. The process is dropped in 1986 and no other hazardous waste is generated at the facility.

1985 production = 2 million tons — **1985** hazardous waste = 1 ton
1986 production = 0 million tons — **1986** hazardous waste = 0 tons
Production basis for 1985 = 1.0 ; 1986 = 0/1 = 0.

Case 5: Three processes generated hazardous waste in 1985. The same three processes and one new process are run at the facility in 1986. All processes generate hazardous waste in 1986.

1985 production = 2 + 3 + 6 = 11 million tons — **1985** hazardous waste = 1 + 3 + 4 = 8 tons
1986 production = 3 + 1 + 8 + 4 = 16 million tons — **1986** hazardous waste = 1 + 1 + 5 + 2 = 9 tons
Production basis for 1985 = 1.0; 1986 = 16/11 = 1.45

Case 6: Two of three processes generated hazardous waste in 1985. The same three processes are run at the facility in 1986 and all processes generate hazardous waste in 1986.

1985 production = 2 + 3 + 6 = 11 million tons — **1985** hazardous waste = 1 + 3 + 0 = 4 tons
1986 production = 3 + 1 + 8 = 12 million tons — **1986** hazardous waste = 1 + 1 + 5 = 7 tons
Production basis for 1985 = 1.0; 1986 = 12/11 = 1.09

Note: The one process that generated hazardous waste only in 1986 is still included in the 1985 production quantity.

INSTRUCTIONS

6. WASTE MINIMIZATION

C. Waste Reduction Projects

Although waste reduction includes both reduction in volume and toxicity, this section only addresses **reduction in volume** since evaluation techniques of toxicity reduction are complex and toxicity reduction cannot be quantified in a straightforward manner. **Reduction through treatment** (other than recycling/reuse/reclamation and burning in boilers or industrial furnaces) are also **not included in this section** since they are summarized in Section 3A.

In the following paragraphs, instructions are given for completion of each section of the waste reduction table.

Types of Wastes Reduced

Wastes are to be reported in four separate categories. There are two major types of wastes - **solid wastes** and **wastewaters**; these are subdivided into **characteristic** and **listed** wastes. For the purposes of this report, a hazardous wastewater is defined as waste which is treated by an NPDES permitted treatment plant, pretreated before discharge to a Publicly-Owned Treatment Works (POTW), wastewaters which are disposed of by underground injection, and any other aqueous waste which you consider a wastewater. In the case of underground injection, you should make your own judgement as to whether or not a hazardous waste is more properly reported as a solid waste or wastewater. Do **not include** any wastewater which was discharged directly to a POTW without treatment since these **wastewaters** are **excluded** from hazardous waste regulations **by the Domestic Sewage Exclusion.**

List those wastes generated in 1986 that were effectively reduced by minimization project(s) started any time after the beginning of 1981. Do not include hazardous wastes from remedial actions such as cleanup of contaminated soils from spills/leaks or recovered groundwater.

Quantity of Waste Reduced

Report the quantity of waste reduced in **as-is tons** for each of the hazardous waste types identified in the table. The quantity reduced is the 1986 generation in tons per year minus the tons per year prior to initiation or implementation of the waste reduction project.

For example, if the plant generated 100 tons of methylene chloride still bottoms in 1983 and 50 tons in 1986, and the plant achieved this reduction by installing a new, more efficient distillation system, then the waste reduction quantity would be 50 tons per year.

Or if a tire plant used organic solvents to provide the "tack" to make the green tire components adhere to each other and generated 175 tons of solvent waste in 1981, and then modified the process to provide the necessary adherent properties in the rubber itself and thus generated zero solvent wastes in 1986, then the waste reduction quantity would be 175 tons per year.

Primary Waste Reduction Code

Only the primary method of waste reduction is requested. If you feel that several of the methods you used in a particular waste reduction project were equally effective, then split the waste reduction equally and report each portion under a separate method. For example, product substitution and equipment modification were equally effective in achieving a waste reduction of 100 tons per year. Enter 50 tons reduced primarily by product substitution and 50 tons by equipment modification in the table on two separate lines.

If the waste minimization technique used is none of those listed, please describe and enter the letter "j" in the waste reduction code space for each specific waste to which the method or methods are applied.

Project Initiation/Completion

Since the hazardous waste regulations mainly began to impact facilities in November 1980, the year of waste reduction project **initiation** is **limited to the beginning of 1981.** Project completion can be any year after 1981 (and beyond 1986). However, your answers for tons reduced must reflect what has been **achieved by 1986,** which will represent less than 100 percent of the waste reduction goal in a waste reduction project scheduled for completion after 1986.

INSTRUCTIONS

7. 90 - DAY ACCUMULATION EXEMPTION - TANKS AND CONTAINERS

On July 14, 1986 (51 **Federal Register** 25487), EPA published an Advance Notice of Proposed Rulemaking (ANPRM) on the 90-day accumulation exemption for on-site tanks and containers. Current regulations allow generators to accumulate hazardous waste on-site in tanks or containers for up to 90 days without obtaining a permit or meeting financial responsibility requirements. As stated in the ANPRM, EPA is now reconsidering this exemption for accumulation in tanks, and possibly containers. EPA also requested data for on-site tanks and containers to aid in the Agency's consideration of options to the exemption (including retaining the exemption as it now exists).

The data requested in this section should reflect **current conditions** at your facility, **not** for the **1986** calendar year (however, they may be the same or only slightly changed from 1986).

Permit Status

Unless a generator has a permit (operating, post-closure) issued after enactment of the 1984 amendments to RCRA (November 8, 1984) or interim status for other TSD units, the generator is not subject to corrective action requirements of RCRA section 3004(u) or 3008(h) with respect to any waste releases from tanks or containers that are used for less than 90-day accumulation. Since EPA believes that the potential for release resulting from these accumulation facilities is probably the same for permitted storage facilities due to the high throughput of wastes, EPA is concerned that the risk of waste releases may not be properly addressed under the current regulatory scheme for permit-exempted tanks and containers. To define the extent of such *non-regulated* facilities, EPA has requested data on the permit status of generators with less than 90-day accumulation tanks and containers.

In answering this question, **five possible permit conditions** are considered: **(1)** having any permit issued after November 8, 1984; **(2)** having all current permits issued before November 8, 1984; **(3)** having interim status; **(4)** having a permit or interim status only for storage units (greater than 90 days), and; **(5)** not having interim status or any permit. Indicate all conditions that are applicable, however, please note that some conditions cannot exist at the same time. For example, you cannot have any permit issued after November 8, 1984 and still have all current permits issued before that date. You can have, however, all current permits issued before November 8, 1984 and have only storage permits.

Less Than 90-Day Accumulation Tanks

Information should be given on the total number of less than 90-day accumulation tanks and the total volume they represent. The total number of tanks should then be broken down into the given size ranges.

Less Than 90-Day Accumulation Containers

Information should be given on the total number of less than 90-day accumulation containers, the average volume these containers (combined) typically accumulate in 90 days before they are shipped off-site for treatment or disposal, and the number of container accumulation areas.

Satellite Accumulation

EPA is also interested in the risk of potential waste releases from satellite accumulation areas. Currently, a generator may accumulate, without a permit or interim status, **up to 55 gallons** of hazardous waste (**or one quart of acutely** hazardous waste) in containers **at satellite areas** where wastes are initially generated, prior to being removed to a central accumulation or storage area. Waste may be accumulated up to these limits for an **indefinite period of time** at these initial (satellite) accumulation areas. Indicate the total number of satellite areas at your facility and those only for 1-quart acutely hazardous wastes.

INSTRUCTIONS

8. OTC - ORGANIC TOXICITY CHARACTERISTIC

EPA proposed to expand the toxicity characteristic it uses for identifying hazardous wastes that are subject to the regulatory requirements of Subtitle C of RCRA (51 **Federal Register** 21648). The proposal would add thirty-eight new organic constituents and assign a regulatory concentration level to each constituent so that if **a wastewater or an extract of a solid waste** contains any of the constituents above the regulatory concentration level, it would be a RCRA hazardous waste. The proposed **OTC concentrations** are provided in the **table at the bottom of the page.**

CMA believes that EPA's Regulatory Impact Analysis (RIA) of the proposed OTC is incorrect and grossly underestimates the economic impacts of the expanded list of hazardous wastes. EPA has underestimated the number of impacted plants because the Agency has not included the number of additional regulated units at plants which already have other regulated units. EPA made a single conceptual oversight - while the toxicity characteristic clearly applies to aqueous liquids (wastewaters) as well as traditional solid wastes, the RIA bases its identification of impacted facilities and costs of compliance with the proposed regulations strictly on wastes which are landfilled or incinerated. CMA is requesting data through this survey to **assess the impact of the proposed OTC on the chemical industry** since the collection of CMA member companies that responds to the survey is a good, representative sample of the entire industry.

Current Conditions

Evaluate the impact of the proposed OTC based on current conditions, not the 1986 calendar year.

Point of Application of the OTC Concentration Level

Identification of process wastewaters as hazardous wastes impacted by the proposed OTC is highly dependent upon the location within the wastewater treatment system at which the toxicity characteristic is applied. EPA regulations at 40 **CFR** 261 and the proposed OTC do not identify the point in a treatment system at which a waste should be tested to identify it as hazardous by the toxicity characteristic. Historically, however, EPA and state permitting and enforcement staffs, have required such testing at the influent to treatment units, including both tanks and surface impoundments. Although CMA does not agree with this approach, in order to be **conservative** should EPA continue with its approach, you should evaluate your management units on the basis of their **influent concentrations.**

Newly Impacted Waste Management Units

Consider only those units which would be newly impacted by the proposed OTC. Exclude those facilities which currently handle hazardous wastes.

Treatment/Disposal

Since wastes which are not currently defined as hazardous, but would be under the proposed OTC, are not likely handled by hazardous waste facilities, you will have to project (anticipate) where you would treat/dispose of the waste should it be defined as hazardous.

Basis of Impact Evaluation

Indicate whether your impact analysis is based on actual waste analyses or knowledge of the process.

Proposed Organic Toxicity Characteristic Concentrations, mg/L (51 Federal Register 21685)

acrylonitrile..... 5.0	1,1-dichloroethylene.....0.1	phenol..... 23.0**
benzene..... 0.07	2,4-dinitrotoluene..... 0.13	pyridine..... 5.0
bis(2-chloroethyl)ether..... 0.05	endrin.....0.003	1,1,1,2-tetrachloroethane..... 10.0
carbon disulfide.....14.4	heptachlor..... 0.001	1,1,2,2-tetrachloroethane..... 1.3
carbon tetrachloride.....0.07	hexachlorobenzene..... 0.13	tetrachloroethylene.....0.1
chlordane.....0.03	hexachlorobutadiene..... 0.72	2,3,4,6-tetrachlorophenol.....1.5
chlorobenzene..... 1.4	hexachloroethane..... 4.3	toluene..... 14.4
chloroform..... 0.07	isobutanol..... 36.0	toxaphene..... 0.07
o-cresol*.....10.0	lindane..... 0.06	1,1,1-trichloroethane..... 30.0
m-cresol*.....10.0	methoxychlor..... 1.4	1,1,2-trichloroethane.....1.2
p-cresol*..... 10.0	methylene chloride..... 8.6	trichloroethylene..... 0.07
2,4-D..... 1.4	methyl ethyl ketone..... 7.2	2,4,5-trichlorophenol..... 5.8
1,2-dichlorobenzene..... 4.3	nitrobenzene..... 0.13	2,4,6-trichlorophenol..... 0.3
1,4-dichlorobenzene.....10.8	pentachlorophenol.....3.6	2,4,5-TP (silvex).....0.14
1,2-dichloroethane..... 0.4		vinyl chloride.....0.05

*o-,m-, and p-cresol concentrations are added together and compared to a threshold of 10.0 mg/L.

**EPA's number in proposed table (14.4 mg/L) was a calculation error. 23 mg/L is correct.

INSTRUCTIONS

9. CORRECTIVE ACTION

The Hazardous and Solid Waste Amendments of 1984 greatly expanded authorities under RCRA for requiring corrective action for releases of hazardous waste and constituents at facilities that manage hazardous wastes. A generator that has interim status or has been issued a permit after enactment of the 1984 amendments (November 8, 1984) is subject to corrective action requirements of RCRA section 3004(u) or 3008(h). Conversely, if a generator has a permit issued prior to November 8, 1984 (which has not been re-opened after that date) or is a *generator only*, the generator is not subject to corrective action requirements.

EPA has proposed, or is considering proposing, regulations that may bring such *exempted* generators into the permitting system and therefore, subject to corrective action requirements. Examples of such proposals or Agency considerations are the Organic Toxicity Characteristic (OTC) (Section 8 of the survey) and the exemption for less than 90-day accumulation tanks and containers (Section 7 of the survey). For this reason, CMA is requesting **information** in this section from **all generators**, even those that are currently not subject to corrective action requirements.

Concurrent with this survey effort, CMA is conducting a major study to demonstrate to EPA and Congress that the corrective action program, if strictly and broadly implemented, will affect many solid waste management units at terrific costs to the chemical industry. The study will attempt to develop cost estimates of various cleanup remedies at various types of sites and to apply these estimates to the aggregate number of waste management units of CMA members that are likely to be subject to corrective action. CMA will argue from this that EPA should develop a reasonable, flexible program that does not require cleanup at every site by incineration of all contaminated materials. Therefore, **your response to this question is essential to show the very large economic impact** of the corrective action program.

To protect the **confidentiality of the information** you supply us, all data will remain coded and data for all the survey respondents will be aggregated so that corrective action problems at individual facilities cannot be identified. Your response will not be exchanged or reviewed by other CMA member company personnel. If you have any other concerns about confidentiality, please call **Ken Kastner**, CMA's assistant **general counsel**, at **202/887-1160**.

<u>All Survey Participants Requested to Answers these Questions</u>

Even if your facility is not subject to corrective action requirements or it has *generator only* status or has had all its hazardous waste permits issued prior to November 8, 1984, please complete this survey section for **non-regulated** units (non-regulated under RCRA). Also, if all your permits have been issued before November 8, 1984, complete both sections for **regulated** (under RCRA) and **non-regulated** units as applicable. Generators who are currently subject to corrective action requirements should complete each section as applicable. Evaluate the need for corrective/remedial action as internal assessment or agency identification.

<u>Number of Units</u>

You should indicate the total number of units as well as the number requiring corrective action for both regulated and unregulated waste management units. Both the total number and corrective action numbers should include active as well as inactive (or closed) units.

<u>Permit Status - Regulated Units</u>

For all units regulated under the hazardous waste regulations, indicate the number of units requiring corrective action in the permitted (before and after November 8, 1984) and interim status categories.

<u>Surface Area/Affected Area</u>

For landfills, surface impoundments, land treatment units, and waste piles, report the surface area in acres of all active and inactive units. For all other types of units, report the land area in acres that would be subject to corrective action.

INSTRUCTIONS

10. OVERALL CHECKSHEET

The purpose of this checksheet is to verify that the sum of all waste quantities balance correctly. The check is made for both hazardous solid wastes and hazardous wastewaters. The entries for the checksheet are referenced directly to the appropriate section number, for example, *2A(i)*.

If your waste quantities do not balance on the checksheet, this means that you have double-counted or omitted waste quantities in the individual sections, and you will need to re-check the numbers in these sections.

The basic formula for the checksheet is:

SOLID WASTE

Storage = Generation - Treatment - Disposal
- Underground Injected - Reclaimed/Reused/Recyclable
- Burned in Boilers and Industrial Furnaces

WASTEWATER

Storage = Generation - Treatment - Underground Injected

The value for **storage** in the above equations should be zero unless you actually had wastes left in storage as of December 31, 1986. If you had **no wastes left in storage** at the end of 1986 and storage ≠ zero in the above equation, then you have not subdivided your hazardous wastes quantities correctly in the individual sections of this survey. In this case, you should review your calculations and make the necessary corrections so that the equation balances. If you did have **wastes left in storage** at the end of 1986, please check the value you calculate for storage in the above equation to see if it matches available storage records at your facility or is a reasonable estimate of the actual quantity in storage.

Also, to help you understand how to derive the checksheet numbers from your survey answers, please refer to the diagram on page 5.

DETAIL SHEET
EPA/State Hazardous Wastes, Excluding Wastewaters

1986 Data
(PARLIN)

Study Waste Code	Plant Waste Code	Name	CMA Waste Category	Disp Code	Disp Loc.	Quantity (tons)	State Waste
PAR003	WCH-03	DYE SOLVENTS	N	11	6	13.70	NO
PAR033	WRE-2	SCRAP SOLVENTS	N	14	50	0.23	NO
PAR037	WRE-4S	MIXED ORGANIC SOLVENTS	N	14	50	2.95	NO

2A(i)	Total Solid Waste Generated	16.88
2A(ii)	Total State Solid Waste Generated	0.00

DETAIL SHEET
Non-wastewater Treated Wastes - Incineration

1986 Data
(PARLIN)

Study Waste Code	Plant Waste Code	Name	CMA Waste Category	Disp Code	Disp Loc.	Company Site (tons)	Commercial Site (tons)
PAR003	WCH-03	DYE SOLVENTS	N	11	6	13.70	0.00
PAR033	WRE-2	SCRAP SOLVENTS	N	14	50	0.00	0.23
PAR037	WRE-4S	MIXED ORGANIC SOLVENTS	N	14	50	0.00	2.95
	3A(i)	Solid Wastes Treated by Incineration				13.70	3.18

1986 CMA
Hazardous Waste Survey

1986
CMA HAZARDOUS WASTE SURVEY

CONFIDENTIAL INFORMATION

Parent company name* E.I. DuPont DeNemours & Co.

* If facility was purchased in 1986 from a different company, please give **seller-company** name **below.** This allows us to keep track of plants and their code numbers from year to year.

Seller-company name _____

Subsidiary name —

Plant name and address IMAGING DEPARTMENT
CHEESEQUAKE ROAD
PARLIN, NJ
(ZIP) 08859

EPA identification no. NJD002440284

Contact name JOHN R. MARSHALL

Title ENVIRONMENTAL ASSOCIATE

Telephone Number (201) 257-4600 - EXT 1486

We encourage you to make a thorough and complete response to this questionnaire. CMA staff and CMA's contractor, Tischler/Kocurek (TK), will be reviewing your responses and contacting you to clarify any ambiguities. The confidential information will not be released to anyone outside CMA or TK.

Please call Dianna Kocurek of TK, Round Rock, Texas, at **512/244-9058** if you have any questions regarding this questionnaire. Completed surveys should be **returned** to:

Dianna Kocurek
Tischler/Kocurek
116 East Main
Round Rock, Texas 78664

To be completed by TK:
CMA Code No: _____
Date Received: _____

Date Entered:		CMA Code No:
		1986 CMA Hazardous Waste Survey
Data Checked:		

QUESTIONS

1. PLANT DESCRIPTION

Indicate your plant's primary 2800 SIC code and the state in which your plant is located.

A. SIC Code 2821 [1]

B. State 31 [2]

2. WASTE GENERATION DATA

A. Solid Waste

(i) Quantity of solid hazardous waste (RCRA and state), excluding hazardous wastewater and wastewaters which were underground injected

1100 ~~17~~ tons
[3]

(ii) Quantity of solid waste considered hazardous by state regulations only, excluding state wastewater and wastewaters which were underground injected

0 tons
[4]

(iii) Quantity of solid hazardous wastewater treatment sludges included in 2A(i)

0 tons
[5]

2. WASTE GENERATION DATA

A. Solid Waste

(iv) Quantity of solid hazardous waste reported in 2A(i) which is a result of the January 1985 regulatory change in definition of solid waste

0 tons
[6]

(v) Quantity of solid hazardous waste reported in 2A(i) which is a result of being newly listed by EPA, effective in 1986

0 tons
[7]

2. WASTE GENERATION DATA

B. Wastewater

(i) Quantity of all RCRA and state hazardous wastewater and underground injected wastewaters

0 tons
[8]

(ii) Quantity of hazardous wastewater reported in 2B(i) that is characteristic hazardous wastewater

0 tons
[9]

(iii) Quantity of hazardous wastewater reported in 2B(i) that is listed hazardous wastewater (or a mixture of listed/characteristic hazardous wastewater)

0 tons
[10]

(iv) Quantity of all hazardous wastewater and underground injected wastewaters considered hazardous only by the state

0 tons
[11]

(v) Quantity of hazardous wastewater reported in 2B(i) which is a result of being newly listed by EPA, effective in 1986

0 tons
[12]

QUESTIONS

2. WASTE GENERATION DATA

C. Domestic Sewage Exclusion

Indicate the quantity of wastewater that would be a **listed** or **characteristic** hazardous wastewater if it were not excluded from RCRA regulation by the **Domestic Sewage Exclusion**. If a wastewater would be a listed waste (without the exclusion), but also would have hazardous characteristics, include it only in the listed category below. If a wastewater would be a **mixture** of a waste and a listed waste, include it in the listed category. Remember, the wastewaters that are excluded from RCRA regulation by the Domestic Sewage Exclusion should not be counted in your hazardous wastewater quantities in 2B(i)-(v).

(i) "Characteristic" RCRA and state Domestic Sewage Exclusion wastewater ___ ___ ___, ___ ___ ___, ___ ___ 0 tons [13]

(ii) "Listed/mixture" RCRA and state Domestic Sewage Exclusion wastewater ___ ___ ___, ___ ___ ___, ___ ___ 0 tons [14]

NOTE: If your answer to 2B(i) is zero, then proceed to Section 6 if your facility generated hazardous wastes for any period after November 1980. If your facility has never generated hazardous wastes, complete sections 8 and 9, then return the survey.

NOTE: Wastewaters that fall under the DOMESTIC SEWAGE EXCLUSION are NOT HAZARDOUS wastes; please do not include the quantities reported in Section 2C in questions 2B(i)-(v). The information you provide here will help CMA comment on any rulemaking effort on retainment of the DOMESTIC SEWAGE EXCLUSION.

3. HAZARDOUS SOLID WASTE - TREATMENT AND DISPOSAL

A. Treatment - Hazardous Solid Waste

Indicate the primary SIC code(s) for processes generating hazardous solid waste requiring treatment:

2 8 2 1 [15] 2 8 5 1 [16] 2 8 __ [17]

		Company (tons)	Commercial (tons)
(i)	Incineration	14 [18]	1070 ~~3~~ [19]
(ii)	Other	0 [20]	16 ~~0~~ [21]
(iii)	RCRA & State	14 [23]	1086 ~~3~~ [24]

3. HAZARDOUS SOLID WASTE - TREATMENT AND DISPOSAL

B. Disposal - Hazardous Solid Waste

Indicate the primary SIC code(s) for processes generating hazardous solid waste requiring disposal:

2 8 21 [25] 2 8 51 [26] 2 8 ___ [27]

		Company (tons)	Commercial (tons)
(i)	Landfill	0 [28]	0 [29]
(ii)	Surface impoundment	0 [30]	0 [31]
(iii)	Waste pile	0 [32]	0 [33]
(iv)	Other	0 [34]	0 [35]
(v)	RCRA & State	0 [37]	0 [38]

3. HAZARDOUS SOLID WASTE - TREATMENT AND DISPOSAL

C. Site Cleanup - Hazardous Solid Waste

		Company (tons)	Commercial (tons)
(i)	RCRA & State	0 [39]	0 [40]

D. RECLAIMED/REUSED/RECYCLABLE Materials - Hazardous Solid Waste Excluding Wastes Burned in Boilers and Industrial Furnaces

		Company (tons)	Commercial (tons)
(i)	RCRA & State	0 [41]	0 [42]

3. HAZARDOUS SOLID WASTE - TREATMENT AND DISPOSAL

E. Hazardous Solids Waste Burned in Boilers or Industrial Furnaces
Quantities Burned in Boilers and Industrial Furnaces

		Company (tons)	Commercial (tons)
(i)	Boilers	0 [43]	0 [44]
(ii)	Industrial Furnaces	0 [45]	0 [46]

PROPOSED EXEMPTION OF SMALL QUANTITY (DE MINIMIS) ON-SITE BURNERS (52 FR 17034)

(iii) Number of On-Site Boilers or industrial furnaces

Unit Size (million Btu/hr)	Hazardous Waste Limit* (gal/mo)	On-Site Boilers: Total Burning Hazardous Waste	On-Site Boilers: Total Meeting Hazardous Waste Limit*	On-Site Industrial Furnaces: Total Burning Hazardous Waste
0.4-1.5	7	0 [47]	0 [48]	0 [49]
>1.5-10	13	0 [50]	0 [51]	0 [52]
>10-50	26	0 [53]	0 [54]	0 [55]
>50-150	55	0 [56]	0 [57]	0 [58]
>150-400	100	0 [59]	0 [60]	0 [61]
>400	300	0 [62]	0 [63]	0 [64]

*In addition to the gallon/month limit, the volume of hazardous waste fuel must be less than 1 percent of the total volume of fuel burned, and these wastes cannot be burned - F020, F021, F022, F023, F026, or F027.

PROPOSED WAIVER OF TRIAL BURN - (52 FR 17036)

Please indicate the number of units with the following characteristics.

		On-Site Boilers	On-Site Industrial Furnaces
(iv)	Fired with >50% Fossil fuel based on total heat input and total volume input,	0 [65]	0 [66]
(v)	Operated at >25% rated heat capacity	0 [67]	0 [68]
(vi)	Fossil fuel/waste mixture >8000 Btu/lb		
(vii)	Atomization directly into flame zone	0 [71]	0 [72]
(viii)	Do not burn F020, F021, F022, F023, F026, or F027 wastes	0 [73]	0 [74]
(ix)	Number of units satisfying (iv)-(viii) above	0 [75]	0 [76]
(x)	Continuous CO monitoring	0 [77]	0 [78]
(xi)	Continuous O2 monitoring	0 [79]	0 [80]
(xii)	Utilizing Air Pollution Control Device (APCD)	0 [81]	0 [82]
(xiii)	Approved trial burn has been conducted	0 [83]	0 [84]

4. HAZARDOUS WASTEWATER - TREATMENT N/A

Indicate the primary SIC code(s) for processes generating hazardous wastewater requiring treatment:

2 8 ___ ___ [85] 2 8 ___ ___ [86] 2 8 ___ ___ [87]

		Company (tons)	Commercial (tons)
	NPDES Facility		
(i)	In tanks only	0 [88]	0 [89]
(ii)	In impoundments	0 [90]	0 [91]
(iii)	Number of Tanks (on-site)	___ [92]	
	POTW Facility		
(iv)	In tanks only	0 [93]	
(v)	In impoundments	0 [94]	
(vi)	Number of Tanks (on-site)	___ [95]	
	Other		
(vii)	Other	0 [96]	0 [97]
	Totals		
(viii)	RCRA & State	0 [99]	0 [100]
	Site Cleanup		
(ix)	Wastewater	0 [101]	0 [102]

5. UNDERGROUND INJECTION N/A

Indicate the primary SIC code(s) for processes generating hazardous wastewater requiring underground injection:

2 8 ___ [103] 2 8 ___ [104] 2 8 ___ [105]

		Company (tons)	Commercial (tons)
(i)	Solid waste	0 [106]	0 [107]
(ii)	Wastewater	0 [108]	0 [109]
(iii)	RCRA & State	0 [110]	0 [111]

CMA Code No:

1986 CMA
Hazardous Waste Survey

QUESTIONS

6. **WASTE MINIMIZATION**

A. Management Practices for Hazardous Waste Minimization

	Yes	No
1. Does your **company** have an active, written **Hazardous Waste Minimization program**?[112]	✓	
2. If your **company** has an active, written **Hazardous Waste Minimization program** how long has it been in effect?[113]		
__ 1 year or less ✓ 2 years __ 3 years __ 4 years __ 5 years __ > 5 years		
3. Does your **facility** have an active, written **Hazardous Waste Minimization program**?[114]	✓	
4. Does your **facility** collect data to **monitor waste generation rates** and measure progress towards waste minimization?[115]	✓	
5. Does your **facility** conduct **waste audits** on a periodic basis?[116] Frequency is:	✓	
__ 6 months or less ✓ 1 year __ 2 years __ > 2 years [117]		
6. Are employees encouraged to identify waste minimization opportunities?[118]	✓	
7. Does your **facility train** employees on the benefits and cost savings associated with practicing and identifying waste minimization opportunities?[119]	✓	

8. Has your **facility** employed **raw material** modification or substitution, or **end product modification or substitution** to reduce the volume or toxicity of hazardous waste generated (for example, purified raw material, changes in auxiliary raw materials, solvent-based cleaners to water- based cleaners, product substitution, elimination of cadmium in plating operations)?[120]
   __ new practice ✓ investigated, but not implemented
   __ on-going effort __ not considered
9. Has your **facility** undergone any **process modifications** to reduce the volume or toxicity of hazardous waste generated (for example, changes in catalysts, process conditions, process materials, process control, equipment modification)?[121]
   __ new practice __ investigated, but not implemented
   ✓ on-going effort __ not considered
10. Does your **facility** practice **waste stream segregation** to reduce the volume of hazardous waste generated?[122]
   __ new practice __ investigated, but not implemented
   ✓ on-going effort __ not considered
11. Has your **facility** utilized the services of a **waste exchange or waste broker** to minimize the amount of hazardous waste to be treated, stored, or disposed?[123]
   __ new practice ✓ investigated, but not implemented
   __ on-going effort __ not considered
12. Does your **facility** practice **good housekeeping or good management practices** as a form of waste minimization (for example, inventory control, spill/leak prevention, scheduling improvements?[124]
   __ new practice __ investigated, but not implemented
   ✓ on-going effort __ not considered

	Yes	No
13. Does your **facility** use any **other waste reduction or minimization** practices not listed above?[125] Please specify below:		✓

_____

_____

_____[126]

QUESTIONS

6. WASTE MINIMIZATION

B. Production Basis

Total production of all processes **generating hazardous wastes** expressed as a ratio of 1986 production to 1985 production. Assume that 1985 production = 1.0 (unless Case 3 on page 30 applies to your facility - in that case put *Not Applicable* (N/A) for 1985 and 1.0 for 1986).

1985	1986
1.0	0.9
[127]	[128]

NOTE: The example calculations for production basis on the opposite page may be helpful to you in completing question 6B.

CMA Code No: _____

1986 CMA
Hazardous Waste Survey

QUESTIONS

6. WASTE MINIMIZATION

C. Waste Reduction Projects (duplicate this sheet if you need additional entries)

Please summarize waste reduction projects which have reduced hazardous wastes at your facility since the beginning of 1981. The projects should include only those affecting hazardous wastes (RCRA and state) and which have a waste reduction effect in 1986.

Wastes Affected[1] [129]	Waste Reduction Tons per Year[2] [130]	Primary Reduction Method[3] [131]	Year of Project Initiation[4] [132]	Year of Project Completion[5] [133]
a	10	F	1982	1982
a	5	A	1984	1984

Total Tons Reduced** 15 [134]

1 Category of waste affected should be selected from the following:
- a. **Characteristic** hazardous **solid** waste
- b. **Listed** hazardous **solid** waste
- c. **Characteristic** hazardous **wastewater**
- d. **Listed** hazardous **wastewater**

2 Calculated as the difference between the waste produced (tons per year) before implementing the project and the 1986 waste production (tons per year) for each waste type-reduction code combination.

3 Reduction code should be selected from the following. Select only one per line entry above:

- a. Housekeeping and improved handling procedures
- b. Product substitution
- c. Raw material substitution
- d. Equipment modification
- e. Process modification
- f. On-site recycling/reuse/reclamation
- g. On-site burning in boilers/industrial furnaces
- h. Off-site recycling/reuse/reclamation
- i. Off-site burning in boilers/industrial furnaces
- j. Other (please describe below)

Note: Treatment methods such as incineration, chemical/physical, biological, and thermal treatment are not listed here since they are summarized by Section 3A.

4 Enter the year the project was initiated or implemented, not the year planned or proposed. Do not consider projects that were initiated prior to 1981.

5 Enter the year the project was or will be completed (the year of completion can be after 1986).

** Total Hazardous Solid Waste and Wastewater Generated in **1985** (tons) [135] 986

Total Hazardous Solid Waste and Wastewater Generated in **1986** (tons) [136] 1,100 *

If the difference between the 1985 and 1986 hazardous waste generation is more than twice the above total tons reduced, please explain:

* ABOVE AVG. WASTE GENERATED BECAUSE OF MAJOR PHASE DOWN AND CONSOLIDATION. [137]

CMA Code No:
1986 CMA
Hazardous Waste Survey

QUESTIONS

7. 90 - DAY ACCUMULATION EXEMPTION - TANKS AND CONTAINERS

Permit Status

Please check **all applicable permit conditions** for all hazardous waste units (not only tanks and containers) at your facility:

✓	Permits issued **after November 8, 1984**	[138]
	All permits issued **before November 8, 1984**	[139]
✓	**Interim** status	[140]
✓	All permits or interim status for **storage only** units	[141]
	No permits or interim status	[142]

Less Than 90 - Day Accumulation Tanks

Indicate the number and **total** volume of tanks that currently are used to accumulate hazardous wastes at your facility for less than 90 days.

	Number of Tanks	Total Volume (gallons)
Less than 90-day accumulation tanks	4 [143]	31,000 [144]

Indicate the number of tanks in each size range that currently are used to accumulate hazardous wastes at your facility for less than 90 days. The sum of all the tanks in each size range should equal the total number of tanks above.

	Number of Tanks	Size Range (gallons)
Size range of less than 90-day accumulation tanks	0 [145]	0 - 1000 gallons
	0 [146]	>1000 - 5000 gallons
	4 [147]	>5000 - 10,000 gallons
	0 [148]	>10,000 gallons

Less Than 90 - Day Accumulation Containers

For containers that currently are used to accumulate hazardous wastes at your facility for less than 90 days, indicate the number of containers accumulation areas, and the total number of containers and **average** total volume accumulated during a typical 90-day period.

	Total Number of Container Areas	Total Number of Containers	Average Total 90-Day Volume (gallons)
Less than 90-day accumulation containers	1 [149]	200 [150]	10,000 [151]

Satellite Accumulation

Indicate the number of satellite accumulation areas at your facility where wastes are **initially generated prior to being removed to a central accumulation or storage area**. (Accumulation in each satellite area is restricted to 55 gallons of hazardous waste or one quart of acutely hazardous waste.)

	Total Number of Satellite Accumulation Areas	Number of 1-Quart Satellite Accumulation Areas
Number of satellite accumulation areas	6 [152]	0 [153]

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1986 CMA Hazardous Waste Survey

QUESTIONS

8. OTC - ORGANIC TOXICITY CHARACTERISTIC

Indicate the quantities of solid waste and wastewater that would be **newly defined** as hazardous (**excluding wastes currently defined as hazardous**) according to the OTC concentration levels proposed by EPA (refer to the table on the opposite page). State if your answers are based primarily on waste analyses or knowledge of the process. Indicate the number and type of waste **management units** that would be **newly impacted** by the proposed OTC (**excluding current hazardous waste management units**).

	Anticipated On-Site and Off-Site Company-Owned Facilities	Anticipated Commercial Facilities
A. Solid Waste		
(i) Solid waste ("as-is" tons)	___,___,__5 [154]	___,___,__10 [155]

(ii) The above answer is based **primarily** on:

Waste analyses, **or** ___ [156]
Knowledge of the process ✓ [157]

(iii) Number of solid waste management units newly impacted by proposed OTC

Incinerators	__15 [158]
Landfills	___ [159]
Tanks	___ [160]
Impoundments	___ [161]
Waste piles	___ [162]
Land treatment units	___ [163]
Underground injection wells	___ [164]
Other (specify below)	___ [165]

_____ [166]

B. Wastewater		
(i) Wastewater ("as-is" tons)	___,___,__0 [166]	___,___,__0 [167]

(ii) The above answer is based **primarily** on:

Waste analyses, **or** ___ [168]
Knowledge of the process ✓ [169]

(iii) Number of wastewater management units newly impacted by proposed OTC

Incinerators	__0 [170]
Tanks	__0 [171]
Impoundments	__0 [172]
Land treatment units	__0 [173]
Underground injection wells	__0 [174]
Other (specify below)	__0 [175]

_____ [176]

CMA Code No:
1986 CMA
Hazardous Waste Survey

QUESTIONS

9. CORRECTIVE ACTION

Indicate for the different types of facilities below, both regulated and non-regulated (*non-regulated* under hazardous waste regulations): the total number of units; the number and size that are, or are expected to be subject to corrective action that will require physical remediation; and the permit status of the regulated units (the number that have interim status and those that are permitted). Also, indicate whether the corrective action determination is the result of internal assessment by your facility and/or if corrective action has been determined by a regulatory agency.

Regulated Units

	Total Number	Units Identified or Expected to Require Corrective Action: Corrective Action Number	Permit Status: I	Permit Status: P	Ident.: Int.	Ident.: Ag.	Surface Area/Affected Area*
Example	10	5	4	1	x	x	20 acre
Landfill	1	1		1		1	10 acre
Impoundment	1			1		1	.5 acre
Land treatment	0						0 acre
Waste pile	0						0 acre
Incinerator	0						0 acre
Tank (above ground)	4	4		1		1	.2 acre
Tank (underground)	0						0 acre
Container storage	2	2		2		2	.5 acre
Injection wells	0						0 acre
Transfer stations	0						0 acre
Recycling units	0						0 acre
Spill areas	0						0 acre
[177]	[178]	[179]	[180]	[181]	[182]	[183]	[184]

*For landfills, surface impoundments, land treatment units, and waste piles, report the surface area of the active/inactive units. For all others, report the land area that would be subject to corrective action.

Non-Regulated Units (*non-regulated* under hazardous waste regulations)

	Total Number	Units Identified or Expected to Require Corrective Action: Corrective Action Number	Identification: Internal	Identification: Agency	Surface Area/Affected Area*
Landfill	1	1	1		2 acre
Impoundment	4	4	4		1 acre
Land treatment	1	1	1		1 acre
Waste pile	2	2	2		.5 acre
Incinerator	0				acre
Tank (above ground)	20	20	20		3 acre
Tank (underground)	9	9	9		.5 acre
Container storage	0				acre
Injection wells	0				acre
Transfer stations	0				acre
Recycling units	0				acre
Spill areas	3	3			3 acre
[185]	[186]	[187]	[188]	[189]	[190]

10. OVERALL CHECKSHEET

A. Solid Waste

1. Generated [2A(i)]	1100 ~~16.88~~ tons	[191]
2. Treated [3A(iii)]	1100 ~~16.88~~ tons	[192]
3. Disposed [3B(v)]	0.00 tons	[193]
4. Injected [5(i)]	0.00 tons	[194]
5. Recycled [3D(i)]	0.00 tons	[195]
6. Burned for Energy Recovery [3E]	0.00 tons	[196]
7. 1986 Solid Waste left in Storage	0.00 tons	[197]

B. Wastewater

1. Generated [2B(i)]	0.00 tons	[198]
2. Treated [4(viii)]	0.00 tons	[199]
3. Injected [5(ii)]	0.00 tons	[200]
4. 1986 Wastewater left in Storage	0.00 tons	[201]

1985

CMA HAZARDOUS WASTE SURVEY

CONFIDENTIAL INFORMATION

Parent company name E.I. Dupont DeNemours & Co

Subsidiary name —

Plant name and address Automotive Products (Formerly F&FP)
Cheesequake Rd.
Parlin
(ZIP) 08859

EPA Identification no. NJD000820159

Contact name E. L. Brennan

Title Environmental Manager

Telephone Number 201-257-4600 ext. 1478

We encourage you to make a thorough and complete response to this questionnaire. CMA staff and CMA's contractor, Tischler/Kocurek (TK), will be reviewing your responses and contacting you to clarify any ambiguities. The confidential information will not be released to anyone outside CMA or TK.

Please call Dianna Kocurek of TK, Round Rock, Texas, at 512/244-9058 if you have any questions regarding this questionnaire.

CMA Code No. DT 0463
(to be assigned by TK)

RECEIVED 8-15-86

DT0463

OK

ENTERED 10/14/86

QUESTIONS

1. PLANT DESCRIPTION

Indicate your plant's primary 2800 SIC code, the state in which your plant is located, and the plant employment (excluding facilities described in the instructions on pg. 6).

A.	SIC Code	2851
B.	State	31
C.	Employment	162

QUESTIONS

2. WASTE GENERATION DATA

A. Solid Waste

(i) Indicate the total quantity of solid hazardous waste (RCRA and state) generated at your plant during the 1985 calendar year, excluding hazardous wastewater and wastewaters which were underground injected.

___,___,929 tons

NOTE: If your answer to 2A(i) is zero, please proceed to Section 2B.

(ii) Indicate the quantity of solid waste generated at your plant which was considered hazardous by state regulations only, excluding state wastewater and wastewaters which were underground injected.

___,___,__0 tons

(iii) Indicate the quantity of all solid hazardous wastewater treatment sludges (RCRA and state) which is counted in 2A(i) above (this includes listed, characteristic, and mixture RCRA and state sludges).

___,___,__0 tons

NOTE: The 1984 survey did not include recyclable wastes which were exempted from full regulation under 40 CFR 261.6. Please INCLUDE those RECYCLABLE wastes which are at least subject to generator and notification requirements in the 1985 survey.

QUESTIONS

2. WASTE GENERATION DATA

A. Solid Waste

(iv) Indicate the quantity of solid hazardous waste reported in question 2A(i) which is a result of the January 1985 regulatory change in definition of solid waste.

___,___,___ 0 tons

(v) Indicate the quantity of solid hazardous waste reported in question 2A(i) which is a result of a waste being newly listed by EPA for the first time, effective in 1985.

___,___,___ 0 tons

NOTE: If there are significant changes in your responses from the 1984 survey which are NOT a result of the revised solid waste definition or newly listed wastes, please add a BRIEF COMMENT for explanation.

QUESTIONS

2. WASTE GENERATION DATA

B. Wastewater

(i) Indicate the quantity of all RCRA and state hazardous wastewater and underground injected wastewaters (this includes listed, characteristic, and mixture hazardous wastewater) generated at your plant during calendar year 1985.

_ _ _, _ _ _, _ _ 0 tons

NOTE: If your answer to 2B(i) and 2A(i) are both zero (in other words, your facility generates no hazardous wastes subject to regulation under RCRA or state hazardous waste regulations), then proceed to Section 6. After you complete Section 6, then return the survey.

(ii) Indicate the quantity of all hazardous wastewater and underground injected wastewaters generated at your plant which was considered hazardous only by the state, and not under RCRA.

_ _ _, _ _ _, _ _ 0 tons

NOTE: Wastewaters are defined as those wastes which are treated by an NPDES permitted treatment plant or sent to a POTW, or wastewaters that are injected underground.

DT0463

QUESTIONS

3. HAZARDOUS SOLID WASTE - TREATMENT AND DISPOSAL

A. Treatment - Hazardous Solid Waste

Indicate the primary SIC code(s) for processes generating hazardous solid waste requiring treatment:

2851 2821 28__

Indicate the quantity of RCRA and state hazardous solid waste treated under the following categories during the calendar year 1985. Do not include recyclable wastes which are not subject to regulation at 40 CFR 264, 265, and 270, wastewater, or underground injection wastes (solid or wastewater).

	On-Site and Off-Site Company-Owned Facilities ("as is" tons)	Commercial ("as is" tons)
(i) Incineration	___,___,__0	___,___,912
(ii) Other* (specify below)	___,___,__0	___,___,__0
(iii) Column totals	___,___,__0	___,___,912
(iv) RCRA and state wastes	___,___,__0	___,___,912
(v) State hazardous waste only	___,___,__0	___,___,__0

* Other treatment may include, but is not limited to: thermal, chemical, physical, neutralization, or biological treatment of hazardous waste.

NOTE: Avoid DOUBLE- COUNTING. The column totals (iii) and RCRA and state waste quantities (iv) must balance.

QUESTIONS

3. HAZARDOUS SOLID WASTE - TREATMENT AND DISPOSAL

B. Disposal - Hazardous Solid Waste

Indicate the primary SIC code(s) for processes generating hazardous solid waste requiring disposal:

2851 2821 dk 28__

Indicate the quantity of RCRA and state hazardous solid waste disposed under the following categories during the calendar year 1985. Do not include recyclable wastes which are not subject to regulation at 40 CFR 264, 265, and 270, wastewater, or underground injection wastes (solid or wastewater).

	On-Site and Off-Site Company-Owned Facilities ("as-is" tons)	Commercial ("as-is" tons)	Row Totals ("as-is" tons)
(i) Disposed of in landfill	0	17	17
(ii) Disposed of in surface impoundment	0	0	0
(iii) Disposed of in waste pile	0	0	0
(iv) Other disposal (specify below) _____	0	0	0
(v) Column totals	0	17	17
(vi) RCRA and state waste	0	17	17
(vii) State hazardous waste only	0	0	0

NOTE: Avoid **DOUBLE- COUNTING.** The column totals (v) and RCRA and state waste quantities (vi) must balance.

QUESTIONS

3. HAZARDOUS SOLID WASTE - TREATMENT AND DISPOSAL

C. Site Cleanup - Hazardous Solid Waste

Indicate the waste quantity counted in Sections 3A or 3B which were the result of RCRA, CERCLA, or other remedial action.

	On-Site and Off-Site Company-Owned Facilities ("as-is" tons)	Commercial ("as-is" tons)
(i) RCRA and state waste	0	0
(ii) State hazardous waste only	0	0

D. Recyclable - Hazardous Solid Waste

Indicate the waste quantity counted in Section 2A(i) which was exempted from management under 40 CFR 264, 265, or 270 of RCRA.

(i) RCRA and state waste	0 tons
(ii) State hazardous waste only	0 tons

QUESTIONS

4. HAZARDOUS WASTEWATER - TREATMENT

Indicate the primary SIC code(s) for processes generating hazardous wastewater requiring treatment:

2 8 __ __ 2 8 __ __ 2 8 __ __

Indicate the quantity of RCRA and state hazardous wastewater (excluding underground injection quantities) treated under the following categories during the calendar year 1985.

	On-Site and Off-Site Company-Owned Facilities ("as-is" tons)	Commercial ("as-is" tons)
NPDES Facility		
(i) In tanks only	__,__,__0	__,__,__0
(ii) Whole or partially in impoundments	__,__,__0	__,__,__0
(iii) Number of tanks	__0	
POTW Facility (wastewaters pretreated at your facility)		
(iv) In tanks only	__,__,__0	__,__,__0
(v) Whole or partially in impoundments	__,__,__0	__,__,__0
(vi) Number of tanks	__0	
Other (specify below)		
(vii) _____	__,__,__0	__,__,__0
Totals		
(viii) Column totals	__,__,__0	__,__,__0
(ix) RCRA and state wastewater	__,__,__0	__,__,__0
(x) State hazardous wastewater only	__,__,__0	__,__,__0

NOTE: Avoid DOUBLE- COUNTING. The column totals (viii) and RCRA and state waste quantities (ix) must balance.

QUESTIONS

5. UNDERGROUND INJECTION

Indicate the primary SIC code(s) for processes generating hazardous wastes requiring underground injection:

2 8 _ _ 2 8 _ _ 2 8 _ _

Indicate the quantity of RCRA and state hazardous waste disposed of by underground injection under the following categories during the calendar year 1985.

	On-Site and Off-Site Company-Owned Facilities ("as-is" tons)	Commercial ("as-is" tons)	Row Totals ("as-is" tons)
(i) RCRA and state waste	_ _, _ _ _, _ _0	_ _, _ _ _, _ _0	_ _, _ _ _, _ _0
(ii) State waste	_ _, _ _ _, _ _0	_ _, _ _ _, _ _0	_ _, _ _ _, _ _0
(iii) Wastewater	_ _, _ _ _, _ _0	_ _, _ _ _, _ _0	_ _, _ _ _, _ _0
(iv) Solid waste	_ _, _ _ _, _ _0	_ _, _ _ _, _ _0	_ _, _ _ _, _ _0
(v) Column totals[(iii)&(iv)]	_ _, _ _ _, _ _0	_ _, _ _ _, _ _0	_ _, _ _ _, _ _0

NOTE: Avoid **DOUBLE- COUNTING.** The column totals (v) and RCRA and state waste quantities (i) must balance.

QUESTIONS

6. UNDERGROUND STORAGE TANKS

A. Petroleum Products and CERCLA Hazardous Substances

Indicate the number and total volume of underground storage tanks located at your facility that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986.

The information required here can be taken directly from your notification form for underground storage tanks.

	Number of Tanks	Total Volume (gallons) (include volume in underground piping)
CERCLA hazardous substances		
Currently in use	1	7,700
Temporarily/permanently out of use	0	0
Petroleum products		
Currently in use	1	3,000
Temporarily/permanently out of use	3	130,000

NOTE: RCRA wastes are NOT INCLUDED in Section A. See EXAMPLES on page 26.

QUESTIONS

6. UNDERGROUND STORAGE TANKS

B. RCRA and State Hazardous Wastes

Indicate the number and total volume of underground storage tanks located on your facility which were in use at some time during 1985 and which were regulated by 40 CFR 264 or 265.

	Number of Tanks	Total Volume (gallons) (include volume only in tanks themselves)
RCRA and state hazardous wastes	0	0
State wastes only	0	0

Indicate the primary SIC code(s) for processes generating RCRA and state hazardous wastes which were treated or stored in underground storage tanks at some time during 1985:

2851 2821 28__

DT0463

QUESTIONS

7. OVERALL CHECKSHEET

A. Solid Waste

1. Solid waste generated, [2A(i)]	___,___,929 tons
2. Solid waste treated, row total for RCRA and state, [3A(iv)]	{___,___,912} tons
3. Solid waste disposed, row total for RCRA and state, [3B(vi)]	{___,___,___,17} tons
4. Solid waste injected, row total, [5(iv)]	{___,___,___,___,___0} tons
5. Solid waste recycled, not RCRA managed, [3D(i)]	{___,___,___,___,___0} tons
6. Subtract lines 2,3,4,&5 from line 1: In storage (as of 12/31/85)	___,___,___,___,___0 tons

If you did not have any wastes which were generated in 1985 and left in storage as of December 31,1985, then line 6 should be equal to zero. If it is not, then please re-check your waste quantities in sections 2,3, and 5.

If you had waste which was generated in 1985 and left in storage as of December 31, 1985, please check that the value on line 6 matches storage records for your facility, or is a reasonable estimate of the quantity of 1985 wastes left in storage.

B. Wastewater

1. Wastewater generated, [2B(i)]	___,___,___,___,___0 tons
2. Wastewater treated, row total for RCRA and state, [4(ix)]	{___,___,___,___,___0} tons
3. Wastewater injected, row total, [5(iii)]	{___,___,___,___,___0} tons
4. Subtract lines 2 & 3 from line 1	___,___,___,___,___0 tons

Line 4 should be equal to zero. If not, re-check quantities in sections 2, 4, and 5.

CONGRATULATIONS! If your checksheet balances, proceed to GO and collect $200. If not, please re-check your quantities in Sections 2 - 5.

1986
CMA HAZARDOUS WASTE SURVEY

1986
CMA HAZARDOUS WASTE SURVEY

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CHEMICAL MANUFACTURERS ASSOCIATION

June 5, 1987

TO: Environmental Management Contacts

RE: **1986 CMA Hazardous Waste Survey**

The 1981-1982 CMA Hazardous Waste Survey provided the first comprehensive picture of the chemical industry's waste management practices. CMA has conducted the survey annually and we continue to document gains in the industry's waste management practices. We are able to document a 50% reduction in hazardous waste generated since 1981. This is a significant accomplishment in light of an overall increase in industry production over the same time frame. We are enclosing a copy of the final 1985 Hazardous Waste Survey Report for your information and use. The industry should feel proud about the significant waste management accomplishments it has made over the past five years.

The information collected as part of past CMA Hazardous Waste Survey has been an indispensable element in CMA's advocacy. The data were instrumental in CMA's successful Superfund advocacy on revising the funding mechanism. Since CMA's data form, the only data base that exists with trend analysis, the data is invaluable in advocacy before EPA on various RCRA implementing regulations. In 1988/89, RCRA is due to be reauthorized and amended. It is anticipated that we will need the type of data collected in the annual survey to advocate effectively industry positions on substantive RCRA Amendments and waste minimization provisions. We anticipate needing to provide documentation of the progress that has been made in voluntary industry waste minimization programs in order to avoid mandatory waste minimization legislation.

As with the previous surveys, the 1986 Hazardous Waste Survey was developed by the EMC's RCRA Task Group. The task group has carefully reviewed the previous survey forms and has made modifications to minimize to the maximum extent possible the data requested. The data that will be obtained from the current survey and past ones represents a solid base of information from which to compare data from subsequent years. We will continue to be able to pinpoint trends and forecast new developments. This year's survey has been amended to include a section on waste minimization in order to obtain the detailed data necessary to document the progress that has been made on waste minimization activities by CMA member companies.

The management of CMA and its Board of Directors believe it is incumbent on CMA member companies to complete this year's survey to assure a complete and representative data base. The final analysis of the survey responses will provide CMA with the timely information necessary to participate effectively in the following activities:

(1) 1988/89 Congressional reauthorization and amendment of RCRA;

(2) EPA regulatory implementation of RCRA;

(3) feasibility analyses of new waste management programs; and

(4) enhancement of the public's perception of the industry's hazardous waste management capability.

This information continues to be the only reliable, long term data base that exists. As with the previous years' surveys, all responses will be accorded proper confidential treatment by CMA and our contractor.

In addition to the new section on waste minimization, the 1986 form has been modified to delete the underground tank section (the data response on underground tanks was excellent in the 1985 survey and does not need to be repeated), and to add three additional sections -- less than 90-day storage tanks and containers, the organic toxicity characteristic, and corrective action. The data developed in these new sections will be very timely in responding to anticipated EPA proposed regulations. Another area in which EPA is considering proposed regulations is burning for energy recovery in boilers and industrial furnaces. Questions on burning for energy recovery were deleted from the 1985 survey form, but have been reinstated in the 1986 survey form.

A copy of the completed 1985 survey form for each of your facilities is included to aid in the completion of the 1986 survey form. You should use the 1985 survey form only as a reference. If your answers for the 1986 survey differ dramatically from the previous year, our contractor has asked that you explain the difference briefly on the 1986 survey form. Please do not use the 1985 answers as-is simply to complete the 1986 survey, unless they are consistent with activities in 1986. We hope that the use of the 1985 survey will help if there has been any change in persons completing the form from last year.

You should only complete surveys for those locations designated as SIC Code 2800 series industries. We are enclosing what our records show is approximately the number of forms necessary for distribution to your facilities. If you need additional copies, please feel free to duplicate them or call us for additional copies. You should forward the surveys to each of your chemical industry plants and have these facilities return its response to you or your designee for submittal to CMA's contractor - Tischler/Kocurek.

In order to facilitate timely analysis of the data and to assure their confidentiality, please return all your completed questionnaires by August 1, 1987, to:

Dianna Kocurek
Tischler/Kocurek
116 East Main
Round Rock, Texas 78664

We have made every effort to minimize that amount of data requested in the 1986 Hazardous Waste Survey and still be able to collect the data needed to conduct an effective advocacy program. We understand the significant resources necessary to complete the survey, but encourage your facilities to complete this years' survey. We would like a 100% response in order to document the significant industry commitment to and progress made on waste management activities. We appreciate your company's efforts in responding to the survey. If you have any questions regarding the survey that are not covered in the survey instructions, please call Dianna Kocurek at Tischler/Kocurek (512/244-9058) or Janet Matey at CMA (202/887-1174).

David W. Carroll/jac
David W. Carroll, Esq.
Director, Environmental Programs

DWC/jac

Enclosures
(1) 1986 blank survey forms
(2) 1985 completed survey forms
(3) 1985 Hazardous Waste Survey Report

cc: Environmental Management Committee
RCRA Task Group

1986
CMA HAZARDOUS WASTE SURVEY

CONFIDENTIAL INFORMATION

Parent company name* _____

* If facility was purchased in 1986 from a different company, please give **seller-company** name **below.** This allows us to keep track of plants and their code numbers from year to year.

Seller-company name _____

Subsidiary name _____

Plant name and address _____

_____

_____

_____ **(ZIP)**_____

EPA identification no. _____

Contact name _____

Title _____

Telephone Number _____

We encourage you to make a thorough and complete response to this questionnaire. CMA staff and CMA's contractor, Tischler/Kocurek (TK), will be reviewing your responses and contacting you to clarify any ambiguities. The confidential information will not be released to anyone outside CMA or TK.

Please call Dianna Kocurek of TK, Round Rock, Texas, at **512/244-9058** if you have any questions regarding this questionnaire. Completed surveys should be **returned** to:

Dianna Kocurek
Tischler/Kocurek
116 East Main
Round Rock, Texas 78664

To be completed by TK:
CMA Code No: _____
Date Received: _____

Memo for TK use in followup as necessary

CMA 1986 Hazardous Waste Survey

Telephone Memorandum

Date _____

Phone call from _____ **Phone no.** _____
Phone call to _____ **Phone no.** _____

Notes

INTRODUCTION

ASSURANCE OF CONFIDENTIALITY

Each plant will be assigned a unique code number. The code number will be written on the bottom right-hand corner of the cover page and on each page of the survey. This code system will be used by TK to assure the confidentiality of all responses. When the complete questionnaires are received, they will be coded and checked for completeness and clarity. The cover sheets will then be removed and placed in a confidential file to maintain anonymity. Thus, the survey can be processed without reference to the responding facility. Following completion of the project, CMA will instruct TK to destroy the cover sheets to preserve complete confidentiality. CMA and TK have carefully established this system for your protection in the belief that the responses to this questionnaire will be more candid and complete once the respondent has been assured of confidentiality. Please contact **Janet Matey** at **CMA** to inquire about confidentiality or intent of this project. Her telephone number is **202/887-1174**.

INTRODUCTORY NOTE

The Chemical Manufacturers Association needs accurate and complete information about generation and disposition of hazardous waste by the chemical industry. CMA needs this information for legislative and rulemaking advocacy, for evaluation of the Environmental Protection Agency's ongoing regulatory impact analyses, and for analyzing industry-wide trends. Our goal is to establish a comprehensive in-house data base by continuing this survey on an annual basis.

Obtaining consistent information from each member plant is made more difficult because of the complexity of the *definitional* sections of EPA's hazardous waste management regulations. We recognize that the diversity within the chemical industry may create uncertainty in interpretation of waste regulations on a plant-by-plant basis. This questionnaire employs the broad definition of *waste* contained in 40 **CFR** 261.

The **revised definition of solid waste** in January 1985 which impacted recyclable materials **will** impact this year's survey just as it did in 1985.

GENERAL INSTRUCTIONS

Please pay close attention to the instructions accompanying the questions that follow. These instructions attempt to clarify the terms used in the questions. A careful review of the definitions and notes included in the instructions is necessary if accurate, complete, and comparable data are to be obtained.

Many of the questions are interrelated; therefore, read all the questions before beginning. This will save you time by avoiding recalculation of waste quantities which may be asked for in a subsequent question.

Some questions provide an *other* category for unique situations. If you use this category, please identify what *other* represents.

You may **print** neatly all required responses, rather than type them. This will save time and effort on your part. **Ink or ball point** is recommended since pencil often does not copy well.

Responses to the questions in this booklet should correspond to **1986** calendar year records and practices, **except for Sections 7 - 9** which relate to **current practices**. Do **not include** any **inventory** (wastes left in storage at the end of a calendar year, awaiting treatment or disposal) from previous years in your responses.

Definition of a Plant

For this questionnaire, a **plant** includes **all SIC 2800 facilities** at one site, whether operated for manufacturing, waste management, research, or combinations of these purposes.

Companies may elect to have a single individual respond for all or several of their plants or have their plant managers respond separately for their respective plants. Individuals completing questionnaires for more than one plant should fill out a separate questionnaire for each plant. The combined data from several plants would provide an average value, which would not be as useful as individual data for each plant. Therefore, each CMA member company should complete a **separate questionnaire for each** of its **plants**.

Numerical Responses

This questionnaire strives for simplicity and requires primarily numerical responses in **tons**. For numerical responses, fill in the appropriate spaces on the right-hand page.

Responses call for quantities by weight in **as handled** or **as is** tons. A **ton** is defined here as **2000 pounds**. Use recorded/established figures when possible. Give approximate numbers if records are unavailable. Numerical responses should not leave any spaces to the right. Give answers to the nearest ton.

Example

RCRA hazardous waste disposal (assume quantity = 50,000 tons)

CORRECT		5	0	,	0	0	0	tons
INCORRECT	5	0	0	,	0	0		tons

Some of the responses call for **numerical codes** (SIC, state). Refer to the indicated list of codes in the instructions, and enter the appropriate code in the spaces.

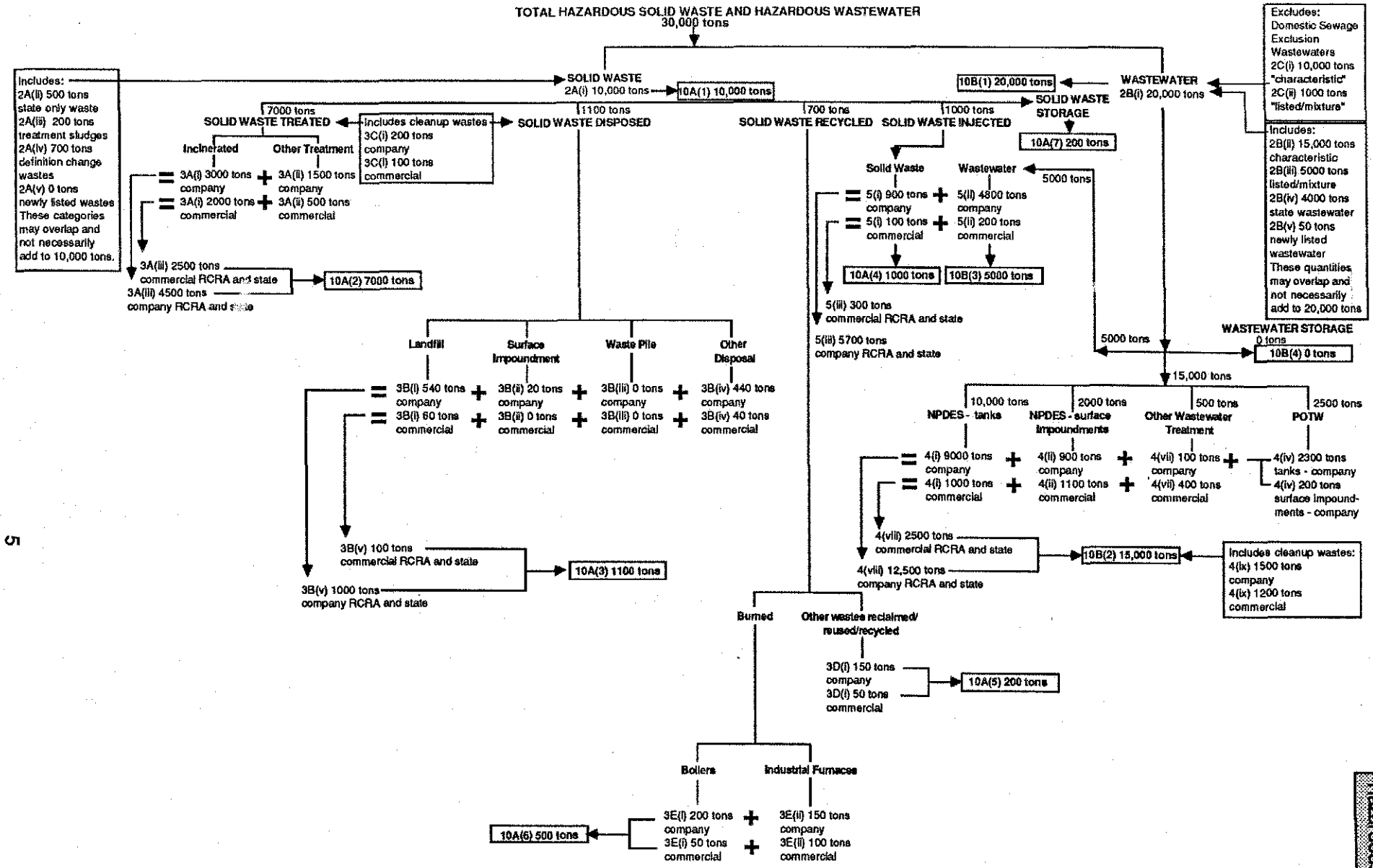
Most questions request a quantity (in tons) as your response. If the appropriate quantity for your plant is zero (0), please write a zero (0) to indicate your response. You will be contacted to clarify blank responses where ambiguous. Therefore, please be thorough in responding to each question.

Avoid Double-Counting

Wastes are categorized for the questionnaire according to the given instructions. This categorization can be confusing and lead to double-counting of waste quantities if not followed exactly.

In order to help you avoid double-counting (and having to contact you for clarification), there is a **calculation checksheet** (section 10) to check that your calculations balance for major categories (generation, treatment, disposal, recycling, underground injection, storage). Please complete the calculation checksheet to verify that your numbers balance.

On the back of this page **is an example diagram** of how hazardous waste quantities are categorized and how they should balance.



NOTE: Numbers and letters in front of wastes quantities refer to section numbers in survey.

EXAMPLE DIAGRAM OF HOW WASTES MAY BE CATEGORIZED FOR THIS SURVEY

INSTRUCTIONS

1. PLANT DESCRIPTION

A. Plant Classification

It is CMA's intent that **only 2800 Industry** plants respond to this questionnaire. A 2800 industry is defined by the Bureau of Census as any plant whose largest source of revenue is from the manufacture of SIC 2800 products. If you are not a 2800 industry plant, please notify your company coordinator.

SIC codes starting with 28 as the first two digits represent manufacturing of "Chemicals, Allied Products." Refer to the list of codes below in order to answer the question.

2812	Alkalies and Chlorine Industrial Gases	2844	Perfumes, Cosmetics, Toilet Preps.
2813	Industrial Gases	2851	Paints, Varnishes, Lacquers
2816	Inorganic Pigments	2861	Gum and Wood Chemicals
2819	Misc. Industrial Inorganic Chemicals	2865	Cyclic Crudes and Intermediates
2821	Plastics Materials, Synthetic Resins	2869	Misc. Industrial Organic Chemicals
2822	Synthetic Rubber	2873	Nitrogenous Fertilizers
2823	Cellulosic Man-Made Fibers	2874	Phosphatic Fertilizers
2824	Synthetic Organic Fibers	2875	Fertilizers, Mixing Only
2831	Biological Products	2879	Misc. Pesticides and Agric. Chems.
2833	Medicinal Chemicals, Botanical Products	2891	Adhesives and Sealants
2834	Pharmaceutical Preparations	2892	Explosives
2841	Soap and Other Detergents	2893	Printing Ink
2842	Specialty Cleaning, Polishing	2895	Carbon Black
2843	Surface Active and Finishing Agents	2899	Misc. Chemicals and Chemical Preps.

B. Plant Location

A list of codes for states is given below. Enter the appropriate code for the state in which your plant is located.

State	Code	State	Code	State	Code	State	Code	State	Code
Alabama	01	Hawaii	12	Michigan	23	North Carolina	34	Utah	45
Alaska	02	Idaho	13	Minnesota	24	North Dakota	35	Vermont	46
Arizona	03	Illinois	14	Mississippi	25	Ohio	36	Virginia	47
Arkansas	04	Indiana	15	Missouri	26	Oklahoma	37	Washington	48
California	05	Iowa	16	Montana	27	Oregon	38	West Virginia	49
Colorado	06	Kansas	17	Nebraska	28	Pennsylvania	39	Wisconsin	50
Connecticut	07	Kentucky	18	Nevada	29	Rhode Island	40	Wyoming	51
[illegible]ware	08	Louisiana	19	New Hampshire	30	South Carolina	41	Virgin Islands	52
Wash., DC	09	Maine	20	New Jersey	31	South Dakota	42	Puerto Rico	53
Florida	10	Maryland	21	New Mexico	32	Tennessee	43		
Georgia	11	Massachusetts	22	New York	33	Texas	44		

Date Entered:		CMA Code No:
Data Checked:		1986 CMA Hazardous Waste Survey

QUESTIONS

1. PLANT DESCRIPTION

Indicate your plant's primary 2800 SIC code and the state in which your plant is located.

A. SIC Code ___ ___ ___ ___ [1]

B. State ___ ___ [2]

INSTRUCTIONS

2. WASTE GENERATION DATA

A. Solid Waste - Listed, Characteristic, Mixture, and State

Do **not** include **wastewater**. For the purpose of this survey, wastewaters are defined to be wastes that are treated by an **NPDES** permitted treatment plant, **pretreated** before discharge to a Publicly-Owned Treatment Works (**POTW**), **wastewaters** that are **disposed by underground injection**, or any other **aqueous** waste which you would classify as a wastewater.

Since there is no regulatory categorization for **underground injected** wastes as wastewaters or solid wastes, these wastes may be counted as **wastewaters or solid** wastes, whichever is the common description at your facility. If you consider an underground injected waste as a solid waste, then it should be included in this section.

Recyclable Wastes

Prior to 1985, **recyclable** wastes were exempted from full regulation at 40 **CFR** 261.6(a). However, due to the change in solid waste definition (see explanation on page 10), many of these wastes are now subject to some regulation. Review the current regulations at 40 **CFR** 261.6 and 40 **CFR** 266 to be sure that you correctly **include** these recyclable wastes which were regulated in 1986.

Listed RCRA Solid Wastes

RCRA listed solid wastes are specifically identified by Subpart D of 40 **CFR** 261: "Each hazardous waste listed in this Subpart is assigned an EPA Hazardous Waste Number which precedes the name of the waste." Any hazardous waste generated by your plant which can be defined by one of these numbers should be included in responding to this question. Also, **include** RCRA listed wastewater treatment sludges or **sludges** resulting from the treatment of RCRA listed wastes. Do **not** include the following:

- RCRA listed wastewaters
- RCRA listed wastes which are not subject to full regulations under the provisions of 40 **CFR** 261.5 (conditionally exempt small generator), or 40 **CFR** 261.6(a)(3) (selected recycled wastes)
- Delisted wastes
- Mixtures of listed hazardous wastes and other solid wastes

Characteristic RCRA Solid Wastes

RCRA hazardous characteristic wastes exhibit one or more of the characteristics identified in Subpart C of 40 **CFR** 261. **Include** RCRA hazardous **characteristic** wastewater treatment **sludges**. Do **not** include the following:

- RCRA hazardous characteristic wastewaters
- RCRA hazardous characteristic wastes which are not subject to full regulations under the provisions of 40 **CFR** 261.5, or 40 **CFR** 261.6(a)(3)
- RCRA listed wastes included above

Mixture RCRA Solid Wastes

A RCRA mixture waste is a mixture of a solid waste and one or more listed wastes. This mixture should also meet a definition of hazardous waste in 40 **CFR** Subpart A 261.3(a)(iii) and (iv). Also, **include** RCRA **mixture** wastewater treatment **sludges**. Do **not** include the following:

- RCRA mixture wastewaters
- RCRA mixture wastes which are not subject to full regulations under the provisions of 40 **CFR** 261.5, or 40 **CFR** 261.6(a)(3)
- RCRA listed or characteristic waste included above

State Solid Wastes

RCRA allows states to adopt more expansive definitions or listings of hazardous wastes than those adopted by the federal government. In responding to this question, consider **additional** materials generated by your plant which were considered to be hazardous wastes **only** by the state in which your plant is located. Remember to **include** all wastewater treatment **sludges** considered hazardous by your state. Do **not** include the following:

- Wastewaters determined hazardous by your state
- Any of the hazardous wastes reported above

CMA Code No:
1986 CMA Hazardous Waste Survey

QUESTIONS

2. WASTE GENERATION DATA

A. Solid Waste

(i) Indicate the **total** quantity of solid hazardous waste (**RCRA and state**) generated at your plant during the 1986 calendar year, **excluding** hazardous **wastewater** and wastewaters which were underground injected.

___,___,___ tons
[3]

NOTE: If your answer to 2A(i) is zero, please proceed to Section 2B.

(ii) Indicate the quantity of solid waste generated at your plant which was considered hazardous by **state** regulations only, **excluding** state **wastewater** and wastewaters which were underground injected.

___,___,___ tons
[4]

(iii) Indicate the quantity of all solid hazardous wastewater treatment **sludges** (**RCRA and state**) which is counted in 2A(i) above (this includes listed, characteristic, and mixture RCRA and state sludges).

___,___,___ tons
[5]

CMA Code No.
1986 CMA Hazardous Waste Survey

INSTRUCTIONS

2. WASTE GENERATION DATA

A. Solid Waste - Listed, Characteristic, Mixture, and State

Revisions to Solid Waste Definition

On January 4, 1985, EPA changed the definition of solid waste promulgated at 40 **CFR** 261.2. The broadened definition now includes many materials which were not formerly considered as solid waste because they are recycled, reused, and/or reclaimed (including for energy recovery). As adopted or effective in your state, this change in definition may significantly increase the reported waste quantities in 1986 as compared to the preceding years before 1985. In answer to **question 2A(iv)**, please indicate the quantity of waste which is reported in this survey which is due to this definition change alone.

The quantity of waste which you report due to the definition change is the quantity that was generated after the revision became effective in your state. Do not extrapolate the actual quantity generated after the effective date to the entire calendar year of 1986 if the revision was effective for only a portion of 1986.

Newly Listed Wastes

On October 23, 1985, the hazardous waste listings for **K111, K112, K113, K114, K115, and K116** were added to 40 **CFR** 261.32, **effective April 23, 1986.** On February 13, 1986, the hazardous waste listings for **K117, K118, and K136** were added to 40 **CFR** 261.32, **effective August 13, 1986.** In answer to **question 2A(v)**, please indicate the quantity of solid hazardous waste which is reported in this survey in 2A(i) which is due to these waste additions alone. If any of the wastes listed below are considered **wastewaters** at your facility and meet the survey's definition of wastewater, **do not include** these quantities in Section 2A. The **newly listed** wastes which are **wastewaters** will be accounted for in **Section 2B.**

The quantity of solid waste which you report in Section 2A due to these changes is the quantity that was generated after the additions became effective in your state. Do not extrapolate the actual quantity generated after the effective date to the entire calendar year of 1986.

NEWLY LISTED SOLID WASTE AND WASTEWATER - EFFECTIVE IN 1986

K111 - Product washwaters from the production of dinitrotoluene via nitration of toluene.
K112 - Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene.
K113 - Condensed liquid light ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.
K114 - Vicinals from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.
K115 - Heavy ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.
K116 - Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine.
K117 - Wastewater from the reactor vent gas scrubber in the production of ethylene dibromide via bromination of ethene.
K118 - Spent adsorbent solids from purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.
K136 - Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.

QUESTIONS

2. WASTE GENERATION DATA

A. Solid Waste

(iv) Indicate the quantity of solid hazardous waste reported in question 2A(i) which is a result of the January 1985 regulatory change in the **definition of solid waste**.

___ ___ ___, ___ ___ ___, ___ ___ ___ tons
[6]

(v) Indicate the quantity of solid hazardous waste reported in question 2A(i) which is a result of a waste being **newly listed** by EPA for the first time, effective in 1986. (Refer to newly listed wastes on page 10 of the survey.)

___ ___ ___, ___ ___ ___, ___ ___ ___ tons
[7]

NOTE: If there are significant changes in your responses from the 1985 survey which are NOT a result of the revised solid waste definition or newly listed wastes, please add a BRIEF COMMENT for explanation.

INSTRUCTIONS

2. WASTE GENERATION DATA

B. Wastewater

Definition of Wastewater

For the purposes of this survey, wastewaters are **defined** to be wastes that are treated by an **NPDES** permitted treatment plant, **pretreated** before discharge to a Publicly-Owned Treatment Works (**POTW**), **wastewaters** that are **disposed by underground injection**, or any other **aqueous** waste that you consider a wastewater.

Characteristic and Listed Wastewaters

Of the total **RCRA and state** wastewater, indicate how much are **characteristic** wastewaters and how much are **listed** wastewaters (or mixtures of wastewater with listed hazardous wastewater). If a wastewater is a listed waste or a mixture of a waste with a listed waste, but also exhibits a hazardous characteristic(s), the wastewater should be counted only in the listed quantity; **do not double-count** this type of wastewater in the characteristic category. Characteristic hazardous wastes are defined in Subpart C of 40 **CFR** 261. Listed hazardous wastes are specifically identified by Subpart D of 40 **CFR** 261.

Excluded Wastes

Do **not** include in your wastewater quantities any wastes which you consider **solid** wastes that were **underground injected** since these wastes have been accounted for in Section 2A. Also, do **not** include wastewaters which are exempted from full regulations under the provisions of 40 **CFR** 261.3(a)(iv) (**mixture rule**), 261.5 (**small generator**), or those excluded by the **Domestic Sewage Exclusion** (40 **CFR** 261.4(a)(1)(ii). The Domestic Sewage Exclusion exempts only those wastewaters that are discharged directly to a POTW without any treatment or storage.

State Wastewaters

RCRA allows states to adopt more expansive definitions or listings of hazardous wastewaters than those adopted by the federal government. In responding to this question, consider **additional** materials generated by your plant which were considered to be hazardous wastewaters **only** by the **state** in which your plant is located. Be sure to include state hazardous wastewater fitting the survey definition of wastewater.

Newly Listed Wastes

On October 23, 1985, the hazardous waste listings for **K111, K112, K113, K114, K115, and K116** were added to 40 **CFR** 261.32, **effective April 23, 1986.** On February 13, 1986, the hazardous waste listings for **K117, K118, and K136** were added to 40 **CFR** 261.32, **effective August 13, 1986.** If any of these wastes **listed on page 10** of the survey are considered **wastewaters** at your facility and meet the survey's definition of wastewater, indicate this quantity in **question 2B(v).**

The quantity of wastewater which you report in Section 2B due to these changes is the quantity that was generated after the additions became effective in your state. Do not extrapolate the actual quantity generated after the effective date to the entire calendar year of 1986.

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QUESTIONS

2. WASTE GENERATION DATA

B. Wastewater

Indicate the **total** quantity of all **RCRA and state** hazardous wastewater and underground injected wastewaters (this includes listed, characteristic, and mixture hazardous wastewater) generated at your plant during calendar year 1986. Of this total, indicate the quantity that is **characteristic** hazardous wastewater and the quantity that is **listed** hazardous wastewater. If a wastewater is a listed waste, but also has hazardous characteristics, include it only in the listed category below. If a wastewater is a **mixture** of a waste and a listed waste, include it in the listed category.

(i) Total RCRA and state wastewater __ __ __, __ __ __, __ __ __ tons [8]

(ii) Characteristic RCRA and state wastewater __ __ __, __ __ __, __ __ __ tons [9]

(iii) Listed/mixture RCRA and state wastewater __ __ __, __ __ __, __ __ __ tons [10]

Indicate the quantity of all hazardous wastewater and underground injected wastewaters generated at your plant which was considered hazardous **only** by the **state**, and not under RCRA.

(iv) State only wastewaters __ __ __, __ __ __, __ __ __ tons [11]

Indicate the quantity of hazardous wastewater reported in question 2B(i) which is a result of a waste being **newly listed** by EPA for the first time, effective in 1986. Refer to newly listed wastes on page 10 of the survey.

(v) Newly listed wastewater __ __ __, __ __ __, __ __ __ tons [12]

NOTE: DEFINITION OF WASTEWATER - For this survey, wastewaters are defined to be wastes that are treated by an NPDES permitted treatment plant, pretreated before discharge to a POTW, wastewaters that are disposed by underground injection, or any other aqueous waste that you consider a wastewater.

INSTRUCTIONS

2. WASTE GENERATION DATA

C. Domestic Sewage Exclusion (40 CFR 261. 4(a)(1)(ii))

(Note: Do **not include** the Domestic Sewage Exclusion waste quantity **in Section 2B(i) - (v).**)

On August 22, 1986, the EPA published an Advance Notice of Proposed Rulemaking (ANPR) regarding possible regulatory changes to the Domestic Sewage Exclusion (51 **Federal Register** 30166). CMA believes, that due to flaws in the EPA data base and methodologies, the Agency has seriously overestimated the quantities of hazardous constituents discharged to POTWs by the chemicals industry. CMA believes that most wastewaters discharged to POTWs under the Domestic Sewage Exclusion would be hazardous based on characteristic rather than listed wastes. Characteristic wastes can be treated to a nonhazardous state and controlled by the general and specific prohibited discharge standards (40 **CFR** 403.5(a) and 403.5(b)). The information you provide here will augment EPA's data base and support CMA's position that the Domestic Sewage Exclusion should be retained.

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QUESTIONS

2. WASTE GENERATION DATA

C. Domestic Sewage Exclusion

Indicate the quantity of wastewater that would be a **listed** or **characteristic** hazardous wastewater if it were not excluded from RCRA regulation by the **Domestic Sewage Exclusion**. If a wastewater would be a listed waste (without the exclusion), but also would have hazardous characteristics, include it only in the listed category below. If a wastewater would be a **mixture** of a waste and a listed waste, include it in the listed category. Remember, the wastewaters that are excluded from RCRA regulation by the Domestic Sewage Exclusion should not be counted in your hazardous wastewater quantities in 2B(i)-(v).

(i) "Characteristic" RCRA and state Domestic Sewage Exclusion wastewater __ __ __, __ __ __, __ __ __ tons [13]

(ii) "Listed/mixture" RCRA and state Domestic Sewage Exclusion wastewater __ __ __, __ __ __, __ __ __ tons [14]

NOTE: If your answer to 2B(i) is zero, then proceed to Section 6 if your facility generated hazardous wastes for any period after November 1980. If your facility has never generated hazardous wastes, complete sections 8 and 9, then return the survey.

NOTE: Wastewaters that fall under the DOMESTIC SEWAGE EXCLUSION are NOT HAZARDOUS wastes; please do not include the quantities reported in Section 2C in questions 2B(i)-(v). The information you provide here will help CMA comment on any rulemaking effort on retainment of the DOMESTIC SEWAGE EXCLUSION.

INSTRUCTIONS

3. HAZARDOUS SOLID WASTE - TREATMENT AND DISPOSAL

Indicate the primary SIC code(s) for the processes generating hazardous solid waste which were treated. Space for up to three SIC codes is provided; you may list more as necessary.

A. Treatment - Hazardous Solid Waste

Your response should be divided according to the method and location categories provided. If, for example, your facility did not incinerate hazardous waste on-site, place a zero (0) in the far right space for that category. Please note the following points when responding to this question:

Wastewater Excluded

Wastewater quantities should **not** be **included** in response to this question. These wastes will be accounted for in Sections 4 and 5.

Underground Injection Excluded

Underground injection wastes are those injected through a bored, drilled, or driven well; or through a dug well, where the depth of the dug well is greater than the largest surface dimension. Underground injection quantities should **not** be **included** in response to this question; these wastes will be accounted for in Section 5.

Subsurface Injection Excluded

Subsurface injection wastes are those injected below the surface of the ground and which do not meet the definition of underground injection wastes (for example, landfarming wastes). Subsurface injection wastes should **not** be **included** in this section as treated wastes; they are accounted for in Section 3B under waste disposal.

Incineration and Treatment Residues Excluded

Any hazardous residue from incineration or other treatment which was separately disposed of should **not** be **included** in your response to avoid double-counting. For example, if an incineration residue was still considered hazardous and was landfilled, that landfilled quantity is not included in Section 3A, but rather in Section 3B.

Recyclable Wastes Burned in Boilers and Industrial Furnaces

Do **not include** any recyclable wastes which were legitimately **burned in boilers** or **industrial furnaces** (wastes which had a heating value **greater than 5000 Btus per pound**); these wastes are accounted for in Section 3E. If the waste was burned in a boiler, but had a heating value **less than 5000 Btus** per pound, **include** the waste **under incineration** in Section 3A.

Other Recyclable Wastes Excluded

Do **not include** any other recycled/reused/reclaimed wastes which were handled as **recyclable materials** at 40 CFR 261.6 or 40 CFR 266; these wastes are accounted for in Section 3D. Please note that this **separation of all recyclable materials from section 3A** is a change from the 1985 survey.

Fuel Blenders Included - Less Than 5000 Btus per Pound

If a waste with a heating value **less than 5000 Btus** per pound was sold to a commercial facility for burning, it should be listed under the **incineration** category of this section.

Treatment to Nonhazardous Level

Wastes which received treatment should be considered **only if such treatment rendered the waste nonhazardous.** Do **not include** waste quantities which were treated and rendered **less hazardous**; such wastes were still subject to full regulation and should be reported in Section 3B or Section 5. For the purposes of this survey, **incineration** is considered a **treatment** method, rather than a disposal method.

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QUESTIONS

3. HAZARDOUS SOLID WASTE - TREATMENT AND DISPOSAL

A. Treatment - Hazardous Solid Waste

Indicate the primary SIC code(s) for processes generating hazardous solid waste requiring treatment:

2 8 __ __ [15] 2 8 __ __ [16] 2 8 __ __ [17]

Indicate the quantity of RCRA and state hazardous solid waste treated under the following categories during the calendar year 1986. Do **not include** burning in **boilers or industrial furnaces** of wastes with **greater than 5000 Btus/lb**, other **recyclable** wastes, **wastewater**, **underground injection** wastes (solid or wastewater), or hazardous residues from incineration or other treatment.

	On-Site and Off-Site Company-Owned Facilities ("as is" tons)	Commercial ("as is" tons)
(i) Incineration*	__ __ __, __ __ __, __ __ __ [18]	__ __ __, __ __ __, __ __ __ [19]
(ii) Other	__ __ __, __ __ __, __ __ __ [20]	__ __ __, __ __ __, __ __ __ [21]
(circle applicable treatment - chemical, physical, biological, thermal, solidification, detonation, other (please specify)_____) [22]		
(iii) Total RCRA and state wastes for Section 3A	__ __ __, __ __ __, __ __ __ [23]	__ __ __, __ __ __, __ __ __ [24]

* This includes wastes with less than 5000 Btus/lb that were burned in boilers or industrial furnaces.

NOTE: Certain waste types are EXCLUDED from this section. Please read the instructions carefully.

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INSTRUCTIONS

3. HAZARDOUS SOLID WASTE - TREATMENT AND DISPOSAL

Indicate the primary SIC code(s) for the processes generating hazardous solid waste requiring disposal. Space for up to three SIC codes is provided; you may list more as necessary.

B. Disposal - Hazardous Solid Waste

Your response should be divided according to the method and location categories provided. If, for example, your facility did not landfill hazardous waste on-site, place a zero (0) in the far right space for that category. Please note the following points when responding to this question:

Wastewater Excluded

Wastewater quantities should **not be included** in response to this question. These wastes will be accounted for in Section 4 and Section 5.

Underground Injection Excluded

Underground injection wastes are those injected through a bored, drilled, or driven well; or through a dug well, where the depth of the dug well is greater than the largest surface dimension. Underground injection quantities should **not be included** in response to this question; these wastes will be accounted for in Section 5.

Subsurface Injection Included

Subsurface injection wastes are those injected below the surface of the ground and which do not meet the definition of underground injection wastes (for example, landfarming wastes). These wastes should be **included** in this section.

Surface Impoundments

Whether materials were being treated, stored, or disposed of in a surface impoundment may involve close questions of judgment. Please try to avoid double-counting. **Generally**, materials were disposed of in an impoundment if the owner or operator intended that the **materials were to remain there upon closure.**

Waste Piles

As with surface impoundments that may have been used either for storage or disposal, judgment must be exercised regarding materials placed on waste piles. Please try to avoid double-counting.

Hazardous Incineration and Treatment Residues Included

Any **hazardous residue** from incineration or other treatment which was disposed should be **included** in Section 3B (if these residues remained hazardous after treatment, they should not have been counted in Section 3A). For example, if an incineration residue was still considered hazardous and was landfilled, that landfilled quantity is not included in Section 3A, but rather in Section 3B.

Recyclable Wastes Burned in Boilers and Industrial Furnaces

Do **not include** any recyclable wastes which were legitimately **burned in boilers** or **industrial furnaces** (wastes which had a heating value **greater than 5000 Btus per pound**); these wastes are accounted for in Section 3E.

Other Recyclable Wastes Excluded

Do **not include** any other recycled/reused/reclaimed wastes which were handled as **recyclable materials** at 40 **CFR** 261.6 or 40 **CFR** 266; these wastes are accounted for in Section 3D.

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QUESTIONS

3. HAZARDOUS SOLID WASTE - TREATMENT AND DISPOSAL

B. Disposal - Hazardous Solid Waste

Indicate the primary SIC code(s) for processes generating hazardous solid waste requiring disposal:

2 8 __ __ [25] 2 8 __ __ [26] 2 8 __ __ [27]

Indicate the quantity of RCRA and state hazardous solid waste disposed under the following categories during the calendar year 1986. Do **not include** burning **in boilers or industrial furnaces** of wastes with **greater than 5000 Btus/lb**, other **recyclable** wastes, **wastewater**, or **underground injection** wastes (solid or wastewater).

	On-Site and Off-Site Company-Owned Facilities ("as-is" tons)	Commercial ("as-is" tons)
(i) Disposed of in landfill	__ __, __ __ __, __ __ __ [28]	__ __, __ __ __, __ __ __ [29]
(ii) Disposed of in surface impoundment	__ __, __ __ __, __ __ __ [30]	__ __, __ __ __, __ __ __ [31]
(iii) Disposed of in waste pile	__ __, __ __ __, __ __ __ [32]	__ __, __ __ __, __ __ __ [33]
(iv) Other disposal	__ __, __ __ __, __ __ __ [34]	__ __, __ __ __, __ __ __ [35]

(circle applicable disposal - biological, landfarm, other (please specify_____) [36]

(v) Total RCRA and state waste for Section 3B	__ __, __ __ __, __ __ __ [37]	__ __, __ __ __, __ __ __ [38]

NOTE: Certain waste types are EXCLUDED from this section. Please read the instructions carefully.

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INSTRUCTIONS

3. HAZARDOUS SOLID WASTE - TREATMENT AND DISPOSAL

C. Site Cleanup - Hazardous Solid Waste

In this section, please indicate any wastes **previously reported** in Sections 3A or 3B which were the result of RCRA, CERCLA, or other remedial action.

D. Reclaimed/Reused/Recyclable Materials - Hazardous Solid Waste

Excluding **Wastes Burned in Boilers and IndustrialFurnaces**

Prior to 1985, **recyclable** wastes were exempted from full regulation at 40 **CFR** 261.6(a). However, due to the change in solid waste definition (see explanation on page 10), many of these wastes are now subject to some regulation. Review the current regulations at 40 **CFR** 261.6 and 40 **CFR** 266 to be sure that you correctly include these recyclable waste which were regulated in 1986.

Indicate the quantity of waste reported in Section 2A(i) which was handled as a recyclable waste at 40 **CFR** 261.6 and 40 **CFR** 266, **excluding** any waste that was **burned in a boiler or industrial furnace** (wastes with greater than 5000 Btu/lb heating value that were burned are accounted for in Section 3E).

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QUESTIONS

3. HAZARDOUS SOLID WASTE - TREATMENT AND DISPOSAL

C. Site Cleanup - Hazardous Solid Waste

Indicate the waste quantity counted in Sections 3A or 3B which were the result of RCRA, CERCLA, or other remedial action.

	On-Site and Off-Site Company-Owned Facilities ("as-is" tons)	Commercial ("as-is" tons)
(i) Total RCRA and state site cleanup wastes	___,___,___ [39]	___,___,___ [40]

D. Reclaimed/Reused/Recyclable Materials - Hazardous Solid Waste

***Excluding* Wastes Burned in Boilers and IndustrialFurnaces**

Indicate the waste quantities counted in Section 2A(i) which were handled as recyclable wastes under 40 **CFR** 261.6 or 40 **CFR** 266, **excluding** wastes that were **burned in boilers or industrial furnaces.**

	On-Site and Off-Site Company-Owned Facilities ("as-is" tons)	Commercial ("as-is" tons)
(i) Total RCRA and state other wastes reclaimed/ reused/recovered, excluding wastes burned in boilers or industrial furnaces	___,___,___ [41]	___,___,___ [42]

INSTRUCTIONS

3. HAZARDOUS SOLID WASTE - TREATMENT AND DISPOSAL

E. Hazardous Waste Burned in Boilers and Industrial Furnaces

In the 1984 CMA Hazardous Waste Survey, survey respondents were asked the amount of hazardous waste burned in boilers which was exempt from the general facilities standards because it was burned for energy recovery. This question was deleted from the 1985 CMA Hazardous Waste Survey. On May 6, 1987, however, EPA **proposed** extensive **regulations** for the burning of hazardous waste in boilers and industrial furnaces (52 **FR** 16982). The proposed regulations would: (1) control emissions of toxic organic compounds, toxic metals, and hydrogen chloride; (2) subject owners and operators to general facility standards; and (3) subject hazardous waste fuel storage units at burner facilities to 40 **CFR** 264 permit standards.

In this 1986 survey, CMA is attempting to compile **data** which will be **helpful to CMA's advocacy on EPA's proposal**. The questions in this section are designed to parallel the proposed regulation. Although the results will not be available at the close of the comment period for the proposal (July 6, 1987), CMA plans to submit supplemental comments to EPA based on the results of these questions.

Quantities Burned in Boilers and Industrial Furnaces

In March 1983, EPA developed a *sham* recycling enforcement policy that considered the burning of low heating value hazardous waste (<5000 - 8000 Btu/lb) in a boiler or industrial furnace as incineration and subject to regulations under the incinerator standards of Subpart O of Parts 264 or 265 (see 40 **CFR** 260.10 for the defintion of *boiler* and *industrial furnace*). In this questionnaire, as in past surveys, burning of any waste with **less than 5000 Btu/lb** heating value was counted as **incineration in Section 3A.** EPA's proposed regulations would apply to burning in boilers or industrial furnaces irrespective of the heating value, however, to be consistent with applicable regulations in 1986 and past surveys, only include waste quantities in Sections 3E(i) and (ii) if the heating value was greater than 5000 Btu/lb.

Proposed Exemption of Small Quantity (*de minimis*) On-Site Burners (52 FR 17034)

The questions in Section 3E(iii) are designed to assess the number of units impacted by EPA's proposal and the number of boilers that may qualify for the *de minimis* exemption. Under the column, ***Total Burning Hazardous Waste***, for both boilers and industrial furnaces, indicate the total number of boilers and industrial furnaces, respectively, that burn hazardous waste on-site in each size category (million Btu/hr). Under the column, ***Total Meeting Hazardous Waste Limit***, for boilers, indicate the number of boilers in each size category that meet all of these requirements: (1) burn less than the proposed hazardous waste limit (gallons/month) shown under the column, *Hazardous Waste Limit*; (2) the hazardous waste is less than 1 percent of the total volume of fuel burned; and (3) do not burn any wastes containing or derived from these listed wastes - F020, F021, F022, F023, F026, or F027.

Proposed Waiver of Trial Burn - (52 FR 17036)

The requirements in Section 3E(iv) - (viii) are designed to assess the number of boilers and industrial furnaces burning hazardous waste that may qualify for a waiver from a trial burn. In 3E(iv) - (viii), indicate the number of boilers and industrial furnaces, respectively, that satisfy each requirement. In 3E(ix), indicate the number of boilers and industrial furnaces that satisfy **all** requirements of 3E(iv) - (viii). In 3E(x) - (xii), indicate the number of boilers and industrial furnaces that meet the given operating conditions. In 3E(xiii), indicate the number of boilers and industrial furnaces for which an approved trial burn has been conducted.

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QUESTIONS

3. HAZARDOUS SOLID WASTE - TREATMENT AND DISPOSAL

E. Hazardous Waste Burned in Boilers and Industrial Furnaces

Quantities Burned in Boilers and Industrial Furnaces

Indicate the waste quantities counted in Section 2A(i) that had a heating value of 5000 Btu/lb or more which were burned in boilers or industrial furnaces.

	On-Site and Off-Site Company-Owned Facilities ("as-is" tons)	Commercial ("as-is" tons)
(i) RCRA and state wastes burned in boilers	___,___,___ [43]	___,___,___ [44]
(ii) RCRA and state wastes burned in industrial furnaces	___,___,___ [45]	___,___,___ [46]

Proposed Exemption of Small Quantity (*de minimis*) On-Site Burners (52 FR 17034)

(iii) Number of on-site boilers or industrial furnaces		On-Site Boilers		On-Site Industrial Furnaces
Unit Size (million Btu/hr)	Hazardous Waste Limit* (gal/mo)	Total Burning Hazardous Waste	Total Meeting Hazardous Waste Limit*	Total Burning Hazardous Waste
0.4-1.5	7	__ __ [47]	__ __ [48]	__ __ [49]
>1.5-10	13	__ __ [50]	__ __ [51]	__ __ [52]
>10-50	26	__ __ [53]	__ __ [54]	__ __ [55]
>50-150	55	__ __ [56]	__ __ [57]	__ __ [58]
>150-400	100	__ __ [59]	__ __ [60]	__ __ [61]
>400	300	__ __ [62]	__ __ [63]	__ __ [64]

* In addition to the gallon/month limit, the volume of hazardous waste fuel must be less than 1 percent of the total volume of fuel burned, and these wastes cannot be burned - F020, F021, F022, F023, F026, or F027.

Proposed Waiver of Trial Burn - (52 FR 17036)

Please indicate the number of units with the following characteristics.

	On-Site Boilers	On-Site Industrial Furnaces
(iv) Fired with >50% fossil fuel based on total heat input *and* total volume input,	__ __ [65]	__ __ [66]
(v) Operated at >25% rated heat capacity	__ __ [67]	__ __ [68]
(vi) Fossil fuel/waste mixture > 8000 Btu/lb	__ __ [69]	__ __ [70]
(vii) Atomization directly into flame zone	__ __ [71]	__ __ [72]
(viii) Do not burn F020, F021, F022, F023, F026, or F027 wastes	__ __ [73]	__ __ [74]
(ix) Number of units satisfying (iv) - (viii) above	__ __ [75]	__ __ [76]
(x) Continuous CO monitoring	__ __ [77]	__ __ [78]
(xi) Continuous O_2 monitoring	__ __ [79]	__ __ [80]
(xii) Utilizing Air Pollution Control Device (APCD)	__ __ [81]	__ __ [82]
(xiii) Approved trial burn has been conducted	__ __ [83]	__ __ [84]

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INSTRUCTIONS

4. HAZARDOUS WASTEWATER - TREATMENT

For the purpose of this survey, **wastewaters** are all wastes treated by an **NPDES** permitted treatment plant, **pretreated** before discharge to a Publicly Owned Treatment Works (**POTW**), wastewaters which are underground injected, and any other **aqueous** waste which you consider a wastewater. A POTW is any device or system used in the treatment of municipal sewage or industrial waste of a liquid nature which is owned by a *State* or *municipality*.

In this section, do **not** include hazardous wastewaters which were **underground injected**; these wastewaters are accounted for in Section 5. Do **not** include wastewaters which were discharged directly to a POTW without treatment; these wastewaters were not hazardous wastes under the **Domestic Sewage Exclusion**. In this section, you are asked only for wastewater quantities which were treated by an NPDES facility, pretreated prior to discharge to a POTW, or any other aqueous waste which was not underground injected or discharged directly to a POTW.

Please note that any **residue** from treatment or pretreatment of wastewater which was separately disposed of should **not** be **included** in your response to this question to avoid double-counting. These residues are counted as solid hazardous waste in Sections 2 and 3.

Indicate the primary SIC code(s) for the processes generating hazardous wastewater requiring treatment. Space for up to 3 SIC codes is provided; you may list more as necessary.

Your response should be divided according to the method and location categories provided. If, for example, your facility did not treat hazardous wastewater entirely in tanks at an on-site facility, place a zero (0) in the far right-hand space for that category.

Under **site cleanup**, indicate the quantity of the total RCRA and state hazardous wastewater that was the result of RCRA, CERCLA, or other remedial action. The quantity of site cleanup wastewater should also be included in the quantities reported under NPDES, POTW pretreatment, or other treatment facilities.

NOTE:	Do NOT INCLUDE wastewaters which are UNDERGROUND INJECTED or RESIDUES from treatment or pretreatment of wastewater. Do NOT INCLUDE wastewaters that are discharged directly to a POTW without treatment; these wastewaters are not hazardous wastes under the DOMESTIC SEWAGE EXCLUSION.

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QUESTIONS

4. HAZARDOUS WASTEWATER - TREATMENT

Indicate the primary SIC code(s) for processes generating hazardous wastewater requiring treatment:

2 8 __ __ [85] 2 8 __ __ [86] 2 8 __ __ [87]

Indicate the quantity of RCRA and state hazardous wastewater (**excluding underground injection** quantities and hazardous **treatment residues** disposed separately) treated under the following categories during the calendar year 1986.

	On-Site and Off-Site Company-Owned Facilities ("as-is" tons)	Commercial ("as-is" tons)
NPDES Facility		
(i) In tanks only	___,___,___ [88]	___,___,___ [89]
(ii) Whole or partially in impoundments	___,___,___ [90]	___,___,___ [91]
(iii) Number of tanks	___ [92]	
POTW Facility (wastewaters pretreated at your facility)		
Note: Do **not** include wastewaters discharged directly to a POTW without treatment. These wastewaters are not hazardous wastes under the **Domestic Sewage Exclusion.**		
(iv) In tanks only	___,___,___ [93]	
(v) Whole or partially in impoundments	___,___,___ [94]	
(vi) Number of tanks	___ [95]	
Other		
(vii) (please circle treatment - chemical, incineration, biological, physical, recovery, solar evaporation, other_____)	___,___,___ [96]	___,___,___ [97] [98]
Totals		
(viii) Total RCRA and state wastewater for Section 4	___,___,___ [99]	___,___,___ [100]
Site Cleanup (waste quantity should also be included in above categories as applicable)		
(ix) Site cleanup wastewater	___,___,___ [101]	___,___,___ [102]

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INSTRUCTIONS

5. UNDERGROUND INJECTION

Underground injection of hazardous wastes means the injection of wastes through a bored, drilled, or driven well; or through a dug well, where the depth of the dug well is greater than the largest surface dimension. In this section, **include** both **solid** waste and **wastewater** quantities in your response. There is no regulatory requirement that wastes which are underground injected be classified only as wastewaters or only as solid wastes. Therefore, quantify the underground injected wastes generated at your facility using the description common at your facility (i.e., solid waste or wastewater).

Indicate the primary SIC code(s) for the processes generating hazardous wastes which required underground injection. Space for up to 3 SIC codes is provided; you may list more as necessary.

Your response should be divided according to the categories provided. If, for example, your facility did not underground inject state hazardous waste on-site, place a zero (0) in the right-hand space for that category. Please double-check to see that the solid waste and wastewater underground injected quantities equal the quantity of RCRA and state hazardous waste combined which are reported in this section.

NOTE: INCLUDE both SOLID and WASTEWATER quantities in this section.

QUESTIONS

5. UNDERGROUND INJECTION

Indicate the primary SIC code(s) for processes generating hazardous wastes requiring underground injection:

2 8 __ __ [103] 2 8 __ __ [104] 2 8 __ __ [105]

Indicate the quantity of RCRA and state hazardous waste disposed of by underground injection under the following categories during the calendar year 1986.

	On-Site and Off-Site Company-Owned Facilities ("as-is" tons)	Commercial ("as-is" tons)
(i) Solid waste	__ __, __ __ __, __ __ __ [106]	__ __, __ __ __, __ __ __ [107]
(ii) Wastewater	__ __, __ __ __, __ __ __ [108]	__ __, __ __ __, __ __ __ [109]
(iii) Total RCRA and state waste for Section 5	__ __, __ __ __, __ __ __ [110]	__ __, __ __ __, __ __ __ [111]

INSTRUCTIONS

6. WASTE MINIMIZATION

In 1984, with the reauthorization of RCRA, requirements to document waste minimization practices were included for the first time. Industry may need to provide solid evidence of progress in waste minimization to avoid mandatory waste minimization legislation in 1989. The data obtained from this survey represent a solid base of information from which to compare data from subsequent years, allowing CMA to pinpoint trends and forecast new developments.

Comparison of 1986 hazardous waste generation, treatment, and disposal given in Sections 2 through 5 (normalized to a production basis) with previous survey years provides an overall view of hazardous waste minimization. However, comparison on this basis can give an incomplete picture of waste minimization efforts. For example, a significant decrease in waste generation from one process can be obscured by an increase in another process or the addition of newly defined hazardous wastes (such as when EPA broadened the definition of solid waste in 1985).

This section of the survey is designed to supplement the data in Sections 2 through 5. It asks for information on general waste minimization practices, quantities of waste reduced, and waste reduction methods. Waste reduction information is requested on a project basis to overcome the obscuring effect of looking only at overall facility generation, treatment, and disposal.

A. Management Practices for Hazardous Waste Minimization

Generators are required to certify on their hazardous waste manifests that they have in place a program to reduce the volume or quantity and toxicity of hazardous waste to the degree determined by the generator to be economically practicable. The same certification is required in relation to any new permit issued for treatment, storage, or disposal of hazardous waste. Questions 1 - 13 are specific to the required hazardous waste minimization program, and management practices which may be part of the program.

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QUESTIONS

6. **WASTE MINIMIZATION**

A. <u>Management Practices for Hazardous Waste Minimization</u>

	Yes	No
1. Does your **company** have an active, written **Hazardous Waste Minimization program**?[112]	___	___
2. If your **company** has an active, written **Hazardous Waste Minimization program** how long has it been in effect?[113] __ 1 year or less __ 2 years __ 3 years __ 4 years __ 5 years __ > 5 years		
3. Does your **facility** have an active, written **Hazardous Waste Minimization program**?[114]	___	___
4. Does your **facility** collect data to **monitor waste generation rates** and measure progress towards waste minimization?[115]	___	___
5. Does your **facility** conduct **waste audits** on a periodic basis?[116] Frequency is: __ 6 months or less __ 1 year __ 2 years __ > 2 years [117]	___	___
6. Are employees encouraged to identify waste minimization opportunities?[118]	___	___
7. Does your **facility train** employees on the benefits and cost savings associated with practicing and identifying waste minimization opportunities?[119]	___	___

8. Has your **facility** employed **raw material** modification or substitution, or **end product modification or substitution** to reduce the volume or toxicity of hazardous waste generated (for example, purified raw material, changes in auxiliary raw materials, solvent-based cleaners to water- based cleaners, product substitution, elimination of cadmium in plating operations)?[120]
   __ new practice __ investigated, but not implemented
   __ on-going effort __ not considered
9. Has your **facility** undergone any **process modifications** to reduce the volume or toxicity of hazardous waste generated (for example, changes in catalysts, process conditions, process materials, process control, equipment modification)?[121]
   __ new practice __ investigated, but not implemented
   __ on-going effort __ not considered
10. Does your **facility** practice **waste stream segregation** to reduce the volume of hazardous waste generated?[122]
   __ new practice __ investigated, but not implemented
   __ on-going effort __ not considered
11. Has your **facility** utilized the services of a **waste exchange or waste broker** to minimize the amount of hazardous waste to be treated, stored, or disposed?[123]
   __ new practice __ investigated, but not implemented
   __ on-going effort __ not considered
12. Does your **facility** practice **good housekeeping or good management practices** as a form of waste minimization (for example, inventory control, spill/leak prevention, scheduling improvements?[124]
   __ new practice __ investigated, but not implemented
   __ on-going effort __ not considered

	Yes	No
13. Does your **facility** use any **other waste reduction or minimization** practices not listed above?[125] Please specify below:	___	___

_____

_____

_____[126]

INSTRUCTIONS

6. WASTE MINIMIZATION

B. Production Basis

Production data can be used to normalize hazardous waste quantities in different production years so that waste minimization progress can be determined on some equivalent basis. For example, a process manufactured 200 million tons of product in 1985 and generated 20 tons of hazardous waste. The same process in 1986 produced 350 tons of product and 25 tons of hazardous waste. On a unit of waste per unit of product generated, waste generation was reduced from 0.1 tons waste/ton product in 1985 to 0.071 tons waste/ton product in 1986.

CMA recognizes the **confidentiality** of production information, and for this reason, is requesting the data on a normalized basis that will **not require actual production numbers**. The **base year** is chosen as **1985** and you are to assign your 1985 production levels a value of 1.0 (with the one exception, Case 3, shown in the examples below). The production level for 1986 should then be given as the ratio of 1986 levels to 1985. 1985 will be the base year for all waste minimization survey information in the future. You should keep records of your production calculations for 1985 to aid you in completing these surveys because future changes in processes and waste generation may require modification of your base year calculations for 1985.

The only processes that should be included in your calculation of normalized production levels for 1985 and 1986 are those that have **generated hazardous wastes**. Because your facility may have had changes in processes and waste generation from 1985 to 1986, the examples given below are to help you calculate the production bases for different situations you may have encountered.

EXAMPLE CASES FOR NORMALIZED PRODUCTION CALCULATIONS

Case 1: Three processes generated hazardous waste in 1985. The same three processes are run at the facility in 1986. There are no additional processes in 1986 that generate hazardous waste.

1985 production = 2 + 3 + 6 = 11 million tons — **1985** hazardous waste = 1 + 3 + 4 = 8 tons
1986 production = 3 + 1 + 8 = 12 million tons — **1986** hazardous waste = 1 + 0 + 5 = 6 tons
Production basis for 1985 = 1.0; 1986 = 12/11 = 1.09
Note: Even though one of the processes generating hazardous waste in 1985, did not generate any hazardous waste in 1986, its production is still included in the 1986 quantity.

Case 2: Three processes generated hazardous waste in 1985. Only two of the three processes are run at the facility in 1986. There are no additional processes in 1986 that generate hazardous waste.

1985 production = 2 + 3 + 6 = 11 million tons — **1985** hazardous waste = 1 + 3 + 4 = 8 tons
1986 production = 3 + 1 = 4 million tons — **1986** hazardous waste = 1 + 3 = 4 tons
Production basis for 1985 = 1.0; 1986 = 4/11 = 0.36

Case 3: There are no processes generating hazardous waste in 1985. A new process is added in 1986 that generates hazardous waste.

1985 production = 0 million tons — **1985** hazardous waste = 0 tons
1986 production = 3 million tons — **1986** hazardous waste = 1 ton
Production basis for 1985 is **not applicable**; base year is 1986 = 1.0.

Case 4: Only one process generates hazardous waste in 1985. The process is dropped in 1986 and no other hazardous waste is generated at the facility.

1985 production = 2 million tons — **1985** hazardous waste = 1 ton
1986 production = 0 million tons — **1986** hazardous waste = 0 tons
Production basis for 1985 = 1.0 ; 1986 = 0/1 = 0.

Case 5: Three processes generated hazardous waste in 1985. The same three processes and one new process are run at the facility in 1986. All processes generate hazardous waste in 1986.

1985 production = 2 + 3 + 6 = 11 million tons — **1985** hazardous waste = 1 + 3 + 4 = 8 tons
1986 production = 3 + 1 + 8 + 4 = 16 million tons — **1986** hazardous waste = 1 + 1 + 5 + 2 = 9 tons
Production basis for 1985 = 1.0; 1986 = 16/11 = 1.45

Case 6: Two of three processes generated hazardous waste in 1985. The same three processes are run at the facility in 1986 and all processes generate hazardous waste in 1986.

1985 production = 2 + 3 + 6 = 11 million tons — **1985** hazardous waste = 1 + 3 + 0 = 4 tons
1986 production = 3 + 1 + 8 = 12 million tons — **1986** hazardous waste = 1 + 1 + 5 = 7 tons
Production basis for 1985 = 1.0; 1986 = 12/11 = 1.09
Note: The one process that generated hazardous waste only in 1986 is still included in the 1985 production quantity.

QUESTIONS

6. WASTE MINIMIZATION

B. Production Basis

	1985	1986
Total production of all processes **generating hazardous wastes** expressed as a ratio of 1986 production to 1985 production. Assume that 1985 production = 1.0 (unless Case 3 on page 30 applies to your facility - in that case put *Not Applicable* (N/A) for 1985 and 1.0 for 1986).	[127]	[128]

NOTE: The example calculations for production basis on the opposite page may be helpful to you in completing question 6B.

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INSTRUCTIONS

6. WASTE MINIMIZATION

C. Waste Reduction Projects

Although waste reduction includes both reduction in volume and toxicity, this section only addresses **reduction in volume** since evaluation techniques of toxicity reduction are complex and toxicity reduction cannot be quantified in a straightforward manner. **Reduction through treatment** (other than recycling/reuse/reclamation and burning in boilers or industrial furnaces) are also **not included in this section** since they are summarized in Section 3A.

In the following paragraphs, instructions are given for completion of each section of the waste reduction table.

Types of Wastes Reduced

Wastes are to be reported in four separate categories. There are two major types of wastes - **solid wastes** and **wastewaters**; these are subdivided into **characteristic** and **listed** wastes. For the purposes of this report, a hazardous wastewater is defined as waste which is treated by an NPDES permitted treatment plant, pretreated before discharge to a Publicly-Owned Treatment Works (POTW), wastewaters which are disposed of by underground injection, and any other aqueous waste which you consider a wastewater. In the case of underground injection, you should make your own judgement as to whether or not a hazardous waste is more properly reported as a solid waste or wastewater. Do **not include** any wastewater which was discharged directly to a POTW without treatment since these **wastewaters** are **excluded** from hazardous waste regulations **by the Domestic Sewage Exclusion**.

List those wastes generated in 1986 that were effectively reduced by minimization project(s) started any time after the beginning of 1981. Do not include hazardous wastes from remedial actions such as cleanup of contaminated soils from spills/leaks or recovered groundwater.

Quantity of Waste Reduced

Report the quantity of waste reduced in **as-is tons** for each of the hazardous waste types identified in the table. The quantity reduced is the 1986 generation in tons per year minus the tons per year prior to initiation or implementation of the waste reduction project.

For example, if the plant generated 100 tons of methylene chloride still bottoms in 1983 and 50 tons in 1986, and the plant achieved this reduction by installing a new, more efficient distillation system, then the waste reduction quantity would be 50 tons per year.

Or if a tire plant used organic solvents to provide the "tack" to make the green tire components adhere to each other and generated 175 tons of solvent waste in 1981, and then modified the process to provide the necessary adherent properties in the rubber itself and thus generated zero solvent wastes in 1986, then the waste reduction quantity would be 175 tons per year.

Primary Waste Reduction Code

Only the primary method of waste reduction is requested. If you feel that several of the methods you used in a particular waste reduction project were equally effective, then split the waste reduction equally and report each portion under a separate method. For example, product substitution and equipment modification were equally effective in achieving a waste reduction of 100 tons per year. Enter 50 tons reduced primarily by product substitution and 50 tons by equipment modification in the table on two separate lines.

If the waste minimization technique used is none of those listed, please describe and enter the letter "j" in the waste reduction code space for each specific waste to which the method or methods are applied.

Project Inititation/Completion

Since the hazardous waste regulations mainly began to impact facilities in November 1980, the year of waste reduction project **initiation** is **limited to the beginning of 1981**. Project completion can be any year after 1981 (and beyond 1986). However, your answers for tons reduced must reflect what has been **achieved by 1986**, which will represent less than 100 percent of the waste reduction goal in a waste reduction project scheduled for completion after 1986.

QUESTIONS

6. WASTE MINIMIZATION

C. Waste Reduction Projects (duplicate this sheet if you need additional entries)

Please summarize waste reduction projects which have reduced hazardous wastes at your facility since the beginning of 1981. The projects should include only those affecting hazardous wastes (RCRA and state) and which have a waste reduction effect in 1986.

Wastes Affected[1] [129]	Waste Reduction Tons per Year[2] [130]	Primary Reduction Method[3] [131]	Year of Project Initiation[4] [132]	Year of Project Completion[5] [133]
_____	__ __,__ __ __,__ __ __	____	_____	_____
_____	__ __,__ __ __,__ __ __	____	_____	_____
_____	__ __,__ __ __,__ __ __	____	_____	_____
_____	__ __,__ __ __,__ __ __	____	_____	_____
_____	__ __,__ __ __,__ __ __	____	_____	_____
_____	__ __,__ __ __,__ __ __	____	_____	_____
_____	__ __,__ __ __,__ __ __	____	_____	_____

Total Tons Reduced** __ __,__ __ __,__ __ __ [134]

1 Category of waste affected should be selected from the following:
- a. **Characteristic** hazardous **solid** waste
- b. **Listed** hazardous **solid** waste
- c. **Characteristic** hazardous **wastewater**
- d. **Listed** hazardous **wastewater**

2 Calculated as the difference between the waste produced (tons per year) before implementing the project and the 1986 waste production (tons per year) for each waste type-reduction code combination.

3 Reduction code should be selected from the following. Select only one per line entry above:
- a. Housekeeping and improved handling procedures
- b. Product substitution
- c. Raw material substitution
- d. Equipment modification
- e. Process modification
- f. On-site recycling/reuse/reclamation
- g. On-site burning in boilers/industrial furnaces
- h. Off-site recycling/reuse/reclamation
- i. Off-site burning in boilers/industrial furnaces
- j. Other (please describe below)

_____

Note: Treatment methods such as incineration, chemical/physical, biological, and thermal treatment are not listed here since they are summarized by Section 3A.

4 Enter the year the project was initiated or implemented, not the year planned or proposed. Do not consider projects that were initiated prior to 1981.

5 Enter the year the project was or will be completed (the year of completion can be after 1986).

** Total Hazardous Solid Waste and Wastewater Generated in **1985** (tons) __ __,__ __ __,__ __ __ [135]

Total Hazardous Solid Waste and Wastewater Generated in **1986** (tons) __ __,__ __ __,__ __ __ [136]

If the difference between the 1985 and 1986 hazardous waste generation is more than twice the above total tons reduced, please explain:

_____

_____ [137]

INSTRUCTIONS

7. 90 - DAY ACCUMULATION EXEMPTION - TANKS AND CONTAINERS

On July 14, 1986 (51 **Federal Register** 25487), EPA published an Advance Notice of Proposed Rulemaking (ANPRM) on the 90-day accumulation exemption for on-site tanks and containers. Current regulations allow generators to accumulate hazardous waste on-site in tanks or containers for up to 90 days without obtaining a permit or meeting financial responsibility requirements. As stated in the ANPRM, EPA is now reconsidering this exemption for accumulation in tanks, and possibly containers. EPA also requested data for on-site tanks and containers to aid in the Agency's consideration of options to the exemption (including retaining the exemption as it now exists).

The data requested in this section should reflect **current conditions** at your facility, **not** for the **1986** calendar year (however, they may be the same or only slightly changed from 1986).

Permit Status

Unless a generator has a permit (operating, post-closure) issued after enactment of the 1984 amendments to RCRA (November 8, 1984) or interim status for other TSD units, the generator is not subject to corrective action requirements of RCRA section 3004(u) or 3008(h) with respect to any waste releases from tanks or containers that are used for less than 90-day accumulation. Since EPA believes that the potential for release resulting from these accumulation facilities is probably the same for permitted storage facilities due to the high throughput of wastes, EPA is concerned that the risk of waste releases may not be properly addressed under the current regulatory scheme for permit-exempted tanks and containers. To define the extent of such *non-regulated* facilities, EPA has requested data on the permit status of generators with less than 90-day accumulation tanks and containers.

In answering this question, **five possible permit conditions** are considered: **(1)** having any permit issued after November 8, 1984; **(2)** having all current permits issued before November 8, 1984; **(3)** having interim status; **(4)** having a permit or interim status only for storage units (greater than 90 days), and; **(5)** not having interim status or any permit. Indicate all conditions that are applicable, however, please note that some conditions cannot exist at the same time. For example, you cannot have any permit issued after November 8, 1984 and still have all current permits issued before that date. You can have, however, all current permits issued before November 8, 1984 and have only storage permits.

Less Than 90-Day Accumulation Tanks

Information should be given on the total number of less than 90-day accumulation tanks and the total volume they represent. The total number of tanks should then be broken down into the given size ranges.

Less Than 90-Day Accumulation Containers

Information should be given on the total number of less than 90-day accumulation containers, the average volume these containers (combined) typically accumulate in 90 days before they are shipped off-site for treatment or disposal, and the number of container accumulation areas.

Satellite Accumulation

EPA is also interested in the risk of potential waste releases from satellite accumulation areas. Currently, a generator may accumulate, without a permit or interim status, **up to 55 gallons** of hazardous waste (**or one quart of acutely** hazardous waste) in containers **at satellite areas** where wastes are initially generated, prior to being removed to a central accumulation or storage area. Waste may be accumulated up to these limits for an **indefinite period of time** at these initial (satellite) accumulation areas. Indicate the total number of satellite areas at your facility and those only for 1-quart acutely hazardous wastes.

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QUESTIONS

7. 90 - DAY ACCUMULATION EXEMPTION - TANKS AND CONTAINERS

Permit Status

Please check **all applicable permit conditions** for all hazardous waste units (not only tanks and containers) at your facility:

___	Permits issued **after November 8, 1984**	[138]
___	All permits issued **before November 8, 1984**	[139]
___	**Interim** status	[140]
___	All permits or interim status for **storage only** units	[141]
___	**No** permits or interim status	[142]

Less Than 90 - Day Accumulation Tanks

Indicate the number and **total** volume of tanks that currently are used to accumulate hazardous wastes at your facility for less than 90 days.

	Number of Tanks	Total Volume (gallons)
Less than 90-day accumulation tanks	___ [143]	___,___,___ [144]

Indicate the number of tanks in each size range that currently are used to accumulate hazardous wastes at your facility for less than 90 days. The sum of all the tanks in each size range should equal the total number of tanks above.

	Number of Tanks	Size Range (gallons)
Size range of less than 90-day accumulation tanks	___ [145]	0 - 1000 gallons
	___ [146]	>1000 - 5000 gallons
	___ [147]	>5000 - 10,000 gallons
	___ [148]	>10,000 gallons

Less Than 90 - Day Accumulation Containers

For containers that currently are used to accumulate hazardous wastes at your facility for less than 90 days, indicate the number of containers accumulation areas, and the total number of containers and **average** total volume accumulated during a typical 90-day period.

	Total Number of Container Areas	Total Number of Containers	Average Total 90-Day Volume (gallons)
Less than 90-day accumulation containers	___ [149]	___ [150]	___,___,___ [151]

Satellite Accumulation

Indicate the number of satellite accumulation areas at your facility where wastes are **initially generated prior to being removed to a central accumulation or storage area.** (Accumulation in each satellite area is restricted to 55 gallons of hazardous waste or one quart of acutely hazardous waste.)

	Total Number of Satellite Accumulation Areas	Number of 1-Quart Satellite Accumulation Areas
Number of satellite accumulation areas	___ [152]	___ [153]

INSTRUCTIONS

8. OTC - ORGANIC TOXICITY CHARACTERISTIC

EPA proposed to expand the toxicity characteristic it uses for identifying hazardous wastes that are subject to the regulatory requirements of Subtitle C of RCRA (51 **Federal Register** 21648). The proposal would add thirty-eight new organic constituents and assign a regulatory concentration level to each constituent so that if **a wastewater or an extract of a solid waste** contains any of the constituents above the regulatory concentration level, it would be a RCRA hazardous waste. The proposed **OTC concentrations** are provided in the **table at the bottom of the page.**

CMA believes that EPA's Regulatory Impact Analysis (RIA) of the proposed OTC is incorrect and grossly underestimates the economic impacts of the expanded list of hazardous wastes. EPA has underestimated the number of impacted plants because the Agency has not included the number of additional regulated units at plants which already have other regulated units. EPA made a single conceptual oversight - while the toxicity characteristic clearly applies to aqueous liquids (wastewaters) as well as traditional solid wastes, the RIA bases its identification of impacted facilities and costs of compliance with the proposed regulations strictly on wastes which are landfilled or incinerated. CMA is requesting data through this survey to **assess the impact of the proposed OTC on the chemical industry** since the collection of CMA member companies that responds to the survey is a good, representative sample of the entire industry.

Current Conditions

Evaluate the impact of the proposed OTC based on current conditions, not the 1986 calendar year.

Point of Application of the OTC Concentration Level

Identification of process wastewaters as hazardous wastes impacted by the proposed OTC is highly dependent upon the location within the wastewater treatment system at which the toxicity characteristic is applied. EPA regulations at 40 **CFR** 261 and the proposed OTC do not identify the point in a treatment system at which a waste should be tested to identify it as hazardous by the toxicity characteristic. Historically, however, EPA and state permitting and enforcement staffs, have required such testing at the influent to treatment units, including both tanks and surface impoundments. Although CMA does not agree with this approach, in order to be **conservative** should EPA continue with its approach, you should evaluate your management units on the basis of their **influent concentrations.**

Newly Impacted Waste Management Units

Consider only those units which would be newly impacted by the proposed OTC. Exclude those facilities which currently handle hazardous wastes.

Treatment/Disposal

Since wastes which are not currently defined as hazardous, but would be under the proposed OTC, are not likely handled by hazardous waste facilities, you will have to project (anticipate) where you would treat/dispose of the waste should it be defined as hazardous.

Basis of Impact Evaluation

Indicate whether your impact analysis is based on actual waste analyses or knowledge of the process.

Proposed Organic Toxicity Characteristic Concentrations, mg/L (51 Federal Register 21685)

acrylonitrile..... 5.0	1,1-dichloroethylene.....0.1	phenol..... 23.0**
benzene..... 0.07	2,4-dinitrotoluene..... 0.13	pyridine..... 5.0
bis(2-chloroethyl)ether..... 0.05	endrin.....0.003	1,1,1,2-tetrachloroethane..... 10.0
carbon disulfide.....14.4	heptachlor..... 0.001	1,1,2,2-tetrachloroethane..... 1.3
carbon tetrachloride.....0.07	hexachlorobenzene..... 0.13	tetrachloroethylene.....0.1
chlordane.....0.03	hexachlorobutadiene..... 0.72	2,3,4,6-tetrachlorophenol.....1.5
chlorobenzene..... 1.4	hexachloroethane..... 4.3	toluene..... 14.4
chloroform..... 0.07	isobutanol..... 36.0	toxaphene..... 0.07
o-cresol*.....10.0	lindane..... 0.06	1,1,1-trichloroethane.....30.0
m-cresol*.....10.0	methoxychlor..... 1.4	1,1,2-trichloroethane.....1.2
p-cresol*..... 10.0	methylene chloride..... 8.6	trichloroethylene..... 0.07
2,4-D..... 1.4	methyl ethyl ketone..... 7.2	2,4,5-trichlorophenol..... 5.8
1,2-dichlorobenzene..... 4.3	nitrobenzene..... 0.13	2,4,6-trichlorophenol..... 0.3
1,4-dichlorobenzene.....10.8	pentachlorophenol.....3.6	2,4,5-TP (silvex).....0.14
1,2-dichloroethane..... 0.4		vinyl chloride.....0.05

*o-,m-, and p-cresol concentrations are added together and compared to a threshold of 10.0 mg/L.

**EPA's number in proposed table (14.4 mg/L) was a calculation error. 23 mg/L is correct.

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QUESTIONS

8. OTC - ORGANIC TOXICITY CHARACTERISTIC

Indicate the quantities of solid waste and wastewater that would be **newly defined** as hazardous (**excluding wastes currently defined as hazardous**) according to the OTC concentration levels proposed by EPA (refer to the table on the opposite page). State if your answers are based primarily on waste analyses or knowledge of the process. Indicate the number and type of waste **management units** that would be **newly impacted** by the proposed OTC (**excluding current hazardous waste management units**).

	Anticipated On-Site and Off-Site Company-Owned Facilities	Anticipated Commercial Facilities
A. Solid Waste		
(i) Solid waste ("as-is" tons)	__ __, __ __ __, __ __ __ [154]	__ __, __ __ __, __ __ __ [155]

(ii) The above answer is based **primarily** on:

Waste analyses, **or** ___ [156]
Knowledge of the process ___ [157]

(iii) Number of solid waste management units newly impacted by proposed OTC

Incinerators	__ __ __ [158]
Landfills	__ __ __ [159]
Tanks	__ __ __ [160]
Impoundments	__ __ __ [161]
Waste piles	__ __ __ [162]
Land treatment units	__ __ __ [163]
Underground injection wells	__ __ __ [164]
Other (specify below)	__ __ __ [165]

_____ [166]

B. Wastewater		
(i) Wastewater ("as-is" tons)	__ __, __ __ __, __ __ __ [166]	__ __, __ __ __, __ __ __ [167]

(ii) The above answer is based **primarily** on:

Waste analyses, **or** ___ [168]
Knowledge of the process ___ [169]

(iii) Number of wastewater management units newly impacted by proposed OTC

Incinerators	__ __ [170]
Tanks	__ __ __ [171]
Impoundments	__ __ __ [172]
Land treatment units	__ __ __ [173]
Underground injection wells	__ __ __ [174]
Other (specify below)	__ __ __ [175]

_____ [176]

INSTRUCTIONS

9. CORRECTIVE ACTION

The Hazardous and Solid Waste Amendments of 1984 greatly expanded authorities under RCRA for requiring corrective action for releases of hazardous waste and constituents at facilities that manage hazardous wastes. A generator that has interim status or has been issued a permit after enactment of the 1984 amendments (November 8, 1984) is subject to corrective action requirements of RCRA section 3004(u) or 3008(h). Conversely, if a generator has a permit issued prior to November 8, 1984 (which has not been re-opened after that date) or is a *generator only*, the generator is not subject to corrective action requirements.

EPA has proposed, or is considering proposing, regulations that may bring such *exempted* generators into the permitting system and therefore, subject to corrective action requirements. Examples of such proposals or Agency considerations are the Organic Toxicity Characteristic (OTC) (Section 8 of the survey) and the exemption for less than 90-day accumulation tanks and containers (Section 7 of the survey). For this reason, CMA is requesting **information** in this section from **all generators**, even those that are currently not subject to corrective action requirements.

Concurrent with this survey effort, CMA is conducting a major study to demonstrate to EPA and Congress that the corrective action program, if strictly and broadly implemented, will affect many solid waste management units at terrific costs to the chemical industry. The study will attempt to develop cost estimates of various cleanup remedies at various types of sites and to apply these estimates to the aggregate number of waste management units of CMA members that are likely to be subject to corrective action. CMA will argue from this that EPA should develop a reasonable, flexible program that does not require cleanup at every site by incineration of all contaminated materials. Therefore, **your response to this question is essential to show the very large economic impact** of the corrective action program.

To protect the **confidentiality of the information** you supply us, all data will remain coded and data for all the survey respondents will be aggregated so that corrective action problems at individual facilities cannot be identified. Your response will not be exchanged or reviewed by other CMA member company personnel. If you have any other concerns about confidentiality, please call **Ken Kastner**, CMA's assistant **general counsel**, at **202/887-1160.**

All Survey Participants Requested to Answers these Questions

Even if your facility is not subject to corrective action requirements or it has *generator only* status or has had all its hazardous waste permits issued prior to November 8, 1984, please complete this survey section for **non-regulated** units (non-regulated under RCRA). Also, if all your permits have been issued before November 8, 1984, complete both sections for **regulated** (under RCRA) and **non-regulated** units as applicable. Generators who are currently subject to corrective action requirements should complete each section as applicable. Evaluate the need for corrective/remedial action as internal assessment or agency identification.

Number of Units

You should indicate the total number of units as well as the number requiring corrective action for both regulated and unregulated waste management units. Both the total number and corrective action numbers should include active as well as inactive (or closed) units.

Permit Status - Regulated Units

For all units regulated under the hazardous waste regulations, indicate the number of units requiring corrective action in the permitted (before and after November 8, 1984) and interim status categories.

Surface Area/Affected Area

For landfills, surface impoundments, land treatment units, and waste piles, report the surface area in acres of all active and inactive units. For all other types of units, report the land area in acres that would be subject to corrective action.

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QUESTIONS

9. CORRECTIVE ACTION

Indicate for the different types of facilities below, both regulated and non-regulated (*non-regulated* under hazardous waste regulations): the total number of units; the number and size that are, or are expected to be subject to corrective action that will require physical remediation; and the permit status of the regulated units (the number that have interim status and those that are permitted). Also, indicate whether the corrective action determination is the result of internal assessment by your facility and/or if corrective action has been determined by a regulatory agency.

Regulated Units

	Total Number	Units Identified or Expected to Require Corrective Action: Corrective Action Number	Permit Status: I	Permit Status: P	Ident.: Int.	Ident.: Ag.	Surface Area/Affected Area*	
Example	*1 0*	*5*	*4*	*1*	*x*	*x*	*, 2 0*	acre
Landfill							,	acre
Impoundment							,	acre
Land treatment							,	acre
Waste pile							,	acre
Incinerator							,	acre
Tank (above ground)							,	acre
Tank (underground)							,	acre
Container storage							,	acre
Injection wells							,	acre
Transfer stations							,	acre
Recycling units							,	acre
Spill areas							,	acre
	[177] [178]	[179]	[180]	[181]	[182]	[183]	[184]	

*For landfills, surface impoundments, land treatment units, and waste piles, report the surface area of the active/inactive units. For all others, report the land area that would be subject to corrective action.

Non-Regulated Units (*non-regulated* under hazardous waste regulations)

	Total Number	Units Identified or Expected to Require Corrective Action: Corrective Action Number	Identification: Internal	Identification: Agency	Surface Area/Affected Area*	
Landfill					,	acre
Impoundment					,	acre
Land treatment					,	acre
Waste pile					,	acre
Incinerator					,	acre
Tank (above ground)					,	acre
Tank (underground)					,	acre
Container storage					,	acre
Injection wells					,	acre
Transfer stations					,	acre
Recycling units					,	acre
Spill areas					,	acre
	[185] [186]	[187]	[188]	[189]	[190]	

INSTRUCTIONS

10. OVERALL CHECKSHEET

The purpose of this checksheet is to verify that the sum of all waste quantities balance correctly. The check is made for both hazardous solid wastes and hazardous wastewaters. The entries for the checksheet are referenced directly to the appropriate section number, for example, *2A(i)*.

If your waste quantities do not balance on the checksheet, this means that you have double-counted or omitted waste quantities in the individual sections, and you will need to re-check the numbers in these sections.

The basic formula for the checksheet is:

SOLID WASTE

Storage = Generation - Treatment - Disposal
- Underground Injected - Reclaimed/Reused/Recyclable
- Burned in Boilers and Industrial Furnaces

WASTEWATER

Storage = Generation - Treatment - Underground Injected

The value for **storage** in the above equations should be zero unless you actually had wastes left in storage as of December 31, 1986. If you had **no wastes left in storage** at the end of 1986 and storage ≠ zero in the above equation, then you have not subdivided your hazardous wastes quantities correctly in the individual sections of this survey. In this case, you should review your calculations and make the necessary corrections so that the equation balances. If you did have **wastes left in storage** at the end of 1986, please check the value you calculate for storage in the above equation to see if it matches available storage records at your facility or is a reasonable estimate of the actual quantity in storage.

Also, to help you understand how to derive the checksheet numbers from your survey answers, please refer to the diagram on page 5.

CMA Code No:

1986 CMA
Hazardous Waste Survey

QUESTIONS

10. OVERALL CHECKSHEET

A. Solid Waste

1. Solid waste generated, [2A(i)] ___,___,___ tons [191]

2. Solid waste treated, row total for RCRA and state, [3A(iii)] {___,___,___} tons [192]

3. Solid waste disposed, row total for RCRA and state, [3B(v)] {___,___,___} tons [193]

4. Solid waste injected, row total, [5(i)] {___,___,___} tons [194]

5. Other solid waste recycled, row total [3D(i)] {___,___,___} tons [195]

6. Solid waste burned in boilers or industrial furnaces row totals, [3E(i) plus 3E(ii)] {___,___,___} tons [196]

7. Subtract lines 2,3,4,5,&6 from line 1:
In storage (as of 12/31/86) ___,___,___ tons [197]

If you did not have any solid wastes which were generated in 1986 and left in storage as of December 31,1986, then line 7 should be equal to zero. If it is not, then please re-check your solid waste quantities in sections 2,3, and 5.

If you had solid waste which was generated in 1986 and left in storage as of December 31, 1986, please check that the value on line 7 matches storage records for your facility, or is a reasonable estimate of the quantity of 1986 solid wastes left in storage.

B. Wastewater

1. Wastewater generated, [2B(i)] ___,___,___ tons [198]

2. Wastewater treated, row total for RCRA and state, [4(viii)] {___,___,___} tons [199]

3. Wastewater injected, row total, [5(ii)] {___,___,___} tons [200]

4. Subtract lines 2 & 3 from line 1
In storage (as of 12/31/86) ___,___,___ tons [201]

If you did not have any wastewater which was generated in 1986 and left in storage as of December 31,1986, then line 4 should be equal to zero. If it is not, then please re-check your wastewater quantities in sections 2,4, and 5.

If you had wastewater which was generated in 1986 and left in storage as of December 31, 1986, please check that the value on line 4 matches storage records for your facility, or is a reasonable estimate of the quantity of 1986 wastewaters left in storage.

CONGRATULATIONS! If your checksheet balances, proceed to GO and collect $250.
If not, please recheck your quantities in Sections 2 - 5.

1985

CMA HAZARDOUS WASTE SURVEY

CONFIDENTIAL INFORMATION

Parent company name E.I. Dupont De Nemours & Co.

Subsidiary name —

Plant name and address P&EP Plant
Cheesequake Rd.
Parlin, NJ.
(ZIP) 08859

EPA identification no. NJD002440 24

Contact name E. L. Brennan

Title Environmental Manager

Telephone Number 201-257-4600 ext. 1478

We encourage you to make a thorough and complete response to this questionnaire. CMA staff and CMA's contractor, Tischler/Kocurek (TK), will be reviewing your responses and contacting you to clarify any ambiguities. The confidential information will not be released to anyone outside CMA or TK.

Please call Dianna Kocurek of TK, Round Rock, Texas, at 512/244-9058 if you have any questions regarding this questionnaire.

CMA Code No. _____
(to be assigned by TK)

INTRODUCTION

ASSURANCE OF CONFIDENTIALITY

Each plant will be assigned a unique code number. The code number will be written on the bottom right-hand corner of the cover page and on the front of the survey. This code system will be used by TK to assure the confidentiality of all responses. When the complete questionnaires are received, they will be coded and checked for completeness and clarity. The cover sheets will then be removed and locked in a confidential file to maintain anonymity. Thus, the survey can be processed without reference to the responding facility. Following completion of the project, CMA will instruct TK to destroy the cover sheets to preserve complete confidentiality. CMA and TK have carefully established this system for your protection in the belief that the responses to this questionnaire will be more candid and complete once the respondent has been assured of confidentiality. Please contact Janet Matey at CMA to inquire about confidentiality or intent of this project. Her telephone number is 202/887-1174.

INTRODUCTORY NOTE

The Chemical Manufacturers Association needs accurate and complete information about generation and disposition of hazardous waste by the chemical industry. CMA needs this information for legislative and rulemaking advocacy, for evaluation of the Environmental Protection Agency's ongoing regulatory impact analyses, and for analyzing industry-wide trends. Our goal is to establish a comprehensive in-house data base by continuing this survey on an annual basis.

Obtaining consistent information from each member plant is made more difficult because of the complexity of the "definitional" sections of EPA's hazardous waste management regulations. We recognize that the diversity within the chemical industry may create uncertainty in interpretation of waste regulations on a plant-by-plant basis. This questionnaire employs the broad definition of "waste" contained in 40 CFR 261.

The newly listed wastes and the revised definition of solid waste which impacted recyclable materials will impact this year's survey. The 1984 survey, since it reflected hazardous waste practices in1984, did not address the revised definition and newly listed wastes.

GENERAL INSTRUCTIONS

Please pay close attention to the instructions accompanying the questions that follow. These instructions attempt to clarify the terms used in the questions. A careful review of the definitions and notes included in the instructions is necessary if accurate, complete, and comparable data are to be obtained.

Many of the questions are interrelated; therefore, read all the questions before beginning. This will save you time by avoiding recalculation of waste quantities which may be asked for in a subsequent question.

Some questions provide an "other"-category for unique situations. If you use this category, please signify (briefly) what "other" represents. Please write your explanation at the bottom of the question page, noting which question your comment addresses.

Avoid Double-Counting

Wastes are categorized for the questionnaire according to the given instructions. This categorization can be confusing and lead to double-counting of waste quantities if not followed exactly.

In order to help you avoid double-counting (and having to contact you for clarification), calculation checks are provided throughout the questionnaire. Also, there is an overall worksheet (section 7) to check that your calculations balance for major categories (generation, treatment, disposal, recycling, underground injection, storage).

Attachments - Regulations

For your convenience, several of the regulatory citations and forms which are referenced in the survey, are included in the attachment to this survey.

NOTE: Avoid DOUBLE- COUNTING. Please complete calculation checks where indicated and overall worksheet in Section 7.

QUESTIONS

1. PLANT DESCRIPTION

Indicate your plant's primary 2800 SIC code, the state in which your plant is located, and the plant employment (excluding facilities described in the instructions on pg. 6).

A.	SIC Code	____ (3861)
B.	State	31
C.	Employment	1048

QUESTIONS

2. WASTE GENERATION DATA

A. Solid Waste

(i) Indicate the total quantity of solid hazardous waste (RCRA and state) generated at your plant during the 1985 calendar year, excluding hazardous wastewater and wastewaters which were underground injected.

___,___,__57 tons

NOTE: If your answer to 2A(i) is zero, please proceed to Section 2B.

(ii) Indicate the quantity of solid waste generated at your plant which was considered hazardous by state regulations only, excluding state wastewater and wastewaters which were underground injected.

___,___,__1 tons

(iii) Indicate the quantity of all solid hazardous wastewater treatment sludges (RCRA and state) which is counted in 2A(i) above (this includes listed, characteristic, and mixture RCRA and state sludges).

___,___,__0 tons

NOTE: The 1984 survey did not include recyclable wastes which were exempted from full regulation under 40 CFR 261.6. Please INCLUDE those RECYCLABLE wastes which are at least subject to generator and notification requirements in the 1985 survey.

QUESTIONS

2. WASTE GENERATION DATA

A. Solid Waste

(iv) Indicate the quantity of solid hazardous waste reported in question 2A(i) which is a result of the January 1985 regulatory change in definition of solid waste.

___,___,___0 tons

(v) Indicate the quantity of solid hazardous waste reported in question 2A(i) which is a result of a waste being newly listed by EPA for the first time, effective in 1985.

___,___,___0 tons

NOTE: If there are significant changes in your responses from the 1984 survey which are NOT a result of the revised solid waste definition or newly listed wastes, please add a BRIEF COMMENT for explanation.

QUESTIONS

2. WASTE GENERATION DATA

B. Wastewater

(i) Indicate the quantity of all RCRA and state hazardous wastewater and underground injected wastewaters (this includes listed, characteristic, and mixture hazardous wastewater) generated at your plant during calendar year 1985.

___,___,__0 tons

NOTE: If your answer to 2B(i) and 2A(i) are both zero (in other words, your facility generates no hazardous wastes subject to regulation under RCRA or state hazardous waste regulations), then proceed to Section 6. After you complete Section 6, then return the survey.

(ii) Indicate the quantity of all hazardous wastewater and underground injected wastewaters generated at your plant which was considered hazardous only by the state, and not under RCRA.

___,___,__0 tons

NOTE: Wastewaters are defined as those wastes which are treated by an NPDES permitted treatment plant or sent to a POTW, or wastewaters that are injected underground.

QUESTIONS

3. HAZARDOUS SOLID WASTE - TREATMENT AND DISPOSAL

A. Treatment - Hazardous Solid Waste

Indicate the primary SIC code(s) for processes generating hazardous solid waste requiring treatment:

2 8 ___ 2 8 ___ 2 8 ___

Indicate the quantity of RCRA and state hazardous solid waste treated under the following categories during the calendar year 1985. Do not include recyclable wastes which are not subject to regulation at 40 CFR 264, 265, and 270, wastewater, or underground injection wastes (solid or wastewater).

	On-Site and Off-Site Company-Owned Facilities ("as is" tons)	Commercial ("as is" tons)
(i) Incineration	___,___,44	___,___,9
(ii) Other* (specify below)	___,___,0	___,___,0
(iii) Column totals	___,___,44	___,___,9
(iv) RCRA and state wastes	___,___,44	___,___,9
(v) State hazardous waste only	___,___,1	___,___,3

* Other treatment may include, but is not limited to: thermal, chemical, physical, neutralization, or biological treatment of hazardous waste.

NOTE: Avoid DOUBLE- COUNTING. The column totals (iii) and RCRA and state waste quantities (iv) must balance.

QUESTIONS

3. HAZARDOUS SOLID WASTE - TREATMENT AND DISPOSAL

B. Disposal - Hazardous Solid Waste

Indicate the primary SIC code(s) for processes generating hazardous solid waste requiring disposal:

2 8 ___ 2 8 ___ 2 8 ___

Indicate the quantity of RCRA and state hazardous solid waste disposed under the following categories during the calendar year 1985. Do not include recyclable wastes which are not subject to regulation at 40 CFR 264, 265, and 270, wastewater, or underground injection wastes (solid or wastewater).

	On-Site and Off-Site Company-Owned Facilities ("as-is" tons)	Commercial ("as-is" tons)	Row Totals ("as-is" tons)
(i) Disposed of in landfill	___,___,___.0	___,___,___.0	___,___,___.0
(ii) Disposed of in surface impoundment	___,___,___.0	___,___,___.0	___,___,___.0
(iii) Disposed of in waste pile	___,___,___.0	___,___,___.0	___,___,___.0
(iv) Other disposal (specify below) _____	___,___,___.0	___,___,___.0	___,___,___.0
(v) Column totals	___,___,___.0	___,___,___.0	___,___,___.0
(vi) RCRA and state waste	___,___,___.0	___,___,___.0	___,___,___.0
(vii) State hazardous waste only	___,___,___.0	___,___,___.0	___,___,___.0

NOTE: Avoid DOUBLE- COUNTING. The column totals (v) and RCRA and state waste quantities (vi) must balance.

QUESTIONS

3. HAZARDOUS SOLID WASTE - TREATMENT AND DISPOSAL

C. Site Cleanup - Hazardous Solid Waste

Indicate the waste quantity counted in Sections 3A or 3B which were the result of RCRA, CERCLA, or other remedial action.

	On-Site and Off-Site Company-Owned Facilities ("as-is" tons)	Commercial ("as-is" tons)
(i) RCRA and state waste	0	0
(ii) State hazardous waste only	0	0

D. Recyclable - Hazardous Solid Waste

Indicate the waste quantity counted in Section 2A(i) which was exempted from management under 40 CFR 264, 265, or 270 of RCRA.

(i) RCRA and state waste	0 tons
(ii) State hazardous waste only	0 tons

QUESTIONS

4. HAZARDOUS WASTEWATER - TREATMENT

Indicate the primary SIC code(s) for processes generating hazardous wastewater requiring treatment:

2 8 __ __ 2 8 __ __ 2 8 __ __

Indicate the quantity of RCRA and state hazardous wastewater (excluding underground injection quantities) treated under the following categories during the calendar year 1985.

	On-Site and Off-Site Company-Owned Facilities ("as-is" tons)	Commercial ("as-is" tons)
NPDES Facility		
(i) In tanks only	0	0
(ii) Whole or partially in impoundments	0	0
(iii) Number of tanks	0	
POTW Facility (wastewaters pretreated at your facility)		
(iv) In tanks only	0	0
(v) Whole or partially in impoundments	0	0
(vi) Number of tanks	0	
Other (specify below)		
(vii) _____	0	0
Totals		
(viii) Column totals	0	0
(ix) RCRA and state wastewater	0	0
(x) State hazardous wastewater only	0	0

NOTE: Avoid DOUBLE-COUNTING. The column totals (viii) and RCRA and state waste quantities (ix) must balance.

QUESTIONS

5. UNDERGROUND INJECTION

Indicate the primary SIC code(s) for processes generating hazardous wastes requiring underground injection:

2 8 ___ 2 8 ___ 2 8 ___

Indicate the quantity of RCRA and state hazardous waste disposed of by underground injection under the following categories during the calendar year 1985.

	On-Site and Off-Site Company-Owned Facilities ("as-is" tons)	Commercial ("as-is" tons)	Row Totals ("as-is" tons)
(i) RCRA and state waste	___,___,___,__0	___,___,___,__0	___,___,___,__0
(ii) State waste	___,___,___,__0	___,___,___,__0	___,___,___,__0
(iii) Wastewater	___,___,___,__0	___,___,___,__0	___,___,___,__0
(iv) Solid waste	___,___,___,__0	___,___,___,__0	___,___,___,__0
(v) Column totals[(iii)&(iv)]	___,___,___,__0	___,___,___,__0	___,___,___,__0

NOTE: Avoid DOUBLE- COUNTING. The column totals (v) and RCRA and state waste quantities (i) must balance.

QUESTIONS

6. UNDERGROUND STORAGE TANKS

A. Petroleum Products and CERCLA Hazardous Substances

Indicate the number and total volume of underground storage tanks located at your facility that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986.

The information required here can be taken directly from your notification form for underground storage tanks.

	Number of Tanks	Total Volume (gallons) (include volume in underground piping)
CERCLA hazardous substances		
Currently in use	0	0
Temporarily/permanently out of use	0	0
Petroleum products		
Currently in use	0	0
Temporarily/permanently out of use	2	14,000

NOTE: RCRA wastes are NOT INCLUDED in Section A. See EXAMPLES on page 26.

QUESTIONS

6. UNDERGROUND STORAGE TANKS

B. RCRA and State Hazardous Wastes

Indicate the number and total volume of underground storage tanks located on your facility which were in use at some time during 1985 and which were regulated by 40 CFR 264 or 265.

	Number of Tanks	Total Volume (gallons) (include volume only in tanks themselves)
RCRA and state hazardous wastes	0	0
State wastes only	0	0

Indicate the primary SIC code(s) for processes generating RCRA and state hazardous wastes which were treated or stored in underground storage tanks at some time during 1985:

2 8 ___ 2 8 ___ 2 8 ___

QUESTIONS

7. OVERALL CHECKSHEET

A. Solid Waste

1. Solid waste generated, [2A(i)]	___,___,_51 tons
2. Solid waste treated, row total for RCRA and state, [3A(iv)]	[___,___,_53] tons
3. Solid waste disposed, row total for RCRA and state, [3B(vi)]	[___,___,___0] tons
4. Solid waste injected, row total, [5(iv)]	[___,___,___0] tons
5. Solid waste recycled, not RCRA managed, [3D(i)]	[___,___,___0] tons
6. Subtract lines 2,3,4,&5 from line 1: In storage (as of 12/31/85)	___,___,___4 tons

If you did not have any wastes which were generated in 1985 and left in storage as of December 31,1985, then line 6 should be equal to zero. If it is not, then please re-check your waste quantities in sections 2,3, and 5.

If you had waste which was generated in 1985 and left in storage as of December 31, 1985, please check that the value on line 6 matches storage records for your facility, or is a reasonable estimate of the quantity of 1985 wastes left in storage.

B. Wastewater

1. Wastewater generated, [2B(i)]	___,___,___0 tons
2. Wastewater treated, row total for RCRA and state, [4(ix)]	[___,___,___0] tons
3. Wastewater injected, row total, [5(iii)]	[___,___,___0] tons
4. Subtract lines 2 & 3 from line 1	___,___,___0 tons

Line 4 should be equal to zero. If not, re-check quantities in sections 2, 4, and 5.

CONGRATULATIONS! If your checksheet balances, proceed to GO and collect $200. If not, please re-check your quantities in Sections 2 - 5.

DUE DATE:

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

FORM

MA-1000 (SU)

FORMERLY MA-100 (SU)

1982 ANNUAL SURVEY OF MANUFACTURES

● NOTE – *The Annual Survey of Manufactures Form MA-1000(SU) is the first sheet of the 1982 Census of Manufactures form.*

☐ O.M.B. APPROVAL NO. 0607-0395 EXPIRES 12-84

NOTICE – Response to this inquiry is required by law (title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

201 TAB

202 IND-6

203 AREA

204 INFL

205 CCS

In correspondence pertaining to this report please refer to this Census File Number (CFN)

Employer Identification (EI) Number

Please complete this form and RETURN TO: BUREAU OF THE CENSUS, 1201 East Tenth Street, Jeffersonville, Indiana 47134

Note — *PLEASE READ ALL ACCOMPANYING INSTRUCTIONS*

Item 1A – Employer Identification Number(s)
Is the Employer Identification (EI) Number printed in the upper right of the address box the SAME as that used for this establishment on its latest 1982 Employer's Quarterly Federal Tax Return, Treasury Form 941?

094 1 ☐ YES
2 ☐ NO – *Enter current EI Number* → ☐☐☐☐☐☐☐☐☐ (9 digits)

Please correct errors in name, address, and ZIP code. ENTER street and number if not shown.

Item 1B – Physical location
Complete a, b, and c.

a. Is this establishment located in the State, county, and place shown at the right? *(If blank or incomplete, please complete (1) through (4).)* 650
1 ☐ YES – *SKIP to part b*
2 ☐ NO – *Correct or complete lines (1) through (4)*

(1) Number and street

(2) City, village, or other place | State | ZIP code

(3) County

(4) If you corrected lines 1, 2, 3, give year moved to new location 19__

b. Is this establishment physically located inside the legal boundaries of the city, town, village, etc., indicated in part a(2)?
095 1 ☐ YES 2 ☐ NO 3 ☐ No legal boundaries 4 ☐ Don't know

c. Type of municipality indicated in part a(2)?
096 1 ☐ City, village, or borough 2 ☐ Town or township 3 ☐ Other or don't know

Item 1C – Organizational status
Mark (X) the ONE box which best describes this establishment during 1982.

093 1 ☐ Individual proprietorship
2 ☐ Partnership
3 ☐ Cooperative association (taxable)
4 ☐ Cooperative association (tax exempt)
5 ☐ Government – *Specify* _____
6 ☐ Corporation (do not mark if any form of cooperative association)
9 ☐ Other – *Specify* _____

HOW TO REPORT

Figures for dollars, plant-hours, KWH should be rounded to thousands. However, you may enter figures to nearest unit. Carefully enter your figures in the correct columns, e.g., if payroll is $1,125,628, report either . . . . . $1 | 126 | | OR | $1 | 125 | 628

COMPLETE EACH ITEM, ENTER "0" WHEN APPROPRIATE	Key	1982 Number	1981 Number
Item 2 – Number of employees at this establishment – a. March	301		
Number of production workers during pay period including the 12th of month – b. May	302		
c. August	303		
d. November	304		
e. Sum of lines a–d	305		
f. Average number *(Divide line e by 4)*	306		
g. All other employees (pay period of March 12)	307		

Item 5 – Cost of materials and services used	Mark (X) if "0"	Key	1982 Mil.	1982 Thou.	1982 Dol.	1981 Mil.	1981 Thou.	1981 Dol.
a. Cost of materials, parts, components, containers, etc., used	Key	321						
b. Cost of products bought and sold as such	222 ☐ 0	322						
c. Cost of fuels consumed for heat or power	223 ☐ 0	323						
d. Cost of purchased electricity *(See item 6)*	224 ☐ 0	324						
e. Cost of contract work done for you by others	225 ☐ 0	325						

PART 266—STANDARDS FOR THE MANAGEMENT OF SPECIFIC HAZARDOUS WASTES AND SPECIFIC TYPES OF HAZARDOUS WASTE MANAGEMENT FACILITIES

EFFECTIVE DATE NOTE: At 50 FR 666, Jan. 4, 1985, Part 266 was added, effective July 5, 1985. For clarification of the effective date for Subpart F, § 266.70, see 50 FR 14216, Apr. 11, 1985.

Subparts A–B—[Reserved]

Subpart C—Recyclable Materials Used in a Manner Constituting Disposal

§ 266.20 Applicability.

(a) The regulations of this subpart apply to recyclable materials that are applied to or placed on the land:

(1) Without mixing with any other substance(s); or

(2) After mixing with any other substance(s), unless the recyclable material undergoes a chemical reaction so as to become inseparable from the other substance(s) by physical means; or

(3) After combination with any other substance(s) if the resulting combined material is not produced for the general public's use. These materials will be referred to throughout this subpart as "materials used in a manner that constitutes disposal."

(b) Products produced for the general public's use that are used in a manner that constitutes disposal and that contain recyclable materials are not presently subject to regulation if the recyclable materials have undergone a chemical reaction in the course of producing the product so as to become inseparable by physical means. Commercial fertilizers that are produced for the general public's use that contain recyclable materials also are not presently subject to regulation.

§ 266.21 Standards applicable to generators and transporters of materials used in a manner that constitute disposal.

Generators and transporters of materials that are used in a manner that constitutes disposal are subject to the applicable requirements of Parts 262 and 263 of this chapter, and the notification requirement under Section 3010 of RCRA.

§ 266.22 Standards applicable to owners of materials that are to be used in a manner that constitutes disposal who are not the ultimate users.

Owners or operators of facilities that store recyclable materials that are to be used in a manner that constitutes disposal, but who are not the ultimate users of the materials, are regulated under all applicable provisions of Subparts A through L of Parts 264 and 265 and Parts 270 and 124 of this chapter and the notification requirement under Section 3010 of RCRA.

§ 266.23 Standards applicable to users of materials that are used in a manner that constitutes disposal.

Owners or operators of facilities that use recyclable materials in a manner that constitutes disposal are regulated under all applicable provisions of Subparts A through N of Parts 264 and 265 and Parts 270 and 124 of this chapter and the notification requirement under Section 3010 of RCRA. (These requirements do not apply to products which contain these recyclable materials under the provisions of § 266.20(b) of this chapter.)

Subpart D—Hazardous Waste Burned for Energy Recovery

§ 266.30 Applicability.

(a) The regulations of this subpart apply to hazardous wastes that are burned for energy recovery in any boiler or industrial furnace that is not regulated under Subpart O of Part 264 or 265 of this chapter, except as provided by paragraph (b) of this section. Such hazardous wastes burned for energy recovery are termed "hazardous waste fuel". However, hazardous waste fuels produced from hazardous waste by blending or other treatment by a person who neither generated the waste nor burns the fuel are not subject to regulation at the present time.

(b) The following hazardous wastes are not regulated under this subpart:

(1) Used oil burned for energy recovery that is also a hazardous waste solely because it exhibits a characteristic of hazardous waste identified in Subpart C of Part 261 of this chapter. Such used oil is subject to regulation under Subpart E of Part 266 rather than this subpart; and

(2) Hazardous wastes that are exempt from regulation under the provisions of § 261.4 of this chapter and hazardous wastes that are subject to the special requirements for small quantity generators under the provisions of § 261.5 of this chapter.

(3) Hazardous waste fuels that are exempt from the labeling requirements of RCRA Section 3004(r).

(4) Coke from the iron and steel industry that contains hazardous waste from the iron and steel production process.

[50 FR 666, Jan. 4, 1985, as amended at 50 FR 14220, Apr. 11, 1985]

§ 266.31 Prohibitions. [Reserved]

§ 266.32 Standards applicable to generators of hazardous waste fuel.

(a) Generators of hazardous waste fuel are subject to the requirements of Part 262 of this chapter except that § 266.36 exempts certain spent materials and by-products from these provisions.

(b) Generators who are marketers also must comply with § 266.34.

(c) Generators who are burners also must comply with § 266.35.

§ 266.33 Standards applicable to transporters of hazardous waste fuel.

(a) Transporters of hazardous waste fuel from generator to marketer, or from a generator to a burner are subject to the requirements of Part 263 of this chapter, except that § 266.36 exempts certain spent materials and by-products from these provisions.

(b) Transporters of hazardous waste fuel are not presently subject to regulation when they transport hazardous waste fuel from marketers, who are not also the generators of the waste, to burners or other marketers.

[50 FR 666, Jan. 4, 1985, as amended at 50 FR 14220, Apr. 11, 1985]

§ 266.34 Standards applicable to marketers of hazardous waste fuel.

Persons who market hazardous waste fuel are called "marketers". Marketers include generators who market hazardous waste fuel directly to a burner, and persons who receive hazardous waste from generators and produce, process, or blend hazardous waste fuel from these hazardous wastes. Persons who distribute but do not process or blend hazardous waste fuel are also marketers, but are not presently subject to regulation. Marketers (other than distributors) are subject to the following requirements:

Prohibitions:

(a)–(b) [Reserved]

(c) *Storage.* (1) Marketers who are generators are subject to the requirements of § 262.34 of this chapter, or to Subparts A through L of Parts 264 and 265 and Parts 270 and 124 of this chapter, except as provided by § 266.36 of this subpart for certain spent materials and by-products.

(2) Marketers who receive hazardous wastes from generators, and produce, process, or blend hazardous waste fuel from these hazardous wastes, are subject to regulation under all applicable provisions of Subparts A through L of Parts 264 and 265 and Parts 270 and 124 of this chapter, except as provided by § 266.36 of this subpart for certain spent materials and by-products.

§ 266.35 Standards applicable to burners of hazardous waste fuel.

(a) [Reserved]

(b) *Notification.* [Reserved]

(c) Burners that store hazardous waste fuel prior to burning are subject to the requirements of § 262.34 of this chapter, or to all applicable requirements in Subparts A through L of Part 264 or Part 265 of this chapter with respect to such storage, except as provided by § 266.36 of this subpart for certain spent materials and by-products.

§ 266.36 Conditional exemption for spent materials and by-products exhibiting a characteristic of hazardous waste.

(a) Except as provided in paragraph (b), hazardous waste fuels that are spent materials and by-products and that are hazardous only because they exhibit a characteristic of hazardous waste are not subject to the notification requirements of Section 3010 of RCRA, the generator, transporter, or storage requirements of Parts 262 through 266, 270 and 124 of this chapter.

(b) This exemption does not apply when the spent material or by-product is stored in a surface impoundment prior to burning.

Subpart E—[Reserved]

Subpart F—Recyclable Materials Utilized for Precious Metal Recovery

§ 266.70 Applicability and requirements.

(a) The regulations of this subpart apply to recyclable materials that are reclaimed to recover economically significant amounts of gold, silver, platinum, palladium, iridium, osmium, rhodium, ruthenium, or any combination of these.

(b) Persons who generate, transport, or store recyclable materials that are regulated under this subpart are subject to the following requirements:

(1) Notification requirements under Section 3010 of RCRA;

(2) Subpart B of Part 262 (for generators), §§ 263.20 and 263.21 (for transporters), and §§ 265.71 and 265.72 (for persons who store) of this chapter;

(c) Persons who store recycled materials that are regulated under this subpart must keep the following records to document that they are not accumulating these materials speculatively (as defined in § 261.1(c) of this chapter):

(1) Records showing the volumes of these materials stored at the beginning of the calendar year;

(2) The amount of these materials generated or received during the calendar year; and

(3) The amount of materials remaining at the end of the calendar year.

(d) Recyclable materials that are regulated under this Subpart that are accumulated speculatively (as defined in § 261.1(c) of this chapter) are subject to all applicable provisions of Parts 262 through 265, 270 and 124 of this chapter.

Subpart G—Spent Lead-Acid Batteries Being Reclaimed

§ 266.80 Applicability and requirements.

(a) The regulations of this subpart apply to persons who reclaim spent lead-acid batteries that are recyclable materials ("spent batteries"). Persons who generate, transport, or collect spent batteries, or who store spent batteries but do not reclaim them are not subject to regulation under Parts 262 through 266 or Parts 270 or 124 of this chapter, and also are not subject to the requirements of Section 3010 of RCRA.

(b) Owners or operators of facilities that store spent batteries before reclaiming them are subject to the following requirements:

(1) Notification requirements under Section 3010 of RCRA;

(2) All applicable provisions in Subparts A, B (but not § 264.13 (waste analysis)), C, D, E (but not § 264.71 or § 264.72 (dealing with the use of the manifest and manifest discrepancies)), and F through L of Part 264 of this chapter;

(3) All applicable provisions in Subparts A, B (but not § 265.13 (waste analysis)), C, D, E (but not §265.71 and § 265.72 (dealing with use of the manifest and manifest discrepancies)), and F through L of Part 265 of this chapter;

(4) All applicable provisions in Parts 270 and 124 of this chapter.

VII. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No.	Tank No.	Tank No.	Tank No.	Tank No.
1. Status of Tank *(Mark all that apply ☒)* — Currently in Use	☐	☐	☐	☐	☐
Temporarily Out of Use	☐	☐	☐	☐	☐
Permanently Out of Use	☐	☐	☐	☐	☐
Brought into Use after 5/8/86	☐	☐	☐	☐	☐
2. Estimated Age (Years)					
3. Estimated Total Capacity (Gallons)					
4. Material of Construction *(Mark one ☒)* — Steel	☐	☐	☐	☐	☐
Concrete	☐	☐	☐	☐	☐
Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐
Unknown	☐	☐	☐	☐	☐
Other, Please Specify	_____	_____	_____	_____	_____
5. Internal Protection *(Mark all that apply ☒)* — Cathodic Protection	☐	☐	☐	☐	☐
Interior Lining (e.g., epoxy resins)	☐	☐	☐	☐	☐
None	☐	☐	☐	☐	☐
Unknown	☐	☐	☐	☐	☐
Other, Please Specify	_____	_____	_____	_____	_____
6. External Protection *(Mark all that apply ☒)* — Cathodic Protection	☐	☐	☐	☐	☐
Painted (e.g., asphaltic)	☐	☐	☐	☐	☐
Fiberglass Reinforced Plastic Coated	☐	☐	☐	☐	☐
None	☐	☐	☐	☐	☐
Unknown	☐	☐	☐	☐	☐
Other, Please Specify	_____	_____	_____	_____	_____
7. Piping *(Mark all that apply ☒)* — Bare Steel	☐	☐	☐	☐	☐
Galvanized Steel	☐	☐	☐	☐	☐
Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐
Cathodically Protected	☐	☐	☐	☐	☐
Unknown	☐	☐	☐	☐	☐
Other, Please Specify	_____	_____	_____	_____	_____
8. Substance Currently or Last Stored in Greatest Quantity by Volume *(Mark all that apply ☒)* — **a. Empty**	☐	☐	☐	☐	☐
b. Petroleum					
Diesel	☐	☐	☐	☐	☐
Kerosene	☐	☐	☐	☐	☐
Gasoline (including alcohol blends)	☐	☐	☐	☐	☐
Used Oil	☐	☐	☐	☐	☐
Other, Please Specify	_____	_____	_____	_____	_____
c. Hazardous Substance	☐	☐	☐	☐	☐
Please Indicate Name of Principal CERCLA Substance	_____	_____	_____	_____	_____
OR Chemical Abstract Service (CAS) No.	_____	_____	_____	_____	_____
Mark box ☒ if tank stores a mixture of substances	☐	☐	☐	☐	☐
d. Unknown	☐	☐	☐	☐	☐
Additional Information (for tanks permanently taken out of service)					
a. Estimated date last used (mo/yr)	/	/	/	/	/
b. Estimated quantity of substance remaining (gal.)	_____	_____	_____	_____	_____
c. Mark box ☒ if tank was filled with inert material (e.g., sand, concrete)	☐	☐	☐	☐	☐

* U.S. Government Printing Office: 1986—496-735

I. LOCATION PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE L-781, COLX-10549
EPA I.D. # NJD002444024 — DU PONT CODE WCH-1
EPA CODE N/A — STATE CODE x-000, x-010

II. NAME OF WASTE AQUEOUS LATEX RESINS

III. COMPOSITION

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	WATER	55	60	45		
2	COPOLYMER/METHACRYLATE VINYLIDENE CHLORIDE	40	50	0		
3	POLYVINYL ALCOHOL	0	10	0		
4	POLYALKYLACRYLATES	0	40	0		
5	ORGANIC SURFACTANTS	5	5	1		

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0	Sulfides	Yes ___ No X
Cd	0	Cl*	0	CN	0	Cyanides	Yes ___ No X
Cr	0	Cu	2	F*	0	PCB's	Yes ___ No X
Hg	0	I*	0	N*	0	Phenolics	Yes ___ No X
Ni	0	P*	0	Pb	0	**Dioxin	Yes ___ No X
S*	2	Se	0	Zn	0	**Listed Solvent	Yes ___ No X
CR+6		Tl				***Halogenated Organic Compounds 1000 Mg/L	
Other							Yes X No ___
Indicate test method:		EPTOX/TCLP				Insecticides,pesticides,herbicides, or rodenticides	
		TOTAL METALS					Yes ___ No X

IV. PHY. STATE @ 25 C (CIRCLE): SOLID, LIQUID, SLUDGE, (LIQUID/SOLID PHASES), GAS
OTHER
- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? YES — VOL% OF EACH PHASE 20 % SOLID 80 % LIQUID
- CAN THE WASTE BE PUMPED/POURED? YES / YES
- % FREE FLOWING LIQUID LAYER 80 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 80 — ESTIMATED SPECIFIC GRAVITY 1.00

V. SHIPPING CONTAINERS
BULK ___ CONTAINER SPEC. ___
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	CONTAINER SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
30 GAL.	FIBREPACK	21C	250 LBS.	N/A
OTHER				
55 GAL.	STEEL	17H/OVERPAK	300 LBS.	N/A

VI. PROPERTIES

FLASH POINT		(Closed Cup)	Btu/lb.	3,016	CORROSIVE	0	OSHA CARCINOGEN
COLOR	WHITE		pH	2-7	ODOR (YES/NO)		YES, ACRYLATE
REACTIVE	NO						
TOXIC	NO						
PYROPHORIC	NO				RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO	
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION NONE, NON-HAZARDOUS/NON-REGULATED MATERIAL
D.O.T. HAZARD CLASSIFICATION NONE — EPA HAZ. SUBST. ___Y ___N ___RQ
D.O.T. PLACARD N/A — D.O.T. LABEL N/A — U.N. NO. ___ — N.A. NO. ___

VIII. VOLUME
ANNUAL ___ THIS REQUEST ___ PER SHIPMENT ___

IX. REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)
LIQUID WASTE WILL AGGLOMERATE AFTER 30 DAYS CAUSING MULTIPLE PHASES.
SAWDUST MAY BE USED AS AN ABSORBENT OF LIQUID WASTE.
SECTION J: WASTE CHEMICAL PROCESS (LIQUID, SOLID), N.O.S. (L)(S)

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ORLANDO FERNANDEZ, JR.

REVIEWED BY
DATE REVIEWED

HW-1

P&P AREA

To: K. W. QUACKENBUSH DATE: 12-27-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	30	NONE	
Paint Lacquer waste	Solid	16		
Paint Waste	80% Liquid 20% Solid,	148		
Acrylic Resin	Methylene Chloride	19	NONE	
Polymer Residue and Filters	Popcorn	28	NONE	
W. A. Filters	Non-Regulated Filters NON-HAZARDOUS	31	—	
Ethyl Acetate and Water	Liquid	NONE	—	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylate Latex - 42 DRS. Alumina - 14 DRS.
Acrylic Latex - 78 DRS Teflon - 48 DRS.
Acrylic Resin Latex - 68 DRS. Palm oil - 37 DRS.
Ethyl Acrylate - 2 DRS. G-744 Vapor Filters - 1 DR
P.D. Water & Sludge - 79 DRS. G-274 " " - 1 DR

7/30/87-bal

John Bazzinotti

HW-1

P&P AREA

J: K. W. QUACKENBUSH DATE: 12-19-88

: HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	30	NONE	
Paint Lacquer waste	Solid	16		
Paint Waste	80% Liquid 20% Solid	148		
Acrylic Resin	Methylene Chloride	19		
Polymer Residue and Filters	Popcorn	28	NONE	
W. A. Filters	Non/Regulated Filters Non/ HAZARDOUS	31		
Ethyl Acetate and Water	Liquid	NONE	—	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

ACRYLATE LATEX - 42 DRS. ALUMINA - 14 DRS.
ACRYLIC LATEX - 119 DRS. TEFLON - 48 DRS.
ACRYLIC RESIN LATEX - 68 DRS. PALM OIL - 37 DRS.
ETHYL ACRYLATE - 2 DRS. G-744 Vapor Filters - 10R
POP WATER & SLUDGE - 79 DRS G-274 " " - 10R

7/30/87-bcl SHIPMENTS

(12-20-88 - 12-28-88)

John Bizzuth

P&P AREA

J: K. W. QUACKENBUSH DATE: 12-12-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	110	NONE	
Paint Lacquer waste	Solid	16		
Paint Waste	80% Liquid 20% Solid	136		
Acrylic Resin	Methylene Chloride	19		
olymer Residue and Filters	Popcorn	27	NONE	
W. A. Filters	Non/Regulated Filters Non/HAZARDOUS	31		
Ethyl Acetate and Water	Liquid	NONE		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylate Latex - 42 DRS. Alumina - 14 DRS.
Acrylic Latex - 119 DRS. Teflon - 88 DRS.
Acrylic Resin Latex - 68 DRS. Palm oil - 37 DRS.
Ethyl Acrylate - 2 DRS. G-744 Vapor Filters - 10R
Pod Water & Sludge - 79 DRS G-274 " " - 10R

7/30/87-bcl

Shipments
(12-15-88) (12-20-88) (12-28-88)

John Brzozowski

P&P AREA

J: K. W. QUACKENBUSH DATE: 12-5-88

: HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	82	NONE	
Paint Lacquer waste	Solid	16		
Paint Waste	80% Liquid 20% Solid	84		
Acrylic Resin	Methylene Chloride	15	NONE	
olymer Residue and Filters	Popcorn	24	NONE	
W. A. Filters	Non/Regulated Filters Non/ HAZARDOUS	27	—	
Ethyl Acetate and Water	Liquid	—		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

ACRYLATE LATEX-42 DRS. TEFLON-48 DRS.
ACRYLIC LATEX-119 DRS. PALM OIL-37 DRS.
ETHYL ACRYLATE-2 DRS. G-744 Vapor Filters-1DR
BOD WATER & SLUDGE-79 DRS G-274 " " -1DR
ALUMINA-14 DRS.

John Baggett

7/30/87-bcl

SHIPMENTS
12-20-88 - 12-28 88

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 11-28-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	135	NONE	
Paint Lacquer waste	Solid	10		
Paint Waste	80% Liquid 20% Solid	104		
Acrylic Resin	Methylene Chloride	15	NONE	
Polymer Residue and Filters	Popcorn	24	NONE	
W. A. Filters	Non/Regulated Filters Non/ HAZARDOUS	23	—	
Ethyl Acetate and Water	Liquid	NONE	—	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylate Latex - 42 DRS. Teflon - 48 DRS.
Acrylic Latex - 118 DRS. Palm oil - 37 DRS.
Ethyl Acrylate - 2 DRS. G-744 Vapor Filters - 1 DR
BOD Water & Sludge - 79 DRS G-274 " " - 1 DR.
Lumina - 14 DRS.

John Bryant

7/30/87-bcl

SHIPMENTS

11-30-88 (Gelled Resin - Paint Waste) - 80 DRS.

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 11-21-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	113	NONE	
Paint Lacquer waste	Solid	9		
Paint Waste	80% Liquid 20% Solid	168		
Acrylic Resin	Methylene Chloride	15		
olymer Residue and Filters	Popcorn	24	NONE	
W. A. Filters	Non/Regulated Filters Non/ HAZARDOUS	23	—	
Ethyl Acetate and Water	Liquid	NONE	—	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylate Latex-42 DRS. Teflon-48 DRS.
Acrylic Latex-115 DRS. Palm oil-37 DRS.
Ethyl Acrylate-2 DRS. G-744 Vapor Filters-1 DR
BOD Water & Sludge-79 DRS G-274 " " -1 DR.
Lumina-14 DRS.

John Bizzack

7/30/87-bcl

SHIPMENTS
11-23-88 "PAINT WASTE" 80 DRS

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 11-14-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	88	NONE	
Paint Lacquer waste	Solid	8	6	
Paint Waste	80% Liquid 20% Solid	245	NONE	
Acrylic Resin	Methylene Chloride	14	NONE	
Polymer Residue and Filters	Popcorn	22	NONE	
W. A. Filters	Non/Regulated Filters Non/ HAZARDOUS	19	—	
Ethyl Acetate and Water	Liquid	NONE	—	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

ACRYLATE LATEX - 42 DRS. TEFLON - 32 DRS.

ACRYLIC LATEX - 115 DRS. G-744 VAPOR FILTERS - 1 DR

ETHYL ACRYLATE - 2 DRS. G-274 " " - 1 DR

BOO WATER & SLUDGE - 79 DRS

ALUMINA - 14 DRS.

John Bryant

SHIPMENTS

11-16-88 - 80 DRS. "PAINT WASTE"

7/30/87-bcl

P&P AREA

O: K. W. QUACKENBUSH DATE: 11-7-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	67	NONE	
Paint Lacquer waste	Solid	8	6	
Paint Waste	80% Liquid 20% Solid	204	2	
Acrylic Resin	Methylene Chloride	7	NONE	
olymer Residue and Filters	Popcorn	20	NONE	
W. A. Filters	Non/Regulated Filters Now/ HAZARDOUS	15	—	
Ethyl Acetate and Water	Liquid	NONE	—	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

ACRYLATE LATEX - 42 DRS. TEFLON - 32 DRS.
ACRYLIC LATEX - 115 DRS. G-744 VAPOR FILTERS - 1DR.
ETHYL ACRYLATE - 2 DRS. G-274 " " - 1DR.
BOD WATER & SLUDGE - 79 DRS.
ALUMINA - 14 DRS.

John Bazzinotti

7/30/87-bcl

SHIPMENTS
11-16-88 11-23-88 11-30-88 "PAINT WASTE"

P&P AREA

TO: K. W. QUACKENBUSH DATE: 10-31-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	43	NONE	
Paint Lacquer waste	Solid	8	6	
Paint Waste	80% Liquid 20% Solid	192	2	
Acrylic Resin	Methylene Chloride	NONE	—	
Polymer Residue and Filters	Popcorn	17	NONE	
W. A. Filters	Non/Regulated Filters Non/HAZARDOUS	15	—	
Ethyl Acetate and Water	Liquid	NONE	—	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylate Latex - 42 DRS. Teflon - 32 DRS.
Acrylic Latex - 115 DRS. G-744 Vapor Filters - 1 DR.
Ethyl Acrylate - 2 DRS. G-274 " " 1 DR.
BOD Water & Sludge - 79 DRS.
Alumina - 14 DRS.

John Bizzarri

SHIPMENTS

7/30/87-bcl
11-16-88 11-23-88 11-30-88 "PAINT WASTE"

P&P AREA

O: K. W. QUACKENBUSH DATE: 10-24-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	111		
Paint Lacquer waste	Solid	8		
Paint Waste	80% Liquid 20% Solid	189		
Acrylic Resin	Methylene Chloride	32		
olymer Residue and Filters	Popcorn	16		
W. A. Filters	Non/Regulated Filters Non/ HAZARDOUS	15		
Ethyl Acetate and Water	Liquid	NONE		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

ACRYLATE LATEX - 42 DRS. TEFLON - 32 DRS

ACRYLIC LATEX - 115 G-744 Vapor Filters - 1 DR

ETHYL ACRYLATE - 2 DRS. G-274 " " - 1 DR.

BOD WATER & SLUDGE - 79 DRS

ALUMINA - 14 DRS.

John Bizzack

7/30/87-bcl

— SHIPMENTS —

10-25-88 - GELLED RESIN & ACRYLIC RESIN

11-16-88 - 11-23-88 - 11-30-88 - ALL "PAINT WASTE"

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 10-19-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	61	NONE	
Paint Lacquer waste	Solid	8		
Paint Waste	80% Liquid 20% Solid	186		
Acrylic Resin	Methylene Chloride	30		
Polymer Residue and Filters	Popcorn	15	NONE	
W. A. Filters	Non/Regulated Filters Non/ HAZARDOUS	11		
Ethyl Acetate and Water	Liquid	NONE		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylate Latex-42 DRS. Teflon-32 DRS.

Acrylic Latex-115 DRS. G-744 Vapor Filters-1DR

ETHYL Acrylate-2 DRS. G-274 " " 1 DR.

BOD WATER & Sludge-79 DRS

Alumina-14 DRS.

7/30/87-bcl

Shipments

NOV. 16-23-30

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 10-10-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	30	NONE	
Paint Lacquer waste	Solid	8		
Paint Waste	80% Liquid 20% Solid	144		
Acrylic Resin	Methylene Chloride	28		
Polymer Residue and Filters	Popcorn	9	NONE	
W. A. Filters	Non/Regulated Filters Non/ HAZARDOUS	11	—	
Ethyl Acetate and Water	Liquid	NONE	—	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylate Latex - 42 DRS. Teflon - 32 DRS.

Acrylic Latex - 75 DRS G-744 Vapor Filters - 1 DR.

Ethyl Acrylate - 2 DRS. G-274 " " - 1 DR.

BOD Water & Sludge - 79 DRS Dessicant - 1 DR.

Illumina - 14 DRS.

John Bizzarro

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 10-3-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	96	NONE	
Paint Lacquer waste	Solid	8		
Paint Waste	80% Liquid 20% Solid	131		
Acrylic Resin	Methylene Chloride	25		
Polymer Residue and Filters	Popcorn	6	NONE	
W. A. Filters	Non/Regulated Filters Non/ HAZARDOUS	7		
Ethyl Acetate and Water	Liquid	NONE		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylate Latex - 42 DRS. Teflon - 32 DRS.

Acrylic Latex - 75 DRS. G-744 Vapor Filters - 1 DR

Ethyl Acrylate - 2 DRS. G-274 " " - 1 DR

BOD Water & Sludge - 79 DRS. Dessicant - 1 DR.

Alumina - 14 DRS.

7/30/87-bcl

John Bujznak

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 9-26-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	62	NONE	
Paint Lacquer waste	Solid	8		
Paint Waste	80% Liquid 20% Solid	59		
Acrylic Resin	Methylene Chloride	19		
Polymer Residue and Filters	Popcorn	2	NONE	
W. A. Filters	Non/Regulated Filters Non/ HAZARDOUS	3		
Ethyl Acetate and Water	Liquid	NONE	—	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylic LATex - 70 DRS. Teflon - 32 DRS.

Acrylate LATex - 42 DRS. G-744 Vapor Filters - 10R.

Ethyl Acrylate - 20 RS. G-274 " " - 10R.

BOD WATER & Sludge - 79 DRS. Dessicant - 10R

Alumina - 14 DRS.

7/30/87-bcl Shipments John Bizzuck

9-28-88 (Gelled Resin) (Paint Waste)

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 9-19-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	69		
Paint Lacquer waste	Solid	9		
Paint Waste	80% Liquid 20% Solid	43		
Acrylic Resin	Methylene Chloride	19		
Polymer Residue and Filters	Popcorn	2		
W. A. Filters	Non/Regulated Filters Non/ HAZARDOUS	NONE		
Ethyl Acetate and Water	Liquid	NONE		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylic LATex - 70 DRS — Teflon - 32 DRS.

Acrylate LATex - 42 DRS. — G-744 - Vapor Filters - 1DR

ETHYL Acrylate - 2 DRS. — G-274 - " " - 1DR

BOD WATER & SLudge - 79 DRS. — Dessicant - 1DR

Alumina - 14 DRS.

7/30/87-bcl Shipments

9-26-88 (Gelled Resin - Paint Waste)

P&P AREA

TO: K. W. QUACKENBUSH

DATE: 9-12-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	52	NONE	
Paint Lacquer waste	Solid	7		
Paint Waste	80% Liquid 20% Solid	9		
Acrylic Resin	Methylene Chloride	10		
Polymer Residue and Filters	Popcorn	12	NONE	
W. A. Filters	NON/Regulated Filters NON/HAZARDOUS	8		
Ethyl Acetate and Water	Liquid	NONE		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylic Latex - 65 G-744 Vapor Filters - 1 DR

Acrylate Late - 42 G-274 Vapor Filters - 1 DR

Ethyl Acrylate - 2 Dessicant - 1

BOD Water & Sludge - 79

Alumina - 13

John Bizzniak

7/30/87-bcl

Shipments

9-13-88 - Gelled Resin - Paint Waste - W.A. Filters - Polymer Residue

HW-1

P&P AREA

TO: K. W. QUACKENBUSH

DATE: 9-6-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	30		
Paint Lacquer waste	Solid	7		
Paint Waste	80% Liquid 20% Solid	9		
Acrylic Resin	Methylene Chloride	7		
Polymer Residue and Filters	Popcorn	12		
W. A. Filters	Non/Regulated Filters Non/ HAZARDOUS	8		
Ethyl Acetate and Water	Liquid	NONE		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

ACRYLIC LATEX - 27 DRS. G-744 Vapor Filters-1DR

ACRYLATE LATEX - 42 DRS. G-274 Vapor Filters-1DR

ETHYL ACRYLATE - 2 DRS. DESSICANT - 1DR

BOD WATER & SLUDGE - 79 DRS

ALUMINA - 13 DRS.

John Bizzniak

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH

DATE: 8-29-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	34		
Paint Lacquer waste	Solid	7		
Paint Waste	80% Liquid 20% Solid	9		
Acrylic Resin	Methylene Chloride	5		
Polymer Residue and Filters	Popcorn	8		
W. A. Filters	NON/Regulated Filters NON/ HAZARDOUS	4		
Ethyl Acetate and Water	Liquid	NONE		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylic LATex - 57 DRS — G-744 Vapor Filters - 1DR

Acrylate LATex - 42 DRS. — G-274 Vapor Filters - 1DR

Ethyl Acrylate - 2DRS. — Dessicant - 1 DR.

BOD Water & Sludge - 79DRS

Alumina - 13 DRS.

"Shipments"

7/30/87-bcl

9-1-88 - "Gelled Resin" - "Acrylic LATex Emulsion"

John Brzezniak

HW-1

P&P AREA

TO: K. W. QUACKENBUSH

DATE: 8-22-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	17	NONE	
Paint Lacquer waste	Solid	3		
Paint Waste	80% Liquid 20% Solid	64		
Acrylic Resin	Methylene Chloride	15		
Polymer Residue and Filters	Popcorn	NONE		
W. A. Filters	NON/Regulated Filters NON/HAZARDOUS	4		
Ethyl Acetate and Water	Liquid	NONE		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylate Latex - 42 DRS. G-744 Vapor filters - 1 DR

Acrylic Latex - 17 DRS. G-274 Vapor filters - 1 DR

Ethyl Acrylate - 2 DRS. WPL-4-oil - 2 DRS.

BOD Water & Sludge - 79 DRS Dessicant - 1 DR

Teflon Powder - 11 DRS.

7/30/87-bcl Shipments John Brzozowski

8-24-88 - PAINT WASTE Gelled Resin - Acrylic Resin

P&P AREA

TO: K. W. QUACKENBUSH DATE: 8-15-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	17		
Paint Lacquer waste	Solid	3		
Paint Waste	80% Liquid 20% Solid	63		
Acrylic Resin	Methylene Chloride	13		
Polymer Residue and Filters	Popcorn	NONE		
W. A. Filters	NON/Regulated Filters NON/ HAZARDOUS	NONE		
Ethyl Acetate and Water	Liquid	NONE		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylate Latex - 42 DRS DESSICANT - 1 DR

Acrylic Latex - 47 DRS.

Ethyl Acrylate - 2 DRS

EDO Water & Sludge - 79 DRS

Teflon Powder - 7 DRS John Bizzaro

7/30/87-bcl

Shipments

8-17-88 - Acrylic Latex

8-24-88 - Paint Waste - Gelled Resin - Acrylic Resin

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 8-8-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	27		
Paint Lacquer waste	Solid	1		
Paint Waste	80% Liquid 20% Solid	14		
Acrylic Resin	Methylene Chloride	9		
Polymer Residue and Filters	Popcorn	11		
W. A. Filters	Non/Regulated Filters Non/ HAZARDOUS	20		
Ethyl Acetate and Water	Liquid	NONE		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylate Latex - 42 DRS Dessicant - 10R

Acrylic Latex - 47 DRS

Ethyl Acrylate - 2 DRS.

B.O.D. Water & Sludge - 79 DRS.

Teflon Powder - 9 DRS. John Bergeman

7/30/87-bcl

SHIPMENTS

8-11-88 Gelled Resin - Paint Waste - W.A. Filters - Polymer Residue

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 8-1-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	63	NONE	
Paint Lacquer waste	Solid	13		
Paint Waste	80% Liquid 20% Solid	26		
Acrylic Resin	Methylene Chloride	11		
~~Glycol & Water~~	~~Ethylene Glycol~~			
Polymer Residue and Filters	Popcorn	8	NONE	
W. A. Filters	NON Regulated Filters NON HAZARDOUS	16		
Ethyl Acetate and Water	Liquid	NONE		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDU

ACRYLATE LATEX - 42 DRS DESICANT - 1 DR

ACRYLIC LATEX - 47 DRS

ETHYL ACRYLATE - 2 DRS

BOD WATER & SLUDGE - 79 DRS

TEFLON POWDER - 9 DRS John Bezezniak

7/30/87-bcl

SHIPMENTS

8-5 88 GELLED RESIN - PAINT LACQUER - PAINT WASTE

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 7-25-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	44	NONE	
Paint Lacquer waste	Solid	11		
Paint Waste	80% Liquid 20% Solid	28		
Acrylic Resin	Methylene Chloride	7		
~~Glycol & Water~~	~~Ethylene Glycol~~			
Polymer Residue and Filters	Popcorn	5	NONE	
W. A. Filters	Non/Regulated Filters Non/HAZARDOUS	16		
Ethyl Acetate and Water	Liquid	NONE		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDU

Acrylate Latex 42 DRS. Dessicant - 1 DR

Acrylic Latex - 41 DRS

Ethyl Acrylate - 2 DRS

BOD Water & Sludge - 79 DRS

Teflon Powder - 9 DRS. John Brzezniak

7/30/87-bcl

Shipments

7-28-88 WPS-24243 - WPS-31976 - WPS-31975

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 7-11-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	1		
Paint Lacquer waste	Solid	3		
Paint Waste	80% Liquid 20% Solid	NONE		
Acrylic Resin	Methylene Chloride	NONE		
~~Glycol & Water~~	~~Ethylene Glycol~~			
Polymer Residue and Filters	Popcorn	1		
W. A. Filters	Non/Regulated Filters Non/HAZARDOUS	8		
Ethyl Acetate and Water	Liquid	NONE		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDU

Acrylate Latex - 42 DRS
Acrylic Latex - 41 DRS
Ethyl Acrylate - 2 DRS.
Gas & Sand - 2 DRS.
Dimac & Water - 6 DRS

BOD Water & Sludge - 79 DR
Teflon Powder - 9 DRS.
Desiccant - 1 DR

John [illegible]

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 7-5-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	32	NONE	
Paint Lacquer waste	Solid	1		
Paint Waste	80% Liquid 20% Solid	23		
Acrylic Resin	Methylene Chloride	19		
~~Glycol & Water~~	~~Ethylene Glycol~~			
Polymer Residue and Filters	Popcorn	7	NONE	
W. A. Filters	Non/Regulated Filters Non/HAZARDOUS	4		
Ethyl Acetate and Water	Liquid	NONE		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylate Latex - 42 DRS. BOD WATER & Sludge - 79 DRS.

Acrylic Latex - 37 DRS. Teflon Powder - 9 DRS.

Ethyl Acrylate - 2 DRS. Desiccant - 1 DR.

Gas & Sand - 2 DRS.

DMAC & WATER - 6 DRS. John Kaczmiak

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 6-27-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	9	NONE	
Paint Lacquer waste	Solid	NONE		
Paint Waste	80% Liquid 20% Solid	28	NONE	
Acrylic Resin	Methylene Chloride	11	NONE	
~~Glycol & Water~~	~~Ethylene Glycol~~			
Polymer Residue and Filters	Popcorn	2	NONE	
W. A. Filters	NON/Regulated Filters NON/HAZARDOUS	NONE		
Ethyl Acetate and Water	Liquid	NONE		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylate Latex - 42 DRS.
Acrylic Latex - 24 DRS
Ethyl Acrylate - 2 DRS.
Gas & Sand - 2 DRS.
DMAC & Water - 6 DRS.
BOD Water & Sludge - 79 DRS
Teflon Powder - 9 DRS
Desiccant - 1 DR

John Brzezniak

7/30/87-bcl

~~Desiccant~~ Desiccant

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 6-20-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	9	NONE	
Paint Lacquer waste	Solid	NONE		
Paint Waste	80% Liquid 20% Solid	8	NONE	
Acrylic Resin	Methylene Chloride	11	NONE	
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	2	NONE	
W. A. Filters	NON/Regulated Filters NON/HAZARDOUS	19		
Ethyl Acetate and Water	Liquid	7	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylate Latex - 42 DRS. BOD Water & Sludge - 79 DRS

Acrylic Latex - 24 DRS. WPL-4-Oil - 4 DRS.

Ethyl Acrylate - 2 DRS. Teflon Powder - 9 DRS

Gas & Sand - 2 DRS.

DMAC & Water - 6 DRS. * John Bryzgiuk *

7/30/87-bcl

SHIPMENTS

6-21-88 - Acrylic Latex - W.A Filters - Gelled Resin - Paint Waste

P&P AREA

TO: K. W. QUACKENBUSH DATE: 6-13-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	45	NONE	
Paint Lacquer waste	Solid	8		
Paint Waste	80% Liquid 20% Solid	27		
Acrylic Resin	Methylene Chloride	6		
~~Glycol & Water~~	~~Ethylene Glycol~~	———		
Polymer Residue and Filters	Popcorn	7	NONE	
W. A. Filters	NON/HAZARDOUS Filters NON/Regulated	15		
Ethyl Acetate and Water	Liquid	6	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylate Latex - 42 DRS. BOD Water & Sludge - 79 DRS

Acrylic Latex - 49 DRS. WPL-4-OIL - 4 DRS.

Ethyl Acrylate - 2 DRS. Teflon Powder - 9 DRS.

Gas & Sand - 2 DRS.

DMAC & Water - 6 DRS. John Brzezinski

7/30/87-bcl

SHIPMENTS

6-14-88 Gelled Resin - Paint Waste - Paint Lacquer - Polymer Residue

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 6-6-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	40		
Paint Lacquer waste	Solid	8		
Paint Waste	80% Liquid 20% Solid	19		
Acrylic Resin	Methylene Chloride	6		
~~Glycol & Water~~	~~Ethylene Glycol~~			
Polymer Residue and Filters	Popcorn	3		
W. A. Filters	NON/Regulated Filters NON/HAZARDOUS	11		
Ethyl Acetate and Water	Liquid	6		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylate Latex - 42 DRS. BOD WATER & SLUDGE - 19 DRS

Acrylic Latex - 24 DRS. WPL - 4 - OIL - 4 DRS.

ETHyL Acrylate - 2 DRS

Gas & Sand - 2 DRS.

OMAC & WATER - 6 DRS.

John Bezzniak

7/30/87-bcl

SHIPMENTS

6-15-88 Gelled Resin - Paint Waste

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 6-1-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	36		
Paint Lacquer waste	Solid	8		
Paint Waste	80% Liquid 20% Solid	NONE		
Acrylic Resin	Methylene Chloride	6		
Glycol & Water	Ethylene Glycol	—		
Polymer Residue and Filters	Popcorn	3		
W. A. Filters	Filters	11		
Ethyl Acetate and Water	Liquid	5		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylate Latex-42 DRS. Ethyl Acrylate-2 DRS.

Gas & Sand 2 DRS. WPL-4 oil-4 DRS.

Acrylic Latex-32 DRS.

DMAC & Water-6 DRS.

BOD Water & Sludge-79 DRS. John Bizzarri

7/30/87-bcl

Shipments

6-1-88 - Paint Waste & Acrylic Latex

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 5-23-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	10	NONE	
Paint Lacquer waste	Solid	12		
Paint Waste	80% Liquid 20% Solid	40		
Acrylic Resin	Methylene Chloride	2		
~~Glycol & Water~~	~~Ethylene Glycol~~			
Polymer Residue and Filters	Popcorn	NONE		
W. A. Filters	NON/HAZARDOUS Filters NON/Regulated	11		
Ethyl Acetate and Water	Liquid	4	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylate Latex - 42 DRS. Ethyl Acrylate - 2 DRS.

Gas & Sand - 2 DRS WPL - 4 oil - 4 DRS.

Acrylic Latex - 60 DRS

DMAC & Water - 6 DRS.

BOD Water & Sludge - 79 DRS. John Bujnak

7/30/87-bcl SHIPMENTS

5-25-88 Paint Waste & Acrylic Latex

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 5-16-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	45	NONE	
Paint Lacquer waste	Solid	7		
Paint Waste	80% Liquid 20% Solid	31		
Acrylic Resin	Methylene Chloride	2		
~~Glycol & Water~~	~~Ethylene Glycol~~			
Polymer Residue and Filters	Popcorn	8	NONE	
W. A. Filters	NON/HAZARDOUS Filters NON/Regulated	11		
Ethyl Acetate and Water	Liquid	4	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylate Latex - 42 DRS. BOD Water & Sludge - 79 D

Gas & Sand - 2 DRS Ethyl Acrylate - 2 DRS.

Acrylic Latex - 27 DRS. WPL - 4 - oil - 4 DRS.

Acrylic Emulsion Latex - 8 DRS.

DMAC & Water - 6 DRS. * John Brzzinski

7/30/87-bcl

Shipments

5-18-88 - Gelled Resin Waste - Paint Waste Polymer Residue & Filters

P&P AREA

TO: K. W. QUACKENBUSH DATE: 5-9-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	1	NONE	
Paint Lacquer waste	Solid	3		
Paint Waste	80% Liquid 20% Solid	31		
Acrylic Resin	Methylene Chloride	2		
~~Glycol & Water~~	~~Ethylene Glycol~~			
Polymer Residue and Filters	Popcorn	8	NONE	
W. A. Filters	NON/HAZARDOUS Filters NON/Regulated	7	—	
Ethyl Acetate and Water	Liquid	4	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylate Latex - 42 DRS. DMAC & WATER - 6 DRS

Asbestos - 1 DR. Gelled Resin & Dirt - 7 DRS.

Gas & Sand - 2 DRS. Dirt mixed with Xylene & MeK-11

Acrylic ~~Resin~~ Latex - 51 DRS. BOD Water & Sludge - 79 DRS

Acrylic Emulsion Latex - 8 DRS. Ethyl Acrylate - 2 DRS.

* 7/30/87-bcl Polyester Resin - 22 DRS. ✓ H-570 & Dirt - 5 DRS.

John Ertzman WPL - 4' oil - 4 DRS.

Shipments - 5-11-88 - Polyester Resin & Water - ALL Contaminated Dirt - Acrylic Resin Latex

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 5-2-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	56	NONE	
Paint Lacquer waste	Solid	2		
Paint Waste	80% Liquid 20% Solid	68		
Acrylic Resin	Methylene Chloride	2		
~~Glycol & Water~~	~~Ethylene Glycol~~			
Polymer Residue and Filters	Popcorn	8	NONE	
W. A. Filters	NON/Regulated Filters NON/HAZARDOUS	3		
Ethyl Acetate and Water	Liquid	3	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylic Resin Latex-51 DRS. BOD Water & Sludge-77 DRS
Acrylic Emulsion Latex-8 DRS. Ethyl Acrylate - 2 DRS.
DMAC & Water - 6 DRS. Polyester Resin - 22 DRS
Gelled Resin & Dirt - 7 DRS H-5706 Dirt - 5 DRS
Dirt Mixed with Xylene & MEK - 11 DRS. WPL-4 #2 Oil - 4 DRS.

7/30/87-bcl

John Bizzack

Shipments
5-4-88 WFS-24243-31976-

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 4-25-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	88	NONE	
Paint Lacquer waste	Solid	2		
Paint Waste	80% Liquid 20% Solid	23		
Acrylic Resin	Methylene Chloride	1		
~~Glycol & Water~~	~~Ethylene Glycol~~			
Polymer Residue and Filters	Popcorn	8	NONE	
W. A. Filters	NON/Regulated Filters NON/HAZARDOUS	32		
Ethyl Acetate and Water	Liquid	2	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylic Resin Latex - 51 DRS.
Acrylic Emulsion Latex - 8 DRS.
DMAC + Water - 6 DRS.
Gelled Resin & Water - 49 DRS.
Gelled Resin & DIRT - 7 DRS
BOD Water & Sludge - 79 DRS
Ethyl Acrylate - 2 DRS.
Polyester Resin - 22 DRS
H-570 & DIRT - 5 DRS.
WPL-4-OIL - 4 DRS.
DIRT WITH Xylene & MeK - 11 DRS

7/30/87-bcl SHIPMENTS

4-27-88 Gelled Resin + Water
W.A. Filters

John Bizzarro

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 4-18-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	19	NONE	
Paint Lacquer waste	Solid	2		
Paint Waste	80% Liquid 20% Solid	13		
Acrylic Resin	Methylene Chloride	NONE		
~~Glycol & Water~~	~~Ethylene Glycol~~			
Polymer Residue and Filters	Popcorn	4	NONE	
W. A. Filters	NON/Regulated Filters NON/HAZARDOUS	28		
Ethyl Acetate and Water	Liquid	NONE		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Acrylic Resin Latex - 51 DRS.
Acrylic Emulsion Latex - 8 DRS.
DMAC + Water - 6 DRS.
Gelled Resin & Water - 49 DRS.
Gelled Resin & DIRT - 7 DRS.
BOD Water & Sludge - 79 DRS.
Ethyl Acrylate - 2 DRS.
Polyester Resin - 22 DRS.
H-570 & DIRT - 5 DRS.
WPL-4-OIL - 4 DRS.
DIRT with Xylene & MeK - 11 DRS.

7/30/87-bcl Shipments

4-27-88 Gelled Resin & Water - W.A. Filters

John Brzozniak

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 4-11-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	13	NONE	
Paint Lacquer waste	Solid	18		
Paint Waste	80% Liquid 20% Solid	52		
Acrylic Resin	Methylene Chloride	1		
Glycol & Water	Ethylene Glycol	—		
Polymer Residue and Filters	Popcorn	4	NONE	
W. A. Filters	NON/Regulated Filters NON/HAZARDOUS	28	NONE	
Ethyl Acetate and Water	Liquid	NONE		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

DMAC + Water - 6 DRS
Dirt with Xylene & MEK - 11 DRS
Gelled Resin & Water - 47 DRS
BOC Water & Sludge - 79 DRS
Acrylic Emulsion Latex - 8 DRS
Ethyl Acrylate 1 DR
Polyester Resin 22 DRS
H-570 & Dirt - 5 DRS
Gelled Resin & Dirt - 7 DRS
WPL 4 - Oil - 4 DRS

7/30/87-bcl

Shipments 29242 29243
4-13-88 80 DRS WRS-31976 31979-31975

John Bygum

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 4-4-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	12	NONE	
Paint Lacquer waste	Solid	16		
Paint Waste	80% Liquid 20% Solid	27		
Acrylic Resin	Methylene Chloride	1		
Glycol & Water	Ethylene Glycol	—		
Polymer Residue and Filters	Popcorn	4	NONE	
W. A. Filters	NON/Regulated Filters NON/HAZARDOUS	24		
Ethyl Acetate and Water	Liquid	NONE		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

WPL-4 with w
DMAC + WATER - 6 DRS.
DIRT Mixed with Xylene + MEK - 8 DRS.
Gelled Resin & WATER - 49 DRS.
BOD WATER & SLudge - 79 DRS
Acrylic Emulsion LATEX - 8 DRS.

ETHYL ACRYLATE - 1 DR
Polyester Resin - 22 DRS.
N-570 & DIRT - 5 DRS.
Gelled Resin & DIRT - 7 DRS
(John Bezzniak)

7/30/87-bcl

SHIPMENTS
4-6-88 WPS-31975 & WPS-31503
4-13-88 WPS-31975-31976-31978-24243
24242

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 3-28-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	1	NONE	
Paint Lacquer waste	Solid	53		
Paint Waste	80% Liquid 20% Solid	8		
Acrylic Resin	Methylene Chloride	1		
~~Glycol & Water~~	~~Ethylene Glycol~~			
Polymer Residue and Filters	Popcorn	NONE		
W. A. Filters	NON/Regulated Filters NON/HAZARDOUS	20		
Ethyl Acetate and Water	Liquid	NONE		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

#6 Fuel oil & Water - 26 DRS. Acrylic Emulsion - 8 DRS.

OMAC + Water - 6 DRS. ETHyL Acrylate - 1 DR

DIRT & Xylene & MEK - 8 DRS. Polyester Resin - 22 DRS.

Gelled Resin & Water - 49 DRS. H-570 & DIRT - 5 DRS.

BOD Water & Sludge - 79 DRS Gelled Resin & DIRT 70 DRS

Ship Ments

7/30/87-bcl March 30

April 6

April 13

John Bizzarro

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 3-21-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	21	NONE	
Paint Lacquer waste	Solid	51		
Paint Waste	80% Liquid 20% Solid	44		
Acrylic Resin	Methylene Chloride	1		
~~Glycol & Water~~	~~Ethylene Glycol~~			
Polymer Residue and Filters	Popcorn	3	NONE	
W. A. Filters	NON/Regulated Filters NON/HAZARDOUS	20		
Ethyl Acetate and Water	Liquid	5		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

#6 Fuel oil & WATER - 26 DRS

Gelled Resin & WATER - 49 DRS

BOD WATER & SLUDGE - 79 DRS

Acrylic Emulsion LATEX - 8 DRS

ETHYL ACRYLATE - 1 DR

7/30/87-bcl

John Bzymiak

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 3-14-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	29	NONE	
Paint Lacquer waste	Solid	48		
Paint Waste	80% Liquid 20% Solid	88		
Acrylic Resin	Methylene Chloride	13		
Glycol & Water	Ethylene Glycol	—		
Polymer Residue and Filters	Popcorn	3	NONE	
W. A. Filters	NON/Regulated Filters NON/Hazardous	16		
Ethyl Acetate and Water	Liquid	5		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Gelled Resin & Dirt - 7 DRS

Gelled Resin & Water - 49 DRS.

BOD Water & Sludge - 79 DRS

Acrylic Emulsion Latex - 8 DRS.

Ethyl Acrylate - 2 DRS.

John Bizzniak

7/30/87-bcl

P&P AREA

TO: K. W. QUACKENBUSH DATE: 3-7-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	87	NONE	
Paint Lacquer waste	Solid	45		
Paint Waste	80% Liquid 20% Solid	56		
Acrylic Resin	Methylene Chloride	34		
~~Glycol & Water~~	~~Ethylene Glycol~~	—		
Polymer Residue and Filters	Popcorn	17		
W. A. Filters	NON/Regulated Filters NON/HAZARDOUS	16		
Ethyl Acetate and Water	Liquid	5	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT - 5 DRS. ETHyL Acrylate - 2 DRS.

Gelled Resin & DIRT - 7 DRS

Gelled Resin & WATER - 49 DRS.

BOD WATER & Sludge - 79 DRS

Acrylic Emulsion LATEX - 8 DRS.

7/30/87-bcl

John Brozuk

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 2-29-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	167	NONE	
Paint Lacquer waste	Solid	39		
Paint Waste	80% Liquid 20% Solid	48		
Acrylic Resin	Methylene Chloride	33		
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	13	NONE	
W. A. Filters	NON/Regulated Filters NON/HAZARDOUS	12		
Ethyl Acetate and Water	Liquid	2		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT - 5 DRS. ETHYL ACRYLATE - 2 DRS.

Gelled Resin & DIRT - 7 DRS.

Gelled Resin & WATER - 49 DRS.

BOD WATER & SLUDGE - 79 DRS

Acrylic Emulsion LATEX - 8 DRS.

John Bizzarro

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 2-22-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	160	NONE	
Paint Lacquer waste	Solid	32		
Paint Waste	80% Liquid 20% Solid	36		
Acrylic Resin	Methylene Chloride	30		
~~Glycol & Water~~	~~Ethylene Glycol~~			
Polymer Residue and Filters	Popcorn	13	NONE	
W. A. Filters	Filters N/R N/H	20		
Ethyl Acetate and Water	Liquid	2		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT - 5 DRS. ETHYL ACRYLATE - 2 DRS.

Gelled Resin & DIRT - 7 DRS

Gelled Resin & WATER - 36 DRS.

BOD WATER & SLUDGE - 79 DRS

Acrylic Emulsion LATER - 8 DRS.

John Grzzniak

7/30/87-bcl

P&P AREA

TO: K. W. QUACKENBUSH DATE: 2-15-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	153	NONE	
Paint Lacquer waste	Solid	26		
Paint Waste	80% Liquid 20% Solid	97		
Acrylic Resin	Methylene Chloride	31		
~~Glycol & Water~~	~~Ethylene Glycol~~	NONE		
Polymer Residue and Filters	Popcorn	10	NONE	
~~W. A. Filters~~	~~Filters~~	N/R N/H		
Ethyl Acetate and Water	Liquid	2	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

W.A. Filters - 16 DRS N/R N/H H-721 Line drains - 1 DR

H-570 & DIRT - 5 DRS. Acrylic Emulsion - 8 DRS N/R N/H

Gelled Resin & DIRT - 7 DRS

Gelled Resin & WATER - 36 DRS.

BOD WATER & Sludge - 19 DRS N/R N/H

7/30/87-bcl

John Brasseur

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 2-8-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	113	NONE	
Paint Lacquer waste	Solid	21		
Paint Waste	80% Liquid 20% Solid	83		
Acrylic Resin	Methylene Chloride	22		
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	8		
W. A. Filters	Filters	12		
Ethyl Acetate and Water	Liquid	2	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT - 5 DRS. H-721 Line Drains 1 DR

Gelled Resin & WATER - 36 DRS.

Gelled Resin & DIRT - 7 DRS N/R-N/H

BOD WATER & Sludge - 79 DRS N/R-N/H

Acrylic Emulsion LATEX - 8 DRS N/R-N/H

7/30/87-bcl

John Bezzuck

P&P AREA

TO: K. W. QUACKENBUSH DATE: 2-1-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	105	NONE	
Paint Lacquer waste	Solid	14		
Paint Waste	80% Liquid 20% Solid	74		
Acrylic Resin	Methylene Chloride	38		
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	8		
W. A. Filters	Filters	20		
Ethyl Acetate and Water	Liquid	2	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT - 5 DRS. H-721 Live Resins - 10 DR.

Gelled Resin & DIRT - 7 DRS - N/R

Gelled Resin & WATER - 36 DRS.

BOD WATER & Sludge - 79 DRS - N/R

Acrylic Emulsion Latex - 8 DRS N/R

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 1-25-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	62	NONE	
Paint Lacquer waste	Solid	3		
Paint Waste	80% Liquid 20% Solid	63		
Acrylic Resin	Methylene Chloride	28		
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	6		
W. A. Filters	Filters	20		
Ethyl Acetate and Water	Liquid	2	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT - 5 DRS H-721 Live Drains - 1 DR.

Gelled Resin & DIRT - 7 DRS

Gelled Resin & WATER - 36 DRS

800 WATER & Sludge - 79 DRS

Acrylic Emulsion LATex - 8 DRS

7/30/87-bcl

P&P AREA

TO: K. W. QUACKENBUSH DATE: 1-13-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	68	NONE	
Paint Lacquer waste	Solid	14		
Paint Waste	80% Liquid 20% Solid	105		
Acrylic Resin	Methylene Chloride	23		
Glycol & Water	Ethylene Glycol	—		
Polymer Residue and Filters	Popcorn	.8		
W. A. Filters	Filters	16		
Ethyl Acetate and Water	Liquid	2	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT - 5 DRS

Gelled Resin & DIRT - 5 DRS

Gelled Resin & WATER - 36 DRS

B00 WATER & Sludge - 79 DRS

Acrylic Emulsion Latex - 8 DRS

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 1-11-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	52	NONE	
Paint Lacquer waste	Solid	14		
Paint Waste	80% Liquid 20% Solid	78		
Acrylic Resin	Methylene Chloride	20		
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	4		
W. A. Filters	Filters	12		
Ethyl Acetate and Water	Liquid	1	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT - 5 DRS.

Gelled Resin & WATER - 36 DRS.

Gelled Resin & DIRT - 5 DRS.

BOD WATER & SLudge - 79 DRS

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 1-5-88

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	49	NONE	
Paint Lacquer waste	Solid	14		
Paint Waste	80% Liquid 20% Solid	76		
Acrylic Resin	Methylene Chloride	16		
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	3	NONE	
W. A. Filters	Filters	12		
Ethyl Acetate and Water	Liquid	1		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT - 5 DRS

Gelled Resin & WATER - 36 DRS.

Gelled Resin & DIRT - 7 DRS

BOD WATER & Sludge - 79 DRS

Acrylic Emulsion - 83 DRS.

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 12-28-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	45		
Paint Lacquer waste	Solid	14		
Paint Waste	80% Liquid 20% Solid	49		
Acrylic Resin	Methylene Chloride	16		
Glycol & Water	Ethylene Glycol	—		
Polymer Residue and Filters	Popcorn	3		
W. A. Filters	Filters	8		
Ethyl Acetate and Water	Liquid	1		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT - 5 DRS.

Gelled Resin & WATER - 36 DRS

Gelled Resin & DIRT - 7 DRS

BOD WATER & Sludge - 79 DRS

Acrylic Emulsion - 83 DRS

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 12-21-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	34	NONE	
Paint Lacquer waste	Solid	10		
Paint Waste	80% Liquid 20% Solid	35		
Acrylic Resin	Methylene Chloride	16		
Glycol & Water	Ethylene Glycol	[redacted]		
Polymer Residue and Filters	Popcorn	3		
W. A. Filters	Filters	8		
Ethyl Acetate and Water	Liquid	1	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT - 5 DRS.

Gelled Resin & DIRT - 7 DRS

Gelled Resin & WATER - 36 DRS.

BOD WATER & SLUDGE - 79 DRS

Acrylic Emulsion - 83 DRS.

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 12-14-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	32	NONE	
Paint Lacquer waste	Solid	10		
Paint Waste	80% Liquid 20% Solid	77		
Acrylic Resin	Methylene Chloride	28		
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	1	NONE	
W. A. Filters	Filters	12		
Ethyl Acetate and Water	Liquid	1		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT - N/R 5 DRS.

Gelled Resin & DIRT - 7 DRS

Gelled Resin & WATER - 36 DRS.

BOD WATER & Sludge - 79 DRS

Acrylic Emulsion LATEX - 49 DRS

7/30/87-bcl

P&P AREA

TO: K. W. QUACKENBUSH DATE: 12-7-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	22	NONE	
Paint Lacquer waste	Solid	10		
Paint Waste	80% Liquid 20% Solid	68		
Acrylic Resin	Methylene Chloride	12		
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	1	NONE	
W. A. Filters	Filters	4		
Ethyl Acetate and Water	Liquid	1		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT - N/R 5 DRS.

Gelled Resin & DIRT N/R - 7 DRS

Gelled Resin & WATER - 36 DRS

BOD - WATER & Sludge - N/R - 79 DRS.

Acrylic Emulsion LATEX - 49 DRS.

7/30/87-bcl

P&P AREA

TO: K. W. QUACKENBUSH DATE: 11-30-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	16		
Paint Lacquer waste	Solid	7		
Paint Waste	80% Liquid 20% Solid	50		
Acrylic Resin	Methylene Chloride	10		
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	NONE		
W. A. Filters	Filters	4		
Ethyl Acetate and Water	Liquid	1		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT - N/R - 5 DRS

Gelled Resin & DIRT - N/R - 7 DRS

Gelled Resin & WATER - 36 DRS.

BOD WATER & SLUDGE - N/R 84 DRS.

Acrylic Emulsion - N/R - 49 DRS.

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 11-23-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	12		
Paint Lacquer waste	Solid	7		
Paint Waste	80% Liquid 20% Solid	44		
Acrylic Resin	Methylene Chloride	10		
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	NONE		
W. A. Filters	Filters	4		
Ethyl Acetate and Water	Liquid	1		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT - N/R - 5 DRS

Gelled Resin & DIRT - N/R - 7 DRS

Gelled Resin & Water - 36 DRS

BOD Water & Sludge - N/R 84 DRS

Acrylic Emulsion - N/R - 51 DRS

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 11-16-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	32	NONE	
Paint Lacquer waste	Solid	19		
Paint Waste	80% Liquid 20% Solid	24		
Acrylic Resin	Methylene Chloride	1	NONE	
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	3	NONE	
W. A. Filters	Filters	12		
Ethyl Acetate and Water	Liquid	1		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT N/R - 5 DRS.

GELLED RESIN & DIRT - N/R 7 DRS

GELLED RESIN & WATER - 36 DRS.

BOD WATER & SLUDGE - N/R 88 DRS.

ACRYLIC EMULSION - N/R - 49 DRS.

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 11-9-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	31		
Paint Lacquer waste	Solid	19		
Paint Waste	80% Liquid 20% Solid	7		
Acrylic Resin	Methylene Chloride	1		
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	2		
W. A. Filters	Filters	8		
Ethyl Acetate and Water	Liquid	1		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

H-570 & DIRT N/R - 5 DRS

Gelled Resin & DIRT - 7 DRS - N/R

Gelled Resin & WATER - 36 DRS

EOD WATER & SLudge - 88 DRS N/R

Acrylic Emulsion N/R - 46 DRS.

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 11-2-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	13	NONE	
Paint Lacquer waste	Solid	18		
Paint Waste	80% Liquid 20% Solid	15	NONE	
Acrylic Resin	Methylene Chloride	NONE		
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	2	NONE	
W. A. Filters	Filters	NONE		
Ethyl Acetate and Water	Liquid	1	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Gelled Resin & Dirt 7 DRS

Gelled Resin & Water 36 DRS

Acrylic Emulsion N/R 45 DRS

800 Water & Sludge - 88 DRS N/R

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 10-26-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	13	NONE	
Paint Lacquer waste	Solid	18		
Paint Waste	80% Liquid 20% Solid	40		
Acrylic Resin	Methylene Chloride	11		
Glycol & Water	Ethylene Glycol	21		
Polymer Residue and Filters	Popcorn	12		
W. A. Filters	Filters	NONE		
Ethyl Acetate and Water	Liquid	1	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Gelled Resin & Dirt / N/R - 4 DRS

Gelled Resin & WATER - 36 DRS

Acrylic Emulsion N/R - 42

BOD WATER & Sludge - 38 DRS - N/R

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 10-19-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	76	3	
Paint Lacquer waste	Solid	22	NONE	
Paint Waste	80% Liquid 20% Solid	27		
Acrylic Resin	Methylene Chloride	1		
Glycol & Water	Ethylene Glycol	9		
Polymer Residue and Filters	Popcorn	12	NONE	
W. A. Filters	Filters	NONE		
Ethyl Acetate and Water	Liquid	NONE		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Gelled Resin & DIRT - 8 DRS

Gelled Resin & WATER - 36 DRS

N/R 23 DRS

BOC SLUDGE & WATER - 88 DRS

Teflon Acid WASH - 1 DR

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 10-12-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	30	3	
Paint Lacquer waste	Solid	19	NONE	
Paint Waste	80% Liquid 20% Solid	37	NONE	
Acrylic Resin	Methylene Chloride	1	NONE	
Glycol & Water	Ethylene Glycol	9	NONE	
Polymer Residue and Filters	Popcorn	4	NONE	
W. A. Filters	Filters	8	NONE	
Ethyl Acetate and Water	Liquid	9	9	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

~~Dowtherm & DIRT - 1~~ N/R - 23 DRS

~~H-216 + DIRT - 4~~ Sludge & WATER 88

Gelled Resin & DIRT - 17 Teflon Acid Wash - 1

~~Mixed Acrylates - 3~~

Gelled Resin & WATER - 36

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 10-5-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	13	4	
Paint Lacquer waste	Solid	12	NONE	
Paint Waste	80% Liquid 20% Solid	24	NONE	
Acrylic Resin	Methylene Chloride	NONE	1	
Glycol & Water	Ethylene Glycol	9	NONE	
Polymer Residue and Filters	Popcorn	NONE		
W. A. Filters	Filters	8	NONE	
Ethyl Acetate and Water	Liquid	9	9	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

✓ DowTherm & DIRT - 1 - 7-22-87 NON-Reg - 23DRS.

✓ H-216 & DIRT - 4 2-7-21-87 / 2-7-20-87 / Sludge & WATER (BOD) 88 DRS.

✓ Gelled Resin & DIRT 10 - 8-7-30-87 / 2-10-5-87 Teflon Acid WASH - 10-2-87 - 10

✓ Mixed Acrylates - 3 1-8-20-87 / 1-9-24-87 / 1-8-4-87

✓ Gelled Resin & WATER 36 - 9-18-87

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 9-28-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	7	7	
Paint Lacquer waste	Solid	NONE		
Paint Waste	80% Liquid 20% Solid	NONE		
Acrylic Resin	Methylene Chloride	NONE		
Glycol & Water	Ethylene Glycol	9		
Polymer Residue and Filters	Popcorn	NONE		
W. A. Filters	Filters	4	NONE	
Ethyl Acetate and Water	Liquid	9	8	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

DowTherm & DIRT - 1 DR 7/12 N/R - 14 DRS

H-216 & DIRT - 4 DRS 7/24/87 SLudge & WATER - 88 DRS

Gelled Resin & DIRT - 8 DRS 7/30 CONTAMINATED Hose - 12 DRS

Mixed Acrylates - 3 DRS 8/20

Gelled Resin & WATER - 36 DRS 9-18-87

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 9-21-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	20	NONE	
Paint Lacquer waste	Solid	7		
Paint Waste	80% Liquid 20% Solid	4		
Acrylic Resin	Methylene Chloride	3		
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	6		
W. A. Filters	Filters	5		
Ethyl Acetate and Water	Liquid	9	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

Downstream & Dirt - 1 DR

H-216 & Dirt - 4 DRS (9/23 - Ross 80 DRS WPS 24239 24243-24240)

Gelled Resin & Dirt - 8 DRS N/R - 14 DRS

Mixed Acrylates - ~~5~~ 3 DRS Sludge + H2O - 83 DRS

Gelled Resin & Water - 36 DRS Vacuum TK. Hose - 12 DRS

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 9-8-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	32	NONE	
Paint Lacquer waste	Solid	5		
Paint Waste	80% Liquid 20% Solid	23		
Acrylic Resin	Methylene Chloride	3		
Glycol & Water	Ethylene Glycol	NONE		
Polymer Residue and Filters	Popcorn	3		
W. A. Filters	Filters	1		
Ethyl Acetate and Water	Liquid	8	NONE	

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 8-24-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	32	NONE	—
Paint Lacquer waste	Solid	17		
Paint Waste	80% Liquid 20% Solid	9		
Acrylic Resin	Methylene Chloride	3		
Glycol & Water	Ethylene Glycol	0		
Polymer Residue and Filters	Popcorn	0		
W. A. Filters	Filters	20		
Ethyl Acetate and Water	Liquid	8	NONE	—

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

80 DRS 9-2-87 WPS 24240

T/W TK# 511 8-27-87 & 9-2-87 RC-963 WPS-24243

58 DRS - 8-24-87 X11008 Glycol & WATER

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 8-17-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	40	None	
Paint Lacquer waste	Solid	10		
Paint Waste	80% Liquid 20% Solid	18		
Acrylic Resin	Methylene Chloride	33		
Glycol & Water	Ethylene Glycol	45	18	
Polymer Residue and Filters	Popcorn	4	None	
W. A. Filters	Filters	12		
Ethyl Acetate and Water	Liquid	8		

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

8-20-87 80 DRS. WPS-24243-24242-24240-24239

9-2-87 80 DRS. WPS-24240

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 8-10-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	35	NONE	NONE
Paint Lacquer waste	Solid	4		
Paint Waste	80% Liquid 20% Solid	21		
Acrylic Resin	Methylene Chloride	33		
Glycol & Water	Ethylene Glycol	19		
Polymer Residue and Filters	Popcorn	4		
W. A. Filters	Filters	4		
Ethyl Acetate and Water	Liquid	1	NONE	NONE

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

8/11 - WPS - 23715 - 24239 - 24241 - 24242 - 24244

9/2 - WPS - 24240

7/30/87-bcl

HW-1

P&P AREA

TO: K. W. QUACKENBUSH DATE: 8-4-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRS.)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	16	NONE	✓
Paint Lacquer waste	Solid	25		
Paint Waste	80% Liquid 20% Solid	39		
Acrylic Resin	Methylene Chloride	32		
Glycol & Water	Ethylene Glycol	18		
Polymer Residue and Filters	Popcorn	8		
W. A. Filters	Filters	20		
Ethyl Acetate and Water	Liquid	7	NONE	✓

WASTE PAD MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO PRODUCTION SUPERINTENDENT'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

7/30/87-bcl

P&P AREA

TO: R. C. WRITER

DATE: 7-27-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRUMS)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	76	NONE	NONE
Paint Lacquer Waste	Solid	16		
Paint Waste	80% Liquid 20% Solid	30		
Acrylic Resin	Methylene Chloride	32		
Glycol & Water	Ethylene Glycol	18		
Polymer Residue and Filters	Popcorn	4		
W. A. Filters	Filters	16		
ETHyL Acetate & WATER	Liquid	6	NONE	NONE

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER' OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

P&P AREA

TO: R. C. WRITER DATE: 7-20-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRUMS)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	81	NONE	NONE
Paint Lacquer Waste	Solid	8	NONE	
Paint Waste	80% Liquid 20% Solid	66	NONE	
Acrylic Resin	Methylene Chloride	28	NONE	
Glycol & Water	Ethylene Glycol	18	NONE	
Polymer Residue and Filters	Popcorn	4	NONE	
W. A. Filters	Filters	12	NONE	NONE

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER' OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

7-22-87 80 DRS WRS-24243 & 24239

P&P AREA

TO: R. C. WRITER DATE: 7-13-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT. (DRUMS)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	95	NONE	NONE
Paint Lacquer Waste	Solid	43	NONE	NONE
Paint Waste	80% Liquid 20% Solid	37	2	NONE
Acrylic Resin	Methylene Chloride	16	6	NONE
Glycol & Water	Ethylene Glycol	18	NONE	NONE
Polymer Residue and Filters	Popcorn	NONE		
W. A. Filters	Filters	12	NONE	NONE

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER' OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

7-15-87 80 DRS. Liq. & Solid WPS-24243-24242-23715

7-22-87 80 DRS. Liq. WPS-24243-24239

P&P AREA

TO: R. C. WRITER

DATE: 7-6-87

HAZARDOUS WASTE INVENTORY

NAME OF WASTE	DESCRIPTION	AMT.(DRUMS)	OVER 60 DAYS	OVER 90 DAYS
Gelled Resin Waste	Liquid	172	NONE	NONE
Paint Lacquer Waste	Solid	39	NONE	NONE
Paint Waste	80% Liquid 20% Solid	15	NONE	NONE
Acrylic Resin	Methylene Chloride	12	NONE	NONE
Glycol & Water	Ethylene Glycol	18	NONE	NONE
Polymer Residue and Filters	Popcorn	NONE		
W. A. Filters	Filters	8	NONE	NONE

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER' OFFICE OR PLACE IN MAIL SLOT.

SHIPMENT SCHEDULE

7-8-87 80 DRS WPS-24243 Liquid

7-15-87 80 DRS WPS-24243 & 23715 - Liq & Solid

7-22-87 80 DRS WPS-24243 & 24242 - Liq & Meth Chlo.

P. & P. AREA

TO R.C. WRITER

DATE 5-22-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	154	54	NONE
SOLID WASTE	WPS-23715	59	17	NONE
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	13	4	NONE
H-203 WASH	WPS-24242	12	NONE	NONE
GLYCOL & WATER	X11008 P/N#013046DD	18	NONE	NONE
~~STILL 121 DRAINS~~				
~~POPCORN~~	WPS-24244			
~~SALVAGE DRUMS~~	WPS-24240			
~~20/LIQUID 80/SOLID~~				

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

5-24-87 [illegible] WPS-24242-24239-23715

7-1-87 [illegible] WPS-24243

7-8-87 [illegible] WPS-24243-23715

P. & P. AREA

TO R.C. WRITER

DATE 6-15-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	204	109	NONE
SOLID WASTE	WPS-23715	55	15	NONE
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	18	8	10
H-203 WASH	WPS-24242	42	2	23
GLYCOL & WATER	X11008 P/N#0130460D	13	NONE	NONE
H-314 WATER		25	10	13 *
MONOMER-WATER DICYCLOPENTADIENE (WET)		X11009-36 X11010-11	36	10
SALVAGE DRUMS	X11008 WPS 24239 WPS 24243 WPS-24244 WPS-23715 H-314 & WATER	21	—	15

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

6-16-87 80 DRS WPS-24239 24244 24240 23715 24240
6-18-87 [redacted]S 46 DRS X11009 & X11010
6-24-87 80 LIQ WPS-24243
7-1-87 80 LIQ WPS-24243
6-19-87 80 LIQ WPS-24243 & [redacted]23715

P. & P. AREA

TO R.C. WRITER

DATE 6-8-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	479	150	243
SOLID WASTE	WPS-23715	45	34	2
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	80	—	80
H-203 ISH	WPS-24242	76	20	4
GLYCOL & WATER	P/N#013046DD	158	60	50
~~STILL 121 DRAINS~~				
POPCORN	WPS-24244	NONE	—	—
SALVAGE DRUMS	WPS-23715	14		12
	[redacted] WPS-24245	4	2	1
20/LIQUID 80/SOLID		15	—	15

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

6-10-87 160 DRS WPS-24243
6-11-87 80 DRS WPS-24239 & WPS-23715
6-24-87 80 DRS WPS-24243
7-1-87 80 DRS WPS-24243
7-8-87 80 DRS WPS-24243

P. & P. AREA

TO R.C. WRITER

DATE 6-5-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	479	150	243
SOLID WASTE	WPS-23715	45	34	2
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	80	—	80
H-203 WASH	WPS-24242	76	20	NONE
GLYCOL & WATER	P/N#013046DD	158	60	50
~~STILL 181 DRAINS~~				
POPCORN	WPS-24244	10	—	10
SALVAGE DRUMS	WPS-23715	12	—	12
	[redacted] WPS-24243	3	3	1
20/LIQUID 80/SOLID		30	—	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

P. & P. AREA

TO R.C. WRITER

DATE 6-1-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	420	140	~~280~~ 185
SOLID WASTE	WPS-23715	100	~~40~~ 50	~~40~~ 40 60
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	80	—	80
H-203 WASH	~~WPS-24242~~	76	20	NONE
GLYCOL & WATER	P/N#013046DD	100	40	50 ~~NONE~~
~~STILL 121 DRAINS~~				
POPCORN	WPS-24244	10	—	10
SALVAGE DRUMS	~~WPS-23~~ WPS-~~24240~~	15 18	15 16	13 4
20/LIQUID 80/SOLID		30	—	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

6-3-87	80 DRS	Liq Waste	WPS-24243
6-24-87	80 DRS	Liq Waste	WPS-24243
7-1-87	80 DRS	Liq Waste	WPS-24243
7-8-87	80 DRS	Liq Waste	WPS-24243
7-8-87	TK 625	P/N# 010774BK	

P. & P. AREA

TO R.C. WRITER

DATE 5-26-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	410	140	100
SOLID WASTE	WPS-23715	90	50	40
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	80	—	80
H-203 WASH	WPS-24242	73	20	NONE
GLYCOL & WATER	P/N#0130460D	90	40	NONE
~~STILL 121 DRAINS~~				
POPCORN	WPS-24244	10	—	10
SALVAGE DRUMS	WPS-24240	18	12	NONE
20/LIQUID 80/SOLID		30	—	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

6-3-87 80 DRS LIQ WASTE WPS-24243
6-24-87 80 DRS LIQ WASTE WPS-24243
7-1-87 80 DRS LIQ WASTE WPS-24243
7-8-87 80 DRS LIQ WASTE WPS-24243

P. & P. AREA

TO R.C. WRITER

DATE 5-18-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	380	100	70
SOLID WASTE	WPS-23715	90	50	40
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	80	40	40
H-203 WASH	WPS-24242	68	16	NONE
GLYCOL & WATER	P/N#013046DD	90	NONE	NONE
~~STILL 121 DRAINS~~				
POPCORN	WPS-24244	10	—	10
SALVAGE DRUMS	WPS-24240	18	8	NONE
20/LIQUID 80/SOLID		30	—	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

80 DRS Liquid 6-3-87 WPS-24243

80 DRS Liquid 6-17-87 WPS-24243

80 DRS Liquid 7-3-87 WPS-24243

BOR

P. & P. AREA

TO R.C. WRITER

DATE 5-11-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	450	100	70
SOLID WASTE	WPS-23715	77	50	30
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	80	40	40
H-203 WASH	WPS-24242	60	12	NONE
GLYCOL & WATER	P/N#0130460D	90	NONE	NONE
~~STILL 101 DRAINS~~				
POPCORN	WPS-24244	10	10	10
SALVAGE DRUMS	WPS-24240	18	8	NONE
20/LIQUID 80/SOLID		30	—	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

5-13-87 80 DRS. Liq. WASTE WPS-24243

P. & P. AREA

TO R.C. WRITER

DATE 5-4-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	530	150	100
SOLID WASTE	WPS-23715	70	50	20
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	80	40	40
H-203 WASH	WPS-24242	53	12	NONE
GLYCOL & WATER	P/N#013046DD	90	NONE	NONE
~~STILL 121 DRAINS~~				
POPCORN	WPS-24244	10	10	10
SALVAGE DRUMS	WPS-24240	18	8	NONE
20/LIQUID 80/SOLID		30	—	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

5-8-87 LIQ WASTE WPS-24243 & 24242 80 DRS

5/18→ 5-15-87 LIQ WASTE WPS-24243 80 DRS

5-18-87 LIQ WASTE P/N# 013045-00 80 DRS.

P. & P. AREA

TO R.C. WRITER

DATE 4-28-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	530	100	100
SOLID WASTE	WPS-23715	70	30	40
80/LIQUID 20/SOLID	P/N #T0774FB WPS-24239	80	40	40
H-203 WASH	WPS-24242	53	12	NONE
GLYCOL & WATER	P/N#013046DD	70	NONE	NONE
~~STILL T21 DRAINS~~				
POPCORN	WPS-24244	10	~~10~~	10 NONE
SALVAGE DRUMS	WPS-24240	18	8	NONE
20/LIQUID 80/SOLID		30	30	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

5-8-87 LIQUID WPS-24243 & 24242

5-15-87 LIQUID WPS-24243

P. & P. AREA

TO R.C. WRITER

DATE 4-20-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	530	100	100
SOLID WASTE	WPS-23715	120	50	50
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	80	40	40
H-203 WASH	WPS-24242	53	8	NONE
GLYCOL & WATER	P/N#013046DD	150	NONE	NONE
~~STILL 121 BRAINS~~				
POPCORN	WPS-24244	40	40	40
SALVAGE DRUMS	WPS-24240	18	8	NONE
20/LIQUID 80/SOLID		30	—	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

4-22-87 80 DRS Polyester WASTE P.O.# 013046-DD
4-24-87 80 DRS Solid WASTE WPS-24244 & 23715
5-8-87 80 DRS Liq WASTE WPS-24243 & 24242
5-15-87 80 DRS Liq WASTE WPS-24243

P. & P. AREA

TO R.C. WRITER

DATE 4-13-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	450	100	80
SOLID WASTE	WPS-23715	120	50	50
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	80	40	30
H-203 WASH	WPS-24242	45	NONE	NONE
GLYCOL & WATER	P/N#013046DD	100	NONE	NONE
~~STILL 121 DRAINS~~				
POPCORN	WPS-24244	40	32	32
SALVAGE DRUMS	WPS-24240	18	4	NONE
20/LIQUID 80/SOLID		30	30	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

P. & P. AREA

TO R.C. WRITER

DATE 4-6-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	240	40	60
SOLID WASTE	WPS-23715	120	50	50
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	80	40	30
H-203 WASH	WPS-24242	30	NONE	NONE
GLYCOL & WATER	P/N#013046DD	100	NONE	NONE
~~STILL 121 DRAINS~~	—			
POPCORN	WPS-24244	40	32	32
SALVAGE DRUMS	WPS-24240	18	4	NONE
20/LIQUID 80/SOLID		30	30	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

4-24-87 80 DRS Solid & Popcorn WPS-23715&24244

4-87 160 DRS Liquid Waste WPS-24243

4-87 80 DRS Polyester Waste P/N#013046-DD

4-87 TK# 625 Bulk P/N# 010774

P. & P. AREA

TO R.C. WRITER

DATE 3-30-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	240	40	60
SOLID WASTE	WPS-23715	120	50	50
80/LIQUID 20/SOLID	P/N #T0774FB WPS-24239	80	40	30
H-203 WASH	~~WPS-24242~~	27	NONE	NONE
GLYCOL & WATER	P/N#013046DD	100	NONE	NONE
~~STILL 121 DRAINS~~				
POPCORN	WPS-24244	32	32	32
SALVAGE DRUMS	WPS-24240	18	4	NONE
20/LIQUID 80/SOLID		30	30	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

4-1-87 80 DRS Polyester WASTE P/N# 013046-00
4-24-87 80 DRS Solid + Popcorn WPS-23715 & 24244
4-87 80 DRS LIQUID WASTE WPS-24243
4-87 TIC# 625 Bulk P/N# 010774

898

420
180
240

P. & P. AREA

TO R.C. WRITER

DATE 3-23-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	420	100	80
SOLID WASTE	WPS-23715	110	50	50
80/LIQUID 20/SOLID	P/N #T0774FB WPS-24239	90	40	40
H-203 WASH	WPS-24242	18	NONE	NONE
GLYCOL & WATER	P/N#013046DD	180	50	NONE
~~STILL 121 DRAINS~~				
POPCORN	WPS-24244	32	32	32
SALVAGE DRUMS	WPS-24240	18	4	NONE
20/LIQUID 80/SOLID		30	30	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

3-25-87 80 DRS Liquid WASTE WPS-24243

3-26-87 TK# 625 WASTE TANK P/N# 010774 5000 gals

4-1-87 80 DRS. Polyester Waste P/N# 013046-00

P. & P. AREA

TO R.C. WRITER

DATE 3-16-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	340	100	80
SOLID WASTE	WPS-23715	70	40	50
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	100	70	60
H-203 WASH	WPS-24242	12	NONE	NONE
GLYCOL & WATER	P/N#013046DD	180	50	NONE
STILL 121 DRAINS	—	—	—	—
POPCORN	WPS-24244	24	24	24
SALVAGE DRUMS	WPS-24240	18	4	NONE
20/LIQUID 80/SOLID		30	30	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

3-25-87 80 DRS. LIQUID WASTE WPS-24243

P. & P. AREA

TO R.C. WRITER

DATE 3-9-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	260	50	80
SOLID WASTE	WPS-23715	70	40	50
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	100	50	50
H-203 WASH	WPS-24242	56	30	NONE
GLYCOL & WATER	P/N#013046DD	180	50	NONE
STILL 121 DRAINS	—	—	—	—
POPCORN	WPS-24244	24	24	24
SALVAGE DRUMS	WPS-24240	16	4	NONE
20/LIQUID 80/SOLID		30	30	30

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

P. & P. AREA

TO R.C. WRITER

DATE 3-2-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	160	30	20
SOLID WASTE	WPS-23715	70	20	30
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	150	50	40
H-203 WASH	WPS-24242	52	30	NONE
GLYCOL & WATER	P/N#013046DD	150	35	NONE
STILL 121 DRAINS		40	40	40
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	16	4	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

3-13-87 80 DRS. 40 WPS-24243 40 WPS-24242

P. & P. AREA

TO R.C. WRITER

DATE 2-23-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	140	20	NONE
SOLID WASTE	WPS-23715	70	20	30
80/LIQUID 20/SOLID	P/N #T0774FB WPS-24239	150	50	40
H-203 WASH	WPS-24242	48	30	NONE
GLYCOL & WATER	P/N#013046DD	130	35	NONE
STILL 121 DRAINS		40	40	40
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	16	4	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

3-13-87 80 DRS - 40 WPS-24243 - 40 - WPS-24242

2-26-87 T/W Pump TK# 511 - RC-963 OUT

BULK PIN# 010774

P. & P. AREA

TO R.C. WRITER

DATE 2-16-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	180	30	10
SOLID WASTE	WPS-23715	70	20	20
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	150	50	40
H-203 WASH	WPS-24242	48	30	NONE
GLYCOL & WATER	P/N#013046DD	110	35	NONE
STILL 121 DRAINS		40	20	20
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	16	4	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

2-17-87 80 DRS Liquid Waste WPS-24243
TK# 146 2-18-87 Vacuum Truck
Polyester Waste

P. & P. AREA

TO R.C. WRITER

DATE 2-9-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	225	50	30
SOLID WASTE	WPS-23715	70	20	20
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	130	50	40
H-203 WASH	WPS-24242	40	30	NONE
GLYCOL & WATER	P/N#013046DD	35	35	NONE
STILL 121 DRAINS		40	20	20
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	16	4	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

2-9-87 100 DRS. Liquid Waste P/N #10774 BULK

2-17-87 80 DRS. Liquid Waste WPS-24243

P. & P. AREA

TO R.C. WRITER

DATE 2-2-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	265	50	30
SOLID WASTE	WPS-23715	60	20	20
80/LIQUID 20/SOLID	P/N #T0774FB WPS-24239	130	50	40
H-203 WASH		40	20	NONE
GLYCOL & WATER	P/N#013046DD	60	30	NONE
STILL 121 DRAINS		40	20	20
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	13	4	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

2-3-87 80 DRS. Polyester Waste 013046-00

2-17-87 80 DRS. Liquid Waste WPS-24243

P. & P. AREA

TO R.C. WRITER

DATE 1-26-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	155	30	20
SOLID WASTE	WPS-23715	60	20	20
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	130	50	40
H-203 WASH		40	20	NONE
GLYCOL & WATER	P/N#013046DD	40	20	NONE
STILL 121 DRAINS		40	20	20
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	13	4	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

SHIPMENTS

2-2-87 Polyester Waste P/N# 013046-00
2-3-87 Polyester Waste P/N# 013046-00
2-17-87 Liquid Waste WPS-24243

P. & P. AREA

TO R.C. WRITER

DATE 1-19-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	230	40	20
SOLID WASTE	WPS-23715	30	20	20
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	100	50	30
H-203 WASH		52	20	NONE
GLYCOL & WATER	P/N#013046DD	40	NONE	NONE
STILL 121 DRAINS		40	20	NONE
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	8	4	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

(SHIPMENTS)

1-27-87 (80DRS LIQUID WASTE WPS-24243)
2-2-87 (80DRS Polyester WASTE P/N #-013046DD)
2-3-87 (80DRS Polyester WASTE P/N#-013046DD)
2-17-87 (80DRS LIQUID WASTE WPS-24243)

P. & P. AREA

TO R.C. WRITER

DATE 1-12-86

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	150	NONE	10
SOLID WASTE	WPS-23715	18	NONE	NONE
80/LIQUID 20/SOLID	P/N #T0774FB WPS-24239	100	50	30
H-203 WASH		52	20	none
GLYCOL & WATER	P/N#013046DD	180	30	10
STILL 121 DRAINS		40	20	none
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	4	none	none
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

P. & P. AREA

TO R.C. WRITER

DATE 1-5-87

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	150	NONE	10
SOLID WASTE	WPS-23715	80	50	30
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	100	50	30
H-203 WASH		40	20	NONE
GLYCOL & WATER	P/N#013046DD	180	30	10
STILL 121 DRAINS		40	20	NONE
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	4	NONE	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

P. & P. AREA

TO R.C. WRITER

DATE 12-29-86

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	150	NONE	10
SOLID WASTE	WPS-23715	80	30	20
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	100	50	30
H-203 WASH		40	20	NONE
GLYCOL & WATER	P/N#013046DD	180	30	10
STILL 121 DRAINS		40	20	NONE
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	4	NONE	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

P. & P. AREA

TO R.C. WRITER

DATE 12-22-86

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	140	NONE	10
SOLID WASTE	WPS-23715	80	30	20
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	100	50	30
H-203 WASH		40	20	NONE
GLYCOL & WATER	P/N#013046DD	180	30	NONE
STILL 121 DRAINS		40	20	NONE
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	4	NONE	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

P. & P. AREA

TO R.C. WRITER

DATE 12-15-86

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	110	NONE	10
SOLID WASTE	WPS-23715	80	30	20
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	100	50	30
H-203 WASH		40	20	NONE
GLYCOL & WATER	P/N#013046DD	180	30	NONE
STILL 121 DRAINS		40	20	NONE
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	4	NONE	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

P. & P. AREA

TO R.C. WRITER

DATE 12-8-86

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	110	NONE	10
SOLID WASTE	WPS-23715	80	30	20
80/LIQUID 20/SOLID	P/N #T0774FB WPS-24239	100	50	30
H-203 WASH		40	NONE	NONE
GLYCOL & WATER	P/N#013046DD	150	30	NONE
STILL 121 DRAINS		40	20	NONE
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	4	NONE	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

P. & P. AREA

TO R.C. WRITER

DATE 12-1-86

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	110	NONE	10
SOLID WASTE	WPS-23715	80	30	20
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	100	50	30
H-203 WASH		40	NONE	NONE
GLYCOL & WATER	P/N#013046DD	150	30	NONE
STILL 121 DRAINS		40	20	NONE
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	4	NONE	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

P. & P. AREA

TO R.C. WRITER

DATE 11-24-86

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	130	NONE	10
SOLID WASTE	WPS-23715	80	30	20
80/LIQUID 20/SOLID	P/N #T0774FB WPS-24239	100	50	30
H-203 WASH		40	NONE	NONE
GLYCOL & WATER	P/N#D13046DD	300	50	NONE
STILL 121 DRAINS		40	20	NONE
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	4	NONE	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

P. & P. AREA

TO R.C. WRITER

DATE 11-17-86

HAZARDOUS WASTE INVENTORY

TYPE	CODE	AMT. (DRUMS)	OVER 60DAYS	OVER 90DAYS
LIQUID WASTE	WPS-24243	90	NONE	10
SOLID WASTE	WPS-23715	80	30	20
80/LIQUID 20/SOLID	P/N #10774FB WPS-24239	180	50	70
H-203 WASH		40	NONE	NONE
GLYCOL & WATER	P/N#013046DD	210	50	NONE
STILL 121 DRAINS		40	20	NONE
POPCORN	WPS-24244	20	20	20
SALVAGE DRUMS	WPS-24240	4	NONE	NONE
20/LIQUID 80/SOLID		24	24	24

WASTE PADS MUST BE INVENTORIED EVERY MONDAY BY 10:00 A.M. BRING COMPLETED FORM TO R. C. WRITER'S OFFICE OR PLACE IN MAIL SLOT.

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE OWI 7217/L5446
EPA I.D. # NJD002499029 — DU PONT CODE WCH-2
EPA CODE F003, F005 (I) (T) — STATE CODE

II. **NAME OF WASTE** DYE SOLVENTS PLUS BY-PRODUCTS

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	ALCOHOL (METHYL, ETHYL, ISOPROPYL)	40	50	25	200 PPM	200 PPM
2	ACETONE AND METHYL ETHYL KETONE	25	30	15	200 PPM	200 PPM
3	ACETIC ACID	20	25	10	10 PPM	10 PPM
4	ETHYL ACETATE, DIETHYL ETHER	4	5	1	400 PPM	400 PPM
5	HETEROCYCLIC BY-PRODUCTS	11	15	5		

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0		
Cd	0	Cl*	100	CN	0		
Cr	0	Cu	0	F*	0		
Hg	0	I*	0	N*	3		
Ni	0	P*	0	Pb	0		
S*	3	Se	0	Zn	0		
CR+6		Tl					
Other							

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes	X	No	
***Halogenated Organic Compounds 1000 Mg/L	Yes		No	X
Insecticides, pesticides, herbicides, or rodenticides	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 0.90

V. **SHIPPING CONTAINERS**

BULK ____ CONTAINER SPEC. ____

NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	CONTAINER SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17E	350 LBS.	HAZARDOUS
55 GAL.	POLYETHYLENE	34/35	350 LBS.	HAZARDOUS
OTHER				
85 GAL.	STEEL	OVERPACK	450 LBS.	HAZARDOUS

VI. **PROPERTIES**

FLASH POINT	49 F	(Closed Cup)	Btu/lb.	12,000 (E)	CORROSIVE	YES	OSHA CARCINOGEN ____
COLOR	ORANGE		pH	1-5	ODOR (YES/NO)	YES	
REACTIVE	NO						
TOXIC	YES						
PYROPHORIC	NO				RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO	
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION RQ WASTE FLAMMABLE LIQUID, N.O.S.
D.O.T. HAZARD CLASSIFICATION FLAMMABLE LIQUID EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD YES D.O.T. LABEL FLAMMABLE U.N. NO. 1993 N.A. NO. ____

VIII. **VOLUME**
ANNUAL 1000 GAL. THIS REQUEST ____ PER SHIPMENT ____

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES (L) (I) (T).

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY O. FERNANDEZ, JR. / G. WHITNEY

REVIEWED BY:
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF) DATE 3/12/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE OWI7218/L5479
EPA I.D. # NJD002444024 — DU PONT CODE WCH-3
EPA CODE F003, F005 (I)(T) — STATE CODE C319C340C396C43

II. **NAME OF WASTE** DYE SOLVENTS AND BY-PRODUCTS

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	ALCOHOLS (METHANOL, ETHANOL, ISOPROPANOL)	45	50	30	200 ppm	200 ppm
2	ACETONE AND METHYL ETHYL KETONE	20	10	30	200 ppm	200 ppm
3	TOLUENE, HEXANE, NITROBENZENE	10	10	30	1 ppm	1 ppm
4	ALIPHATIC AMINES & PYRIDINE	20	25	10	5 ppm	5 ppm
5	HETEROCYCLIC BY-PRODUCTS	5	15	10		

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0	Sulfides	Yes		No X
Cd	0	Cl*	50	CN	0	Cyanides	Yes		No X
Cr	0	Cu	0	F*	0	PCB's	Yes		No X
Hg	0	I*	0	N*	20	Phenolics	Yes		No X
Ni	0	P*	0	Pb	0	**Dioxin	Yes		No X
S*	100	Se	0	Zn	0	**Listed Solvent	Yes	X	No
CR+6		Tl				***Halogenated Organic Compounds 1000 Mg/L			
Other							Yes		No X

Indicate test method: EPTOX/TCLP — Insecticides, pesticides, herbicides, or rodenticides
TOTAL METALS — Yes — No X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 0.90

V. **SHIPPING CONTAINERS**
BULK TANKER — MC Code: 312
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17 E	400 LBS.	HAZARDOUS
OTHER				
85 GAL.	STEEL	OVERPACK	550 LBS.	HAZARDOUS

VI. **PROPERTIES**

FLASH POINT	-7 F	(Closed Cup)	Btu/lb.	13,617	CORROSIVE	YES	OSHA CARCINOGEN
COLOR	ORANGE/RED		pH	1.2	ODOR (YES/NO)	YES, STRONG	
REACTIVE	NO						
TOXIC	YES						
PYROPHORIC	NO				RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO	
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION RQ WASTE FLAMMABLE LIQUID POISONOUS, N.O.S.
D.O.T. HAZARD CLASSIFICATION FLAMMABLE LIQUID — EPA HAZ. SUBST. ____ Y ____ N ____ RQ
D.O.T. PLACARD YES — D.O.T. LABEL FLAMM LIQ. — U.N. NO. 1992 — N.A. NO. ____

VIII. **VOLUME**
ANNUAL 40,000 GAL. — THIS REQUEST ____ — PER SHIPMENT ____

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES.
SOLIDS WILL PRECIPITATE DURING STORAGE.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY O. FERNANDEZ, JR. / G. C. WHITNEY

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WCH-7
EPA CODE N/A — STATE CODE X-910

II. **NAME OF WASTE** CONTAMINATED FILTER PAPER AND COTTON CLOTH

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	PAPER/COTTON CLOTH	90	95	85		
2	ALCOHOL, KETONE, AMINE SOLVENTS	6	10	2		
3	HETEROCYCLIDINES AND INTERMEDIATES					
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0		
Cd	0	Cl*	0	CN	0		
Cr	0	Cu	0	F*	0		
Hg	0	I*	0	N*	50		
Ni	0	P*	0	Pb	0		
S*	50	Se	0	Zn	0		
CR+6		Tl					
Other							

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes	X	No	
***Halogenated Organic Compounds 1000 Mg/L	Yes		No	X
Insecticides, pesticides, herbicides, or rodenticides	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** (SOLID) LIQUID, SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? YES
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? NO — POURED? NO
- % FREE FLOWING LIQUID LAYER 0 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 0.50

V. **SHIPPING CONTAINERS**

BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
30 GAL.	FIBER PACK	21C	200 LBS.	
OTHER				

VI. **PROPERTIES**

FLASH POINT	(Closed Cup)	Btu/lb.	CORROSIVE	NO	OSHA CARCINOGEN
COLOR	VARIOUS/RED	pH 5-9	ODOR (YES/NO)		YES, ALCOHOL AND KETONE
REACTIVE	NO				
TOXIC	NO				
PYROPHORIC	NO		RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE NO	ETIOLOGICAL	NO	
OTHER					

VII. D.O.T. SHIPPING DESCRIPTION: NONE NON-REGULATED/NON-HAZARDOUS MATERIAL
D.O.T. HAZARD CLASSIFICATION: NONE — EPA HAZ. SUBST. ____ Y ____ N ____ RQ
D.O.T. PLACARD NONE — D.O.T. LABEL NONE — U.N. NO. ____ — N.A. NO. ____

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
DUSTING MAY BE PRESENT WHEN SOLVENT EVAPORATES.
SECTION J: WASTE CHEMICAL PROCESS SOLID, N.O.S. (S)
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY O. FERNANDEZ, JR. / G. C. WHITNEY

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF) DATE 3/12/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WCH-9 WRE-9
EPA CODE N/A — STATE CODE X-910

II. **NAME OF WASTE** PIGMENTED CELLULOSE ACETATE

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	CELLULOSE ACETATE	76	80	50		
2	PIGMENTS	12	50	0		
3	SURFACTANT	8	20	0		
4	SILICONE OIL	4	15	0		
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0	CR+6	
Cd	0	Cl*	200	CN	0	Tl	
Cr	0	Cu	200	F*	0	Other	
Hg	0	I*	0	N*	200		
Ni	0	P*	0	Pb	0		
S*	200	Se	0	Zn	0		

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes		No	X
***Halogenated Organic Compounds 1000 Mg/L	Yes		No	X
Insecticides, pesticides, herbicides, or rodenticides	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** (SOLID) LIQUID, SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? YES
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? NO — POURED? NO
- % FREE FLOWING LIQUID LAYER 0 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 1.20

V. **SHIPPING CONTAINERS**
BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
30 GAL.	FIBER	21C	250 LBS.	NONE
OTHER 55 GAL.	STEEL	17H OVERPAK	300 LBS.	NONE

VI. **PROPERTIES**

FLASH POINT	(Closed Cup)	Btu/lb.	10,206	CORROSIVE	NO	OSHA CARCINOGEN	NO
COLOR	VARIOUS	pH	6	ODOR (YES/NO)	NO		
REACTIVE	NO						
TOXIC	NO						
PYROPHORIC	NO			RADIOACTIVE	NO		
SHOCK SENSITIV	NO	EXPLOSIVE	NO	ETIOLOGICAL	NO		
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION NONE NON-REGULATED/NON-HAZARDOUS
D.O.T. HAZARD CLASSIFICATION NONE EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD NONE D.O.T. LABEL NONE U.N. NO. ____ N.A. NO. ____

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
PLASTIC BAGS AND BOTTLES MAY BE IN DRUMS.
SECTION J: WASTE CHEMICAL PROCESS SOLID N.O.S. (S)
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY O. FERNANDEZ, JR. / G. C. WHITNEY

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 1/13/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WCH-11
EPA CODE U078 — STATE CODE

II. **NAME OF WASTE** VINYLIDENE CHLORIDE, INHIBITED

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	VINYLIDENE CHLORIDE	99.9	99.5	99.5	5 ppm	
2	HYDROQUINONE MONOMETHYLETHER	0.02	0.1	0.02		
3						
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0	CR+6		Ti	
Cd	0	Cl*		CN	0	Other			
Cr	0	Cu	0	F*	0	Indicate test method:	EPTOX/TCLP		
Hg	0	I*	0	N*	0		TOTAL METALS		
Ni	0	P*	0	Pb	0				
S*	0	Se	0	Zn	0				

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes		No	X
***Halogenated Organic Compounds 1000 Mg/L	Yes	X	No	
Insecticides,pesticides,herbicides, or rodenticides	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 1.70

V. **SHIPPING CONTAINERS**

BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17 E	560 LBS.	HAZARDOUS
OTHER				
85 GAL.	STEEL	OVERPAK	600 LBS.	HAZARDOUS

VI. **PROPERTIES**

FLASH POINT	75 F	(Closed Cup)	Btu/lb.	3,043	CORROSIVE	YES	OSHA CARCINOGEN
COLOR	LEAR/BROWN		pH	0.95	ODOR (YES/NO)	YES, SWEET	
REACTIVE	YES						
TOXIC	YES						
PYROPHORIC	NO				RADIOACTIVE	NO	
SHOCK SENSITIV	YES	EXPLOSIVE	NO		ETIOLOGICAL	NO	
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION RQ WASTE VINYLIDENE CHLORIDE, INHIBITED
D.O.T. HAZARD CLASSIFICATION FLAMMABLE LIQUID EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD YES D.O.T. LABEL FLAMMABLE U.N. NO. 1303 N.A. NO. ____

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
MAY FORM PEROXIDES BY MECHANICAL SHOCK OR HEAT.
YES, MAY POLYMERIZE IN PRESENCE OF HEAT, LIGHT OR AIR (OXYGEN).
PERIODIC OUT OF SPECIFICATIONS OR OUT OF DATE MATERIAL CLASSIFIED AS WASTE.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY O. FERNANDEZ, JR./ G. C. WHITNEY

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE OWI7230 L10711
EPA I.D. # NJD002444024 — DU PONT CODE WCL-1
EPA CODE F003 (I)(L)(T) — STATE CODE

II. **NAME OF WASTE** WASTE SOLVENTS

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	ETHANOL	35	60	25	100 ppm	100 ppm
2	ACETONE	35	50	25	750 ppm	1000 ppm
3	WATER	15	30	5		
4	METHANOL	12	30	5	200 ppm	200 ppm
5	OTHER LOW BOILING POINT COMPONENTS: THF	3	15	0	200 ppm	400 ppm

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0		
Cd	0	Cl*	500	CN	0		
Cr	0	Cu	0	F*	0		
Hg	0	I*	500	N*			
Ni	0	P*	0	Pb	0		
S*	1000	Se	0	Zn	0		
CR+6		Tl					
Other							

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes	X	No	
***Halogenated Organic Compounds 1000 Mg/L	Yes		No	X
Insecticides,pesticides,herbicides, or rodenticides	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, (LIQUID), SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 15 — ESTIMATED SPECIFIC GRAVITY 0.80

V. **SHIPPING CONTAINERS**
BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17 E	450 LBS.	HAZARDOUS
OTHER 85 GAL.	STEEL	OVERPACK	550 LBS.	HAZARDOUS

VI. **PROPERTIES**

FLASH POINT	115 F	(Closed Cup)	Btu/lb.	15 K (E)	CORROSIVE	NO	OSHA CARCINOGEN NO
COLOR	STRAW		pH	6-8	ODOR (YES/NO)	YES	
REACTIVE	NO						
TOXIC	YES						
PYROPHORIC	NO				RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO	
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION RQ WASTE FLAMMABLE LIQUID, N.O.S.
D.O.T. HAZARD CLASSIFICATION FLAMMABLE LIQUID (I)(T)(L) EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD FLA D.O.T. LABEL FLAMMABLE U.N. NO. 1993 N.A. NO. ____

VIII. **VOLUME**
ANNUAL 200 GALS. THIS REQUEST ____ PER SHIPMENT ____

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY O. FERNANDEZ, JR./ L. ROBINSON

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WCL-2
EPA CODE D002 (C) (T) (L) — STATE CODE C313, C184, C425

II. **NAME OF WASTE** AQUEOUS SOLUTION OF HEAVY SALTS

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	+OSHA
1	WATER		93.1	96.4		
2	MERCURY SALTS	49	0.3	0.1		
3	GOLD SALTS	54	0.03	0.01		
4	RHODIUM SALTS	321	1	0.8		
5	CHROMIUM SALTS	1375	5	2.5		

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0						
Cd	0	Cl*	0	CN	0						
Cr		Cu	0	F*	0						
Hg		I*	0	N*	0						
Ni	0	P*	0	Pb	0						
S*	0	Se	0	Zn	0						
CR+6		Tl									
Other											

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes		No	X
***Halogenated Organic Compounds 1000 Mg/L	Yes		No	X
Insecticides, pesticides, herbicides, or rodenticides	Yes		No	X

Indicate test method: EPTOX/TCLP
TOTAL METALS

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, (LIQUID), SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED/POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 93 — ESTIMATED SPECIFIC GRAVITY 1.00

V. **SHIPPING CONTAINERS**
BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17E	450 LBS.	HAZARDOUS
OTHER 85 GAL.	STEEL	OVERPACK	550 LBS.	HAZARDOUS

VI. **PROPERTIES**

FLASH POINT		(Closed Cup)	Btu/lb.	0	CORROSIVE	YES	OSHA CARCINOGEN
COLOR	ORANGE		pH	3-4	ODOR (YES/NO)		
REACTIVE	NO						
TOXIC	YES						
PYROPHORIC	NO				RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO	
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION: RQ WASTE CORROSIVE, POISONOUS LIQUID, N.O.S.
D.O.T. HAZARD CLASSIFICATION: CORROSIVE — EPA HAZ. SUBST. ____ Y ____ N ____ RQ
D.O.T. PLACARD YES — D.O.T. LABEL CORROSIVE — U.N. NO. 2922 — N.A. NO. ____

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
ONE TIME OR TYPICAL ANALYSIS NUMBERS ARE IN GRAMS PER 55 GAL.
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES. (L) (C) (E) (T)

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY O. FERNANDEZ, JR./L. ROBINSON

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WCR-1
EPA CODE F003 — STATE CODE

II. **NAME OF WASTE** SCRAP ACETONE SOLUTION

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	LOWER	E. EXPOSURE LIMITS +ACGIH	++OSHA
1	WATER		65	75		
2	ACETONE		35	25	750 ppm	1000 ppm
3						
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0	Sulfides	Yes	No	X
Cd	0	Cl*	0	CN	0	Cyanides	Yes	No	X
Cr	0	Cu	0	F*	0	PCB's	Yes	No	X
Hg	0	I*	0	N*	0	Phenolics	Yes	No	X
Ni	0	P*	0	Pb	0	**Dioxin	Yes	No	X
S*	0	Se	0	Zn	0	**Listed Solvent	Yes X	No	
CR+6		Tl				***Halogenated Organic Compounds 1000 Mg/L			
Other							Yes	No	X

Indicate test method: EPTOX/TCLP
TOTAL METALS

Insecticides,pesticides,herbicides, or rodenticides Yes No X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, (LIQUID), SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 75 — ESTIMATED SPECIFIC GRAVITY 1.00

V. **SHIPPING CONTAINERS**

BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17E	400 LBS.	HAZARDOUS

OTHER

VI. **PROPERTIES**

FLASH POINT	(Closed Cup)	Btu/lb.		CORROSIVE	NO	OSHA CARCINOGEN	NO
COLOR	VARIOUS	pH	6	ODOR (YES/NO)	YES		
REACTIVE	NO						
TOXIC	NO						
PYROPHORIC	NO			RADIOACTIVE	NO		
SHOCK SENSITIV	NO	EXPLOSIVE	NO	ETIOLOGICAL	NO		
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION WASTE ACETONE SOLUTION
D.O.T. HAZARD CLASSIFICATION FLAMMABLE LIQUID EPA HAZ. SUBST. ____ Y ____ N ____ RQ
D.O.T. PLACARD FLA D.O.T. LABEL FLAMMABLE U.N. NO. 1090 N.A. NO. ____

VIII. **VOLUME**
ANNUAL 24,000 GAL. THIS REQUEST ____ PER SHIPMENT 2000 GAL.

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)** ____

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ____

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WCT-4
EPA CODE F002 — STATE CODE

II. **NAME OF WASTE** SOLVENT CLEANING SOLUTION

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	FREON #113		90	10	100 ppm	100 ppm
2	LUB OIL		10	0		
3	WATER		5	0		
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0	Sulfides	Yes	No	X
Cd	0	Cl*	0	CN	0	Cyanides	Yes	No	X
Cr	0	Cu	0	F*	0	PCB's	Yes	No	X
Hg	0	I*	0	N*	0	Phenolics	Yes	No	X
Ni	0	P*	0	Pb	0	**Dioxin	Yes	No	X
S*	0	Se	0	Zn	0	**Listed Solvent	Yes	No	X
CR+6		Tl				***Halogenated Organic Compounds 1000 Mg/L			
Other							Yes X	No	

Indicate test method: EPTOX/TCLP
TOTAL METALS

F. DOES THE WASTE CONTAIN:
Insecticides, pesticides, herbicides, or rodenticides — Yes — No X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 5 — ESTIMATED SPECIFIC GRAVITY 1.57

V. **SHIPPING CONTAINERS**
BULK — MC Code:
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17E	550 LBS.	
OTHER				
85 GAL.	STEEL	OVERPACK	550 LBS.	

VI. **PROPERTIES**

FLASH POINT	0 F (Closed Cup)	Btu/lb.	CORROSIVE NO	OSHA CARCINOGEN	NO
COLOR	CLEAR/GRAY	pH	ODOR (YES/NO)	YES, ETHEREAL	
REACTIVE	NO				
TOXIC	NO				
PYROPHORIC	NO		RADIOACTIVE NO		
SHOCK SENSITIV	NO	EXPLOSIVE NO	ETIOLOGICAL NO		
OTHER					

VII. D.O.T. SHIPPING DESCRIPTION RQ WASTE HAZARDOUS LIQUID, N.O.S.
D.O.T. HAZ. CLASSIFICATION: ORM-E (1,2 TRICHLOROTRIFLUOROETHANE) EPA HAZ. SUBST. ____ Y ____ N ____ RQ
D.O.T. PLACARD ____ D.O.T. LABEL ____ U.N. NO. ____ N.A. NO. 9189

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST 4 DRUMS PER SHIPMENT ____

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
SECTION J: SEE ATTACHED WASTE CHARACTERIZARIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES. (L)

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY O. FERNANDEZ, JR.

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 7/7/88

I. LOCATION PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE WPS 31976/WILX11220
EPA I.D. # NJD002444024 — DU PONT CODE WQJ-60
EPA CODE F003, F005 — STATE CODE C433

II. NAME OF WASTE PAINT WASTE

III. COMPOSITION

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	METHYL ETHYL KETONE		10	5	200 ppm	200 ppm
2	ETHYL ACETATE		15	10	100 ppm	150 ppm
3	ALCOHOL (SEE REMARKS)		15	10	400 ppm	400 ppm
4	TOLUENE		20	15	100 ppm	200 ppm
5	ACETONE		10	5	750 ppm	1000 ppm

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0		
Cd	0	Cl*	0	CN	0		
Cr	0	Cu	0	F*	0		
Hg	0	I*	0	N*	0		
Ni	0	P*	0	Pb	1		
S*	0	Se	0	Zn	1		
CR+6		Tl					

Other ACRYLIC RESIN (10-5), HYDROCARBONS (10-5), PIGMENTS (20-10)

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes	X	No	
***Halogenated Organic Compounds 1000 Mg/L				
	Yes		No	X
Insecticides, pesticides, herbicides, or rodenticides				
	Yes		No	X

IV. PHY. STATE @ 25 C (CIRCLE): SOLID, LIQUID, SLUDGE, (LIQUID/SOLID PHASES) GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? YES VOL% OF EACH PHASE 20 % SOLID 80 % LIQUID
- CAN THE WASTE BE PUMPED? NO POURED? NO
- % FREE FLOWING LIQUID LAYER 80 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 ESTIMATED SPECIFIC GRAVITY 1.10

V. SHIPPING CONTAINERS

BULK ____ MC Code: ____

NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17E/17H	550 LBS.	HAZARDOUS WASTE, FLAMMABLE LIQUID
OTHER				
85 GAL.	STEEL	OVERPACK	670 LBS.	HAZARDOUS WASTE, FLAMMABLE LIQUID

VI. PROPERTIES

FLASH POINT 73 F (Closed Cup) Btu/lb. 8-12 K (E) CORROSIVE NO OSHA CARCINOGEN NO
COLOR CLEAR/BLACK pH 6 ODOR (YES/NO) YES
REACTIVE NO
TOXIC TRACES OF LEAD IN PIGMENT
PYROPHORIC NO RADIOACTIVE NO
SHOCK SENSITIV NO EXPLOSIVE NO ETIOLOGICAL NO
OTHER

VII. D.O.T. SHIPPING DESCRIPTION RQ WASTE FLAMMABLE LIQUID, N.O.S.
D.O.T. HAZARD CLASSIFICATION FLAM. LIQ. (F003)(F005) (L,I,T) EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD YES D.O.T. LABEL FLAMMABLE U.N. NO. 1993 N.A. NO. ____

VIII. VOLUME
ANNUAL 10,000 GAL. THIS REQUEST 4000 GAL. PER SHIPMENT ____

IX. REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)
ALCOHOL: N-BUTANOL, ISOPROPANOL,
HYDROCARBONS: VMP NAPHTHA, LACTOL SPIRITS 9300
PIGMENTS: CARBON BLACK / CHROMIUM GREEN OXIDE SECTION J: SEE WCF FOR COMPOSITION AND PERCENTAGES

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY LOUIS J. PAPA/ORLANDO FERNANDEZ, JR.

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF) DATE 7/7/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE WPS 31975/WILX11219
EPA I.D. # NJD002444024 — DU PONT CODE WOJ-70
EPA CODE D001 — STATE CODE

II. **NAME OF WASTE** PAINT LACQUER WASTE

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	ACRYLIC RESIN		50	10	10 ppm	
2	URETHANE RESIN		50	0		
3	HYDROCARBONS (SEE REMARKS)		20	5		
4	PIGMENTS		30	0		
5	TOLUENE		30	10	100 ppm	200 ppm

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0		
Cd	0	Cl*	0	CN	0		
Cr	1	Cu	1	F*	0		
Hg	0	I*	0	N*	0		
Ni	0	P*	0	Pb	0		
S*	0	Se	0	Zn	1		
CR+6		Tl					

Other DUROSORB (50-10) (SEE REMARKS)
Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes	X	No	
***Halogenated Organic Compounds 1000 Mg/L	Yes		No	X
Insecticides, pesticides, herbicides, or rodenticides	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** (SOLID) LIQUID, SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? NO — POURED? NO
- % FREE FLOWING LIQUID LAYER 0 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 0.90

V. **SHIPPING CONTAINERS**
BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17H	550 LBS.	HAZARDOUS WASTE, ORM-E
OTHER				
85 GAL.	STEEL	OVERPACK	850 LBS.	HAZARDOUS WASTE, ORM-E

VI. **PROPERTIES**

FLASH POINT	100 F	(Closed Cup)	Btu/lb.	8-10 K(E)	CORROSIVE	NO	OSHA CARCINOGEN NO
COLOR	CLEAR-BLACK		pH		ODOR (YES/NO)	YES	
REACTIVE	NO						
TOXIC	NO						
PYROPHORIC	NO				RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO	
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION HAZARDOUS WASTE SOLID, N.O.S.
D.O.T. HAZARD CLASSIFICATION ORM-E — EPA HAZ. SUBST. ____ Y ____ N ____ RQ
D.O.T. PLACARD ____ D.O.T. LABEL ____ U.N. NO. 0 N.A. NO. 9189

VIII. **VOLUME**
ANNUAL 5,000 THIS REQUEST ____ PER SHIPMENT ____

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
SODIUM BISULFITE ANHYDROUS, AMMONIUM PERSULFATE, LACTOL SPIRITS, DBE SOLVENT PHTHATE, METHYL ETHYL KETONE
SECTION J: SEE ATTACHED WCF FOR CHEMICAL COMPOSITION AND PERCENTAGES.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ____

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WOJ-OS-07
EPA CODE F003 (I)(L)(T) — STATE CODE

II. **NAME OF WASTE** SCRAP POLYESTER RESIN

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	POLYESTER RESIN		80	75		
2	ETHYLENE GLYCOL		10	5	10 mg/m3	10 mg/m3
3	ETHYL ACETATE		15	20	100 ppm	100 ppm
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0
Cd	0	Cl*	0	CN	0
Cr	0	Cu	0	F*	0
Hg	0	I*	0	N*	0
Ni	0	P*	0	Pb	0
S*	0	Se	0	Zn	0
CR+6		Tl			

Other

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes	X	No	
***Halogenated Organic Compounds 1000 Mg/L	Yes		No	X
Insecticides,pesticides,herbicides, or rodenticides	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE): SOLID, (LIQUID), SLUDGE, LIQUID/SOLID PHASES, GAS**
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 1.20

V. **SHIPPING CONTAINERS**
BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17E	450 LBS.	HAZARDOUS WASTE
85 GAL.	STEEL	OVERPACK	500 LBS.	HAZARDOUS WASTE
OTHER				

VI. **PROPERTIES**

FLASH POINT	73 F	(Closed Cup)	Btu/lb.	8-12 K(E)	CORROSIVE		OSHA CARCINOGEN	
COLOR	CLEAR		pH		ODOR (YES/NO)		YES	
REACTIVE	NO							
TOXIC	YES - SKIN/EYE IRRITATION (INHALATION)							
PYROPHORIC	NO				RADIOACTIVE	NO		
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO		
OTHER								

VII. D.O.T. SHIPPING DESCRIPTION WASTE FLAMMABLE LIQUID, N.O.S. (L)(I)(T)
D.O.T. HAZARD CLASSIFICATION FLAMMABLE LIQUID — EPA HAZ. SUBST. ____ Y ____ N ____ RQ
D.O.T. PLACARD YES — D.O.T. LABEL FLAMMABLE — U.N. NO. 1993 — N.A. NO. ____

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST 22 PER SHIPMENT 22

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ORLANDO FERNANDEZ, JR.

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WOJ-OS-09
EPA CODE D001 — STATE CODE

II. **NAME OF WASTE** DIRT CONTAMINATED WITH HYDROCARBON SOLVENT

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	DIRT		90	80		
2	HYDROCARBONS (PETROLEUM NAPHTHA)		10	15	300 ppm	500 ppm
3						
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0	Sulfides	Yes	No	X
Cd	0	Cl*	0	CN	0	Cyanides	Yes	No	X
Cr	0	Cu	0	F*	0	PCB's	Yes	No	X
Hg	0	I*	0	N*	0	Phenolics	Yes	No	
Ni	0	P*	0	Pb	0	**Dioxin	Yes	No	X
S*	0	Se	0	Zn	0	**Listed Solvent	Yes	No	X
CR+6		Tl				***Halogenated Organic Compounds 1000 Mg/L			
Other							Yes	No	X

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:
Insecticides, pesticides, herbicides, or rodenticides — Yes ____ No X

IV. **PHY. STATE @ 25 C (CIRCLE):** (SOLID,) LIQUID, SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? NO — POURED? NO
- % FREE FLOWING LIQUID LAYER ____ (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 0.00

V. **SHIPPING CONTAINERS**
BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17H	550 LBS.	HAZARDOUS WASTE
OTHER				

VI. **PROPERTIES**

FLASH POINT	93 F (Closed Cup)	Btu/lb.	CORROSIVE	OSHA CARCINOGEN	
COLOR	DIRT	pH	ODOR (YES/NO)	STRONG	
REACTIVE	NO				
TOXIC	YES SKIN/EYE				
PYROPHORIC	NO	RADIOACTIVE	NO		
SHOCK SENSITIV	NO	EXPLOSIVE NO	ETIOLOGICAL	NO	
OTHER					

VII. D.O.T. SHIPPING DESCRIPTION: WASTE FLAMMABLE SOLID, N.O.S. (LXIXT)
D.O.T. HAZARD CLASSIFICATION: FLAMMABLE SOLID — EPA HAZ. SUBST. ____ Y ____ N ____ RQ
D.O.T. PLACARD YES — D.O.T. LABEL FLAMMABLE — U.N. NO. 1325 — N.A. NO. ____

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST 5 PER SHIPMENT 5

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ORLANDO FERNANDEZ, JR.

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE

EPA I.D. # NJD002444024 — DU PONT CODE WOJ-OS-10

EPA CODE — STATE CODE X-900

II. **NAME OF WASTE** WASTE ACRYLIC RESIN

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	WATER		20	70		
2	PYRALUX ACRYLIC ADHESIVE		80	30		
3						
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0		
Cd	0	Cl*	0	CN	0		
Cr	0	Cu	0	F*	0		
Hg	0	I*	0	N*	0		
Ni	0	P*	0	Pb	0		
S*	0	Se	0	Zn	0		
CR+6		Tl					

Other

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes		No	X
***Halogenated Organic Compounds 1000 Mg/L				
	Yes		No	X
Insecticides, pesticides, herbicides, or rodenticides				
	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS

OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 70 — ESTIMATED SPECIFIC GRAVITY 0.90

V. **SHIPPING CONTAINERS**

BULK ____ MC Code: ____

NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17 E	450 LBS.	NONE
OTHER				

VI. **PROPERTIES**

FLASH POINT ____ (Closed Cup) — Btu/lb. ____ — CORROSIVE ____ — OSHA CARCINOGEN ____

COLOR CLEAR — pH 5-7 — ODOR (YES/NO) ____ — STRONG PAINT ____

REACTIVE ____

TOXIC ____

PYROPHORIC ____ — RADIOACTIVE ____

SHOCK SENSITIV ____ EXPLOSIVE ____ — ETIOLOGICAL ____

OTHER ____

VII. D.O.T. SHIPPING DESCRIPTION NON-REGULATED/NON-HAZARDOUS

D.O.T. HAZARD CLASSIFICATION ____ EPA HAZ. SUBST. ____ Y ____ N ____ RQ

D.O.T. PLACARD ____ D.O.T. LABEL ____ U.N. NO. ____ N.A. NO. ____

VIII. **VOLUME**

ANNUAL ____ THIS REQUEST 51 PER SHIPMENT 51

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**

SECTION J: WASTE CHEMICAL PROCESS LIQUID, N.O.S. (L)

SECTION J: SEE WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES.

*Organically bound

**As defined in 40 CFR 261.31

***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ORLANDO FERNANDEZ, JR.

REVIEWED BY:

DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE WPS-32044
EPA I.D. # NJD002444024 — DU PONT CODE WOJ-OS-11
EPA CODE D001, D008, D009 — STATE CODE

II. **NAME OF WASTE** MIXED SOLVENTS

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	ACETONE		50	30	750 ppm	1000 ppm
2	METHYLENE CHLORIDE		25	40	100 ppm	100 ppm
3	TOLUENE		15	20	100 ppm	200 ppm
4	XYLENE		10	20	100 ppm	100 ppm
5	1,1,1-TRICHLOROETHANE		5	0	350 ppm	350 ppm

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0		
Cd	0	Cl*	0	CN	0		
Cr	0	Cu	62	F*	0		
Hg	198	I*	0	N*	0		
Ni	0	P*	0	Pb	81		
S*	0	Se	0	Zn	0		
CR+6		Tl					
Other							

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes	X	No	
***Halogenated Organic Compounds 1000 Mg/L	Yes	X	No	
Insecticides, pesticides, herbicides, or rodenticides	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 0.79

V. **SHIPPING CONTAINERS**
BULK ____ MC Code: 307
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX WEIGHT PER CONTAINER	CONTAINER LABEL USED
OTHER				

VI. **PROPERTIES**

FLASH POINT	68 F	(Closed Cup)	Btu/lb.	13,580	CORROSIVE		OSHA CARCINOGEN	
COLOR	DARK		pH		ODOR (YES/NO)		YES	
REACTIVE	NO							
TOXIC	YES							
PYROPHORIC	NO				RADIOACTIVE	NO		
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO		
OTHER								

VII. D.O.T. SHIPPING DESCRIPTION WASTE FLAMMABLE LIQUID, N.O.S.
D.O.T. HAZARD CLASSIFICATION FLAMMABLE LIQUID (EPA CODES) (L)(I)(T) EPA HAZ. SUBST. ____ Y ____ N ____ RQ
D.O.T. PLACARD YES D.O.T. LABEL FLAMMABLE U.N. NO. 1993 N.A. NO. ____

VIII. **VOLUME**
ANNUAL 100,000 GAL. THIS REQUEST 20,000 PER SHIPMENT 4,000 GAL.

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY O. FERNANDEZ, JR./J. BRZEZNIAK

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 2/9/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WOJ-OS-12
EPA CODE D001, D003 — STATE CODE

II. **NAME OF WASTE** SCRAP SOLVENT

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	ETHYL ACRYLATE		95	0	5 ppm	25 ppm
2	SODA ASH		5	0		
3						
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0		
Cd	0	Cl*	0	CN	0		
Cr	0	Cu	0	F*	0		
Hg	0	I*	0	N*	0		
Ni	0	P*	0	Pb	0		
S*	0	Se	0	Zn	0		
CR+6		Tl					
Other							

Indicate test method: EPTOX/TCLP
TOTAL METALS

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes		No	X
***Halogenated Organic Compounds 1000 Mg/L	Yes		No	X
Insecticides,pesticides,herbicides, or rodenticides	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? YES — VOL% OF EACH PHASE 5 % SOLID 95 % LIQUID
- CAN THE WASTE BE PUMPED YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 95 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 1.00

V. **SHIPPING CONTAINERS**

BULK — MC Code:
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17/H	400 LBS.	HAZARDOUS
OTHER 85 GAL.	STEEL	OVERPAK	500 LBS.	HAZARDOUS

VI. **PROPERTIES**

FLASH POINT	80 F	(Closed Cup)	Btu/lb.	10 K(E)	CORROSIVE	NO	OSHA CARCINOGEN NO
COLOR	CLEAR		pH	7	ODOR (YES/NO)		STRONG
REACTIVE	YES						
TOXIC	YES						
PYROPHORIC	NO				RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO	
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION: WASTE FLAMMABLE LIQUID, N.O.S.
D.O.T. HAZARD CLASSIFICATION: FLAMMABLE LIQUID — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD FLA — D.O.T. LABEL FLAM. LIQU. — U.N. NO. 1993 — N.A. NO.

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST 2 PER SHIPMENT ____

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY

REVIEWED BY:
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/25/88

I. LOCATION PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WOJ-OS-14
EPA CODE N/A — STATE CODE X-900

II. NAME OF WASTE DIRTY WASH WATER (PP AREA)

III. COMPOSITION

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	WATER		98	95		
2	N,N DIMETHYLACETAMIDE (DMAC)	0	2	5	10 ppm	10 ppm
3	POLYVINYL FLUORIDE		2	0		
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0		
Cd	0	Cl*	0	CN	0		
Cr	0	Cu	0	F*	0		
Hg	0	I*	0	N*	0		
Ni	0	P*	0	Pb	0		
S*	0	Se	0	Zn	0		
CR+6		Tl					

Other

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes		No	X
***Halogenated Organic Compounds 1000 Mg/L	Yes	X	No	
Insecticides,pesticides,herbicides, or rodenticides	Yes		No	X

IV. PHY. STATE @ 25 C (CIRCLE): SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 98 — ESTIMATED SPECIFIC GRAVITY 1.00

V. SHIPPING CONTAINERS

BULK ____ MC Code: ____

NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17 E/H	450 LBS.	N/A
OTHER				

VI. PROPERTIES

FLASH POINT	0 F	(Closed Cup)	Btu/lb.		CORROSIVE	OSHA CARCINOGEN	
COLOR	CLEAR		pH		ODOR (YES/NO)	NONE	
REACTIVE	NO						
TOXIC	NO						
PYROPHORIC	NO				RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO	
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION NONE
D.O.T. HAZARD CLASSIFICATION NONE — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD ____ D.O.T. LABEL ____ U.N. NO. ____ N.A. NO. ____

VIII. VOLUME
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)
SECTION J: WASTE CHEMICAL PROCESS LIQUID, N.O.S.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ORLANDO FERNANDEZ, JR.

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/26/88

I. LOCATION PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WOJ-OS-15
EPA CODE — STATE CODE X-900

II. NAME OF WASTE GROUND WATER (MONITORING WELLS)

III. COMPOSITION

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	WATER		100	99		
2						
3						
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0	CN	0
Cd	0	Cl*	0	CN	0	F*	0
Cr	0	Cu	0	F*	0	N*	0
Hg	0	I*	0	N*	0	Pb	0
Ni	0	P*	0	Pb	0	Zn	0
S*	0	Se	0	Zn	0		
CR+6		Tl					

Other
Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes		No	X
***Halogenated Organic Compounds 1000 Mg/L				
	Yes		No	X
Insecticides,pesticides,herbicides, or rodenticides				
	Yes		No	X

IV. PHY. STATE @ 25 C (CIRCLE): SOLID, LIQUID, SLUDGE, (LIQUID/SOLID PHASES), GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 100 — ESTIMATED SPECIFIC GRAVITY 1.00

V. SHIPPING CONTAINERS
BULK ____ MC Code: 307
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
OTHER				

VI. PROPERTIES

FLASH POINT	(Closed Cup)	Btu/lb.		CORROSIVE	OSHA CARCINOGEN
COLOR	BROWN	pH	4.2	ODOR (YES/NO)	
REACTIVE	NO				
TOXIC	NO				
PYROPHORIC	NO			RADIOACTIVE	NO
SHOCK SENSITIV	NO	EXPLOSIVE	NO	ETIOLOGICAL	NO
OTHER					

VII. D.O.T. SHIPPING DESCRIPTION NONE
D.O.T. HAZARD CLASSIFICATION NONE — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD ____ D.O.T. LABEL ____ U.N. NO. ____ N.A. NO. ____

VIII. VOLUME
ANNUAL ____ THIS REQUEST 900 GAL. PER SHIPMENT ____

IX. REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ORLANDO FERNANDEZ, JR.

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 4/7/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WOJ-OS-16
EPA CODE D003, D001 — STATE CODE N/A

II. **NAME OF WASTE** WASTE URETHANE RESIN

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	POLYISOCYANATE	68	75	65		
2	XYLENE	17	20	15	100 ppm	100 ppm
3	TOLUENE DIISOCYANATE	7	10	2	.005 ppm	.02 ppm
4	PROPYLENE GLYCOL MONOMETHYL ETHYL ACETATE	8	10	5		
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0		
Cd	0	Cl*	0	CN	0		
Cr	0	Cu	0	F*	0		
Hg	0	I*	0	N*	0		
Ni	0	P*	0	Pb	0		
S*	0	Se	0	Zn	0		
CR+6		Tl					
Other							

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes	X	No	
***Halogenated Organic Compounds 1000 Mg/L	Yes		No	X
Insecticides, pesticides, herbicides, or rodenticides	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 1.05

V. **SHIPPING CONTAINERS**

BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17/E	450 LBS.	HAZARDOUS
OTHER				
85 GAL.	STEEL	OVERPAK	550 LBS.	HAZARDOUS

VI. **PROPERTIES**

FLASH POINT	73 F (Closed Cup)	Btu/lb.	8-12 K	CORROSIVE	NO	OSHA CARCINOGEN	NO
COLOR	LIGHT AMBER	pH		ODOR (YES/NO)	YES		
REACTIVE	YES (WITH WATER) II						
TOXIC	YES						
PYROPHORIC	NO			RADIOACTIVE	NO		
SHOCK SENSITIV	NO	EXPLOSIVE	NO	ETIOLOGICAL	NO		
OTHER	NONE						

VII. D.O.T. SHIPPING DESCRIPTION WASTE RESIN SOLUTION, N.O.S.
D.O.T. HAZARD CLASSIFICATION FLAMMABLE LIQUID — EPA HAZ. SUBST. ____ Y ____ N ____ RQ
D.O.T. PLACARD FLA — D.O.T. LABEL FLAM. LIQUID — U.N. NO. 1866 — N.A. NO. ____

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST 10 DRUMS PER SHIPMENT 10 DRUMS

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
MSDS ATTACHED.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY LOUIS J. PAPA

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 6/2/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002144024 — DU PONT CODE WOJ-OS-17
EPA CODE N/A — STATE CODE

II. **NAME OF WASTE** WASTE ACRYLATE LATEX

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	WATER	64				
2	ACRYLIC LATEX	35				
3	ETHYL ACRYLATE	1			5 ppm	25 ppm
4	METHYL ACRYLIC ACID	1				
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0		
Cd	0	Cl*	0	CN	0		
Cr	0	Cu	0	F*	0		
Hg	0	I*	0	N*	0		
Ni	0	P*	0	Pb	0		
S*	0	Se	0	Zn	0		
CR+6		Tl					
Other							

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes		No	X
***Halogenated Organic Compounds 1000 Mg/L				
	Yes		No	X
Insecticides, pesticides, herbicides, or rodenticides				
	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 64 — ESTIMATED SPECIFIC GRAVITY 1.00

V. **SHIPPING CONTAINERS**

BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17-H	450 LBS.	NONE
OTHER				
85 GAL.	STEEL	OVERPAK	550 LBS.	NONE

VI. **PROPERTIES**

FLASH POINT 0 F (Closed Cup) — Btu/lb. ____ — CORROSIVE ____ — OSHA CARCINOGEN NO
COLOR CLEAR/WHITE — pH ____ — ODOR (YES/NO) ____
REACTIVE ____
TOXIC NO
PYROPHORIC NO — RADIOACTIVE NO
SHOCK SENSITIV NO — EXPLOSIVE NO — ETIOLOGICAL NO
OTHER ____

VII. D.O.T. SHIPPING DESCRIPTION NONE
D.O.T. HAZARD CLASSIFICATION NONE — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD ____ D.O.T. LABEL ____ U.N. NO. ____ N.A. NO. ____

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST 42 PER SHIPMENT 42

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)** ____

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ____

REVIEWED BY:
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF)

DATE 6/2/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WOJ-OS-18
EPA CODE F005 — STATE CODE

II. **NAME OF WASTE** WASTE PAINT THINNERS

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	XYLENE		10	5	100 ppm	100 ppm
2	ISOPROPANOL		60	70	400 ppm	400 ppm
3	HYDROCARBONS - NAPHTHA, LACTOL SPIRITS		10	15	500 ppm	400 ppm
4	WATER		10	5		
5	METHYL ETHYL KETONE		10	5	200 ppm	200 ppm

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0	Sulfides	
Cd	0	Cl*	0	CN	0	Cyanides	
Cr	0	Cu	0	F*	0	PCB's	
Hg	0	I*	0	N*	0	Phenolics	
Ni	0	P*	0	Pb	0	**Dioxin	
S*	0	Se	0	Zn	0	**Listed Solvent	
CR+6		Tl				***Halogenated Organic Compounds 1000 Mg/L	
Other							

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes	X	No	
***Halogenated Organic Compounds 1000 Mg/L				
	Yes		No	X
Insecticides,pesticides,herbicides, or rodenticides				
	Yes		No	X

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, (LIQUID) **SLUDGE, LIQUID/SOLID PHASES, GAS**
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 10 — ESTIMATED SPECIFIC GRAVITY 1.00

V. **SHIPPING CONTAINERS**

BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17-E	400 LBS.	HAZARDOUS FLAMMABLE LIQUID
OTHER				
85 GAL.	STEEL	OVERPAK	500 LBS.	HAZARDOUS FLAMMABLE LIQUID

VI. **PROPERTIES**

FLASH POINT	70 F	(Closed Cup)	Btu/lb.	8-12 (E) K	CORROSIVE	OSHA CARCINOGEN	NO
COLOR	CLEAR/CLOUDY		pH	7	ODOR (YES/NO)	YES	
REACTIVE	NO						
TOXIC	NO						
PYROPHORIC	NO				RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO	
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION WASTE FLAMMABLE LIQUID, N.O.S.
D.O.T. HAZARD CLASSIFICATION FLAMMABLE LIQUID — EPA HAZ. SUBST. ____ Y ____ N ____ RQ
D.O.T. PLACARD FLA — D.O.T. LABEL FLAM. LIQUID — U.N. NO. 1993 — N.A. NO. ____

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST 29 PER SHIPMENT 29

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)** ____

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ____

REVIEWED BY
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF)

DATE 6/23/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WOJ-OS-19
EPA CODE — STATE CODE

II. **NAME OF WASTE** SCRAP GASOLINE AND SAND

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	SAND		30	60		
2	GASOLINE		70	40		
3						
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0		
Cd	0	Cl*	0	CN	0		
Cr	0	Cu	0	F*	0		
Hg	0	I*	0	N*	0		
Ni	0	P*	0	Pb	0		
S*	0	Se	0	Zn	0		
CR+6		Tl					

Other
Indicate test method: EPTOX/TCLP
TOTAL METALS

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes		No	X
***Halogenated Organic Compounds 1000 Mg/L	Yes		No	X
Insecticides,pesticides,herbicides, or rodenticides	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, LIQUID, SLUDGE, (LIQUID/SOLID PHASES), GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? YES — VOL% OF EACH PHASE 60 % SOLID 40 % LIQUID
- CAN THE WASTE BE PUMPED? NO — POURED? NO
- % FREE FLOWING LIQUID LAYER 40 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 0.90

V. **SHIPPING CONTAINERS**
BULK — MC Code:
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17H	300 LBS.	HAZARDOUS WASTE
OTHER				

VI. **PROPERTIES**

FLASH POINT	50 F	(Closed Cup)	Btu/lb.	8-10 K (E)	CORROSIVE	NO	OSHA CARCINOGEN NO
COLOR	SANDY		pH		ODOR (YES/NO)	YES	
REACTIVE	NO						
TOXIC	NO						
PYROPHORIC	NO				RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO	
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION: WASTE FLAMMABLE LIQUID, N.O.S.
D.O.T. HAZARD CLASSIFICATION: FLAMMABLE LIQUID — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD: YES — D.O.T. LABEL: FLAMMABLE — U.N. NO. 1993 — N.A. NO.

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST 2 PER SHIPMENT 2

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY

REVIEWED BY
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF) DATE 7/18/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WOJ-OS-20
EPA CODE — STATE CODE

II. **NAME OF WASTE** WASTE ACRYLONITRILE SOLUTION

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	ACRYLONITRILE		98	0		
2	KILL SOLUTION		2			
3						
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0	CN	0
Cd	0	Cl*	0	Cu	0	F*	0
Cr	0	Hg	0	I*	0	N*	0
Ni	0	P*	0	Pb	0	S*	0
Se	0	Zn	0	CR+6		Tl	

Other
Indicate test method: EPTOX/TCLP — TOTAL METALS

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes		No	X
***Halogenated Organic Compounds 1000 Mg/L	Yes		No	X
Insecticides, pesticides, herbicides, or rodenticides	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER
- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY

V. **SHIPPING CONTAINERS**
BULK — MC Code:
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17 E	450 LBS.	HAZARDOUS WASTE
OTHER				
85 GAL.	STEEL	OVERPAK	500 LBS.	HAZARDOUS WASTE

VI. **PROPERTIES**

FLASH POINT	(Closed Cup)	Btu/lb.	CORROSIVE	OSHA CARCINOGEN	
COLOR		pH	ODOR (YES/NO)		
REACTIVE	NO				
TOXIC	YES				
PYROPHORIC	NO		RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE NO	ETIOLOGICAL	NO	
OTHER					

VII. D.O.T. SHIPPING DESCRIPTION WASTE METHYL CYANIDE
D.O.T. HAZARD CLASSIFICATION FLAMMABLE LIQUID, POISON — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD FLA — D.O.T. LABEL FLAMMABLE — U.N. NO. 1648 — N.A. NO.

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST 1 PER SHIPMENT 1

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY

REVIEWED BY
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF)

DATE 7/28/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WOJ-OS-21
EPA CODE — STATE CODE

II. **NAME OF WASTE** WASTE TOLUENE DIISOCYANATE

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	2,4-TOLUENE DIISOCYANATE		98			
2	KILL SOLUTIONS					
3						
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0	CN	0
Cd	0	Cl*	0	Cu	0	F*	0
Cr	0	Hg	0	I*	0	N*	0
Ni	0	P*	0	Pb	0	S*	0
Se	0	Zn	0	CR+6		Tl	

Other
Indicate test method: EPTOX/TCLP
TOTAL METALS

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes		No	X
***Halogenated Organic Compounds 1000 Mg/L	Yes		No	X
Insecticides,pesticides,herbicides, or rodenticides	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE): SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS**
OTHER
- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY

V. **SHIPPING CONTAINERS**
BULK — MC Code:
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17 E	450 LBS.	HAZARDOUS WASTE POISON
OTHER				
85 GAL.	STEEL	OVERPAK	550 LBS.	HAZARDOUS WASTE POISON

VI. **PROPERTIES**

FLASH POINT	(Closed Cup)	Btu/lb.	CORROSIVE	OSHA CARCINOGEN	
COLOR		pH	ODOR (YES/NO)		
REACTIVE	YES				
TOXIC	YES				
PYROPHORIC	MP		RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE NO	ETIOLOGICAL	NO	
OTHER					

VII. D.O.T. SHIPPING DESCRIPTION: WASTE TOLUENE DIISOCYANATE
D.O.T. HAZARD CLASSIFICATION: POISON — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD: POISON — D.O.T. LABEL: POISON — U.N. NO. 2078 — N.A. NO.

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST 9 PER SHIPMENT 9

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY

REVIEWED BY
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. LOCATION: PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE: WILX10944
EPA I.D.#: NJD002444024 — DU PONT CODE: WOY-3S
EPA CODE: F002, F003 (TXI) — STATE CODE: C415

II. NAME OF WASTE: SCRAP MIXED SOLVENTS

III. COMPOSITION

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	PERCHLOROETHYLENE		20	10	50 ppm	50 ppm
2	BUTYL ALCOHOL		5	0	100 ppm	100 ppm
3	POLYMERS		80	90		
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0				
Cd	0	Cl*	0	CN	0				
Cr	0	Cu	0	F*	0				
Hg	0	I*	0	N*	15				
Ni	0	P*	0	Pb	0				
S*	0	Se	0	Zn	0				
CR+6		Tl							

Other

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes	X	No	
***Halogenated Organic Compounds 1000 Mg/L	Yes	X	No	
Insecticides, pesticides, herbicides, or rodenticides	Yes		No	X

IV. PHY. STATE @ 25 C (CIRCLE): SOLID, LIQUID, SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? YES — VOL% OF EACH PHASE: 95 % SOLID, 5 % LIQUID
- CAN THE WASTE BE PUMPED? NO — POURED? NO
- % FREE FLOWING LIQUID LAYER: 0 (VOLUME %)
- PRESSURE OF CONTAINER: 0 PSIG
- % SEPARATE PHASE WATER: 0 — ESTIMATED SPECIFIC GRAVITY: 1.50

V. SHIPPING CONTAINERS

BULK ____ MC Code: ____

NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17 E/H	650 LBS.	HAZARDOUS
OTHER				
85 GAL.	STEEL	OVERPAK	700 LBS.	HAZARDOUS

VI. PROPERTIES

FLASH POINT	120 F (Closed Cup)	Btu/lb.	10,000	CORROSIVE	NO	OSHA CARCINOGEN	NO
COLOR	VARIOUS	pH	3.72	ODOR (YES/NO)		YES, STRONG	
REACTIVE	NO						
TOXIC	YES						
PYROPHORIC	NO			RADIOACTIVE	NO		
SHOCK SENSITIV	NO	EXPLOSIVE		ETIOLOGICAL	NO		
OTHER	EYE AND SKIN IRRITANT						

VII. D.O.T. SHIPPING DESCRIPTION: RQ HAZARDOUS WASTE SOLID, N.O.S.
D.O.T. HAZARD CLASSIFICATION: ORM-E — EPA HAZ. SUBST. ____ Y ____ N ____ RQ
D.O.T. PLACARD ____ D.O.T. LABEL: YES — U.N. NO. ____ N.A. NO. 9184

VIII. VOLUME
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)
WHEN SHIPPING THE WORDS "CONTAINS TETRACHLOROETHYLENE & BUTYL ALCOHOL."
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY: O. FERNANDEZ, JR.

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. LOCATION PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE OWI7220/WILX-10927
EPA I.D. # NJD002444024 — DU PONT CODE WDY-4
EPA CODE 0003 — STATE CODE

II. NAME OF WASTE SCRAP ACRYLATE MONOMERS

III. COMPOSITION

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	TRIETHYLENE GLYCOL DIACRYLATE	60				
2	1,6 HEXANEDIOL DIACRYLATE	25				
3	1,6 HEXANEDIOL DIMETHACRYLATE (SEE COMMENTS)	25				
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0
Cd	0	Cl*	0	CN	0
Cr	10	Cu	0	F*	0
Hg	0	I*	0	N*	0
Ni	0	P*	0	Pb	0
S*	0	Se	0	Zn	0
CR+6		Tl			
Other					

Indicate test method: EPTOX/TCLP / TOTAL METALS

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes		No	X
***Halogenated Organic Compounds 1000 Mg/L	Yes		No	X
Insecticides,pesticides,herbicides, or rodenticides	Yes		No	X

IV. PHY. STATE @ 25 C (CIRCLE): SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 1.12

V. SHIPPING CONTAINERS

BULK ____ MC Code: ____

NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17 E	450 LBS.	HAZARDOUS
OTHER				
85 GAL.	STEEL	OVERPAK	550 LBS.	HAZARDOUS

VI. PROPERTIES

FLASH POINT 200 F (Closed Cup) — Btu/lb. 13,500 — CORROSIVE NO — OSHA CARCINOGEN NO
COLOR AMBER/VARIOUS — pH 4.33 — ODOR (YES/NO) NO
REACTIVE YES
TOXIC YES
PYROPHORIC NO — RADIOACTIVE NO
SHOCK SENSITIV NO — EXPLOSIVE NO — ETIOLOGICAL NO
OTHER EYE AND SKIN IRRITANT

VII. D.O.T. SHIPPING DESCRIPTION RQ WASTE COMBUSTIBLE LIQUID
D.O.T. HAZARD CLASSIFICATION COMBUSTIBLE LIQUID (LXT) — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD YES — D.O.T. LABEL NO — U.N. NO. ____ — N.A. NO. 1993

VIII. VOLUME
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)
1,6 HEXANEDIOL METHACRYLATE INHIBITED WITH ISOPROPYL ALCOHOL.
WHEN SHIPPING LIST COMPONENTS, CONTAINS: IN SECTION J: (WCF)
INHIBITOR IS ADDED TO PREVENT THERMAL POLYMERIZATION. ASH=3.7 TOC=27.0 ORGANIC CHLORIDE=2.56 AS PER LAB ANALYS

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY O. FERNANDEZ, JR.

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE WILX-10926
EPA I.D. # NJD002444024 — DU PONT CODE WDY-4S
EPA CODE N/A — STATE CODE X-910

II. **NAME OF WASTE** POLYMERIZED ACRYLATE MONOMER

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	TRIETHYLENE GLYCOL DIACRYLATE	60				
2	1,6 HEXANEDIOL DIACRYLATE	25				
3	1,6 HEXANEDIOL DIMETHACRYLATE	25				
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0				
Cd	0	Cl*	0	CN	0				
Cr	10	Cu	0	F*	0				
Hg	0	I*	0	N*	0				
Ni	0	P*	0	Pb	0				
S*	0	Se	0	Zn	0				
CR+6		Tl							
Other	10 PPM FOR CR								

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes		No	X
***Halogenated Organic Compounds 1000 Mg/L	Yes		No	X
Insecticides, pesticides, herbicides, or rodenticides	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, LIQUID, SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? YES — VOL% OF EACH PHASE 90 % SOLID 10 % LIQUID
- CAN THE WASTE BE PUMPED? NO — POURED? NO
- % FREE FLOWING LIQUID LAYER 10 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 1.40

V. **SHIPPING CONTAINERS**

BULK ____ MC Code: ____

NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17 E/H	450 LBS.	
OTHER				
85 GAL.	STEEL	OVERPAK	550 LBS.	

VI. **PROPERTIES**

FLASH POINT	200 F	(Closed Cup)	Btu/lb.	14,000	CORROSIVE	NO	OSHA CARCINOGEN NO
COLOR	VARIOUS		pH	4.33	ODOR (YES/NO)	NO	
REACTIVE	NO						
TOXIC	NO						
PYROPHORIC	NO				RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO	
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION NONE NON-REGULATED/NON-HAZARDOUS MATERIAL
D.O.T. HAZARD CLASSIFICATION NONE — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD NO — D.O.T. LABEL NO — U.N. NO. ____ — N.A. NO. ____

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
SECTION J: WASTE CHEMICAL PROCESS SOLID, N.O.S. (S)
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY O. FERNANDEZ, JR.

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF) DATE 3/12/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE L-10563/WILX-10924L
EPA I.D. # NJD002444024 — DU PONT CODE WDY-8
EPA CODE F002 F003 (T) — STATE CODE C110

II. **NAME OF WASTE** STILL BOTTOMS

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	PERCLENE (TETRACHLOROETHYLENE)		40	10	50 ppm	100 ppm
2	BUTANOL		10	10	50 ppm	100 ppm
3	ACRYLONITRILE-BUTADIENE (RANDOM COPOLYMERS)		60	80		
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0				
Cd	0	Cl*	0	CN	0				
Cr	0	Cu	0	F*	0				
Hg	0	I*	0	N*	0				
Ni	0	P*	0	Pb	0				
S*	0	Se	0	Zn	0				
CR+6		Tl							

Other

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes	X	No	
***Halogenated Organic Compounds 1000 Mg/L	Yes	X	No	
Insecticides,pesticides,herbicides, or rodenticides	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, LIQUID, SLUDGE, (LIQUID/SOLID PHASES) GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER ____ (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 1.70

V. **SHIPPING CONTAINERS**
BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
5 GAL.	STEEL	37C80	45 LBS.	HAZARDOUS
OTHER				
85 GAL.	STEEL	OVERPAK	350 LBS.	HAZARDOUS

VI. **PROPERTIES**

FLASH POINT	300 F (Closed Cup)	Btu/lb.	13,000	CORROSIVE	NO
COLOR	VARIOUS	pH		ODOR (YES/NO)	
REACTIVE	NO				
TOXIC	YES				
PYROPHORIC	NO			RADIOACTIVE	NO
SHOCK SENSITIV	NO	EXPLOSIVE	NO	ETIOLOGICAL	NO

OSHA CARCINOGEN ____
OTHER

VII. D.O.T. SHIPPING DESCRIPTION RQ HAZARDOUS WASTE SOLID, N.O.S.
D.O.T. HAZARD CLASSIFICATION ORM-E (TETRACHLOROETHYLENE) EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD NO D.O.T. LABEL ORM-E (F002 U.N. NO. ____ N.A. NO. 9189

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
SIX, 5 GALLON PAILS WILL BE PACKED INTO AN 85 GALLON OVERPACK DRUM FOR SHIPMENT.
THE WORDS CONTAIN: (TETRACHLOROETHYLENE, ACRYLONITRILE) WILL BE PLACE.
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY O. FERNANDEZ, JR. / F. RICHITTI

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. LOCATION PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WDY-12
EPA CODE N/A — STATE CODE X-900

II. NAME OF WASTE WASTE POLYESTER RESIN (PHOTOPOLYMER)

III. COMPOSITION

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	POLYBUTADIENE		80	20	N/A	N/A
2	1,2 POLYBUTADIENE RESIN		20	80	N/A	N/A
3						
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0	Sulfides	Yes	No	X
Cd	0	Cl*	0	CN	0	Cyanides	Yes	No	X
Cr	0	Cu	0	F*	0	PCB's	Yes	No	X
Hg	0	I*	0	N*	0	Phenolics	Yes	No	X
Ni	0	P*	0	Pb	0	**Dioxin	Yes	No	X
S*	0	Se	0	Zn	0	**Listed Solvent	Yes	No	X
CR+6		Tl				***Halogenated Organic Compounds 1000 Mg/L			
Other							Yes	No	X
Indicate test method:	EPTOX/TCLP					Insecticides,pesticides,herbicides, or rodenticides			
	TOTAL METALS						Yes	No	X

IV. PHY. STATE @ 25 C (CIRCLE): SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 1.00

V. SHIPPING CONTAINERS
BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17E	400 LBS.	NONE
85 GAL.	STEEL	OVERPAK	480 LBS.	
OTHER				

VI. PROPERTIES

FLASH POINT	300 F	(Closed Cup)	Btu/lb.	4-8 (E)	CORROSIVE	NO	OSHA CARCINOGEN NO
COLOR	CLEAR		pH	N/A	ODOR (YES/NO)	YES	
REACTIVE	NO						
TOXIC	NO						
PYROPHORIC	NO			RADIOACTIVE	NO		
SHOCK SENSITIV	NO	EXPLOSIVE	NO	ETIOLOGICAL	NO		
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION NON-REGULATED HAZARDOUS (POLYBUTADIENE RESIN)
D.O.T. HAZARD CLASSIFICATION NONE — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD NO — D.O.T. LABEL NO — U.N. NO. ____ — N.A. NO. ____

VIII. VOLUME
ANNUAL 5 — THIS REQUEST 5 — PER SHIPMENT 5

IX. REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ____

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/26/88

I. LOCATION: PARLIN IMAGING SYSTEMS | CONTRACTOR'S CODE: OWI-7216
EPA I.D. #: NJD002444024 | DU PONT CODE: WEA-1
EPA CODE: F002 | STATE CODE:

II. NAME OF WASTE: SOLVENT/WATER MIXTURE (EA FLOATING PRODUCT)

III. COMPOSITION

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	WATER		96	80	100 ppm	100 ppm
2	TOLUENE				100 ppm	100 ppm
3	ETHYLBENZENE, XYLENES				10 ppm	10 ppm
4	NAPHTHALENE				400 ppm	400 ppm
5	ETHYL ACETATE					

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0	Sulfides	Yes		No X
Cd	0	Cl*	0	CN	0	Cyanides	Yes		No X
Cr	0	Cu	0	F*	0	PCB's	Yes		No X
Hg	0	I*	0	N*	0	Phenolics	Yes		No X
Ni	0	P*	0	Pb	0	**Dioxin	Yes		No X
S*	0	Se	0	Zn	0	**Listed Solvent	Yes	X	No
CR+6		Tl				***Halogenated Organic Compounds 1000 Mg/L			
Other							Yes		No X
Indicate test method:		EPTOX/TCLP				Insecticides,pesticides,herbicides, or rodenticides			
		TOTAL METALS					Yes		No X

IV. PHY. STATE @ 25 C (CIRCLE): SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO | VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES | POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 96 | ESTIMATED SPECIFIC GRAVITY 1.00

V. SHIPPING CONTAINERS

BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17E	400 LBS.	HAZARDOUS
OTHER				

VI. PROPERTIES

FLASH POINT	(Closed Cup)	Btu/lb.	CORROSIVE	OSHA CARCINOGEN	
COLOR	YELLOW	pH	ODOR (YES/NO)	YES	
REACTIVE	NO				
TOXIC	YES				
PYROPHORIC	NO		RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE NO	ETIOLOGICAL	NO	
OTHER					

VII. D.O.T. SHIPPING DESCRIPTION: FLAMMABLE LIQUID, N.O.S
D.O.T. HAZARD CLASSIFICATION: FLAMMABLE LIQUID | EPA HAZ. SUBST. ____ Y ____ N ____ RQ
D.O.T. PLACARD: YES | D.O.T. LABEL: FLAMMABLE | U.N. NO. 1993 | N.A. NO. ____

VIII. VOLUME
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)
MAJOR COMPONENTS ARE AS FOLLOWS: TOLUENE 130,000 ppb; TOLUENE 1,500,000 ppb; ETHYLBENZENE; XYLENES 5,900,000 ppb; NAPHTHALENE 2,000,000 ppb; ETHYL ACETATE 110,000 ppb

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ____

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. LOCATION PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE MDC-M57824
EPA I.D. # NJD002444024 — DU PONT CODE WEM-1
EPA CODE D002, D009 — STATE CODE C-313

II. NAME OF WASTE MERCURIC CHLORIDE SOLUTION

III. COMPOSITION

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	++OSHA
1	WATER	99.4	99.4	99		
2	MERCURIC CHLORIDE	0.6	0.6	0.19	.1 mg/m3	.1 mg/m3
3	HYDROCHLORIC ACID	0.004	0.005	0	5 ppm	5 ppm
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0	Cl*	0	CN	0
Cd	0	Cl*	0	Cu	0	F*	0	N*	0
Cr	0	Hg	0.6	I*	0	P*	0	Pb	0
Ni	0	S*	0	Se	0	Zn	0	CR+6	
Tl		Other							

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes		No	X
***Halogenated Organic Compounds 1000 Mg/L	Yes		No	X
Insecticides,pesticides,herbicides, or rodenticides	Yes		No	X

IV. PHY. STATE @ 25 C (CIRCLE): SOLID (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 99.4 — ESTIMATED SPECIFIC GRAVITY 1.00

V. SHIPPING CONTAINERS
BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	POLYETHYLENI	34	450 LBS.	HAZARDOUS
OTHER 85 GAL.	STEEL	OVERPAK	550 LBS.	HAZARDOUS

VI. PROPERTIES

FLASH POINT	0 F	(Closed Cup)	Btu/lb.	N/A	CORROSIVE	YES	OSHA CARCINOGEN ____
COLOR	CLEAR		pH	1-5	ODOR (YES/NO)	NO	
REACTIVE	NO						
TOXIC	YES, LD 50 IN RATS FOR MERCURY						
PYROPHORIC	NO			RADIOACTIVE	NO		
SHOCK SENSITIV	NO	EXPLOSIVE	NO	ETIOLOGICAL	NO		
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION HAZARDOUS WASTE LIQUID, POISON, CORROSIVE, N.O.S.
D.O.T. HAZARD CLASSIFICATION ORM-E — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD YES — D.O.T. LABEL YES — U.N. NO. ____ — N.A. NO. 9189

VIII. VOLUME
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES. (L) (C) (T)

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY O. FERNANDEZ, JR.

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 5/18/88

I. LOCATION PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WEM-OS-3
EPA CODE F003 — STATE CODE

II. NAME OF WASTE SOIL CONTAMINATED WITH ACETONE

III. COMPOSITION

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	SOIL		90	85		
2	ACETONE		10	15	750 ppm	1000 ppm
3						
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0	Sulfides	Yes	No	X
Cd	0	Cl*	0	CN	0	Cyanides	Yes	No	X
Cr	0	Cu	0	F*	0	PCB's	Yes	No	X
Hg	0	I*	0	N*	0	Phenolics	Yes	No	X
Ni	0	P*	0	Pb	0	**Dioxin	Yes	No	X
S*	0	Se	0	Zn	0	**Listed Solvent	Yes X	No	
CR+6		Tl				***Halogenated Organic Compounds 1000 Mg/L			
Other							Yes	No	X

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

Insecticides, pesticides, herbicides, or rodenticides: Yes ____ No X

IV. PHY. STATE @ 25 C (CIRCLE): (SOLID) LIQUID, SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? NO — POURED? NO
- % FREE FLOWING LIQUID LAYER 0 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY ____

V. SHIPPING CONTAINERS

BULK ____ MC Code: ____

NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17-H	500 LBS.	FLAMMABLE SOLID, HAZARDOUS WASTE
OTHER 85 GAL.	STEEL	OVERPAK	600 LBS.	FLAMMABLE SOLID, HAZARDOUS WASTE

VI. PROPERTIES

FLASH POINT 0 F (Closed Cup) — Btu/lb. 4-7 K (E) — CORROSIVE NO — OSHA CARCINOGEN NO
COLOR DIRT — pH N/A — ODOR (YES/NO) YES
REACTIVE NO
TOXIC YES
PYROPHORIC NO — RADIOACTIVE NO
SHOCK SENSITIV NO — EXPLOSIVE NO — ETIOLOGICAL NO
OTHER

VII. D.O.T. SHIPPING DESCRIPTION WASTE FLAMMABLE SOLID, N.O.S.
D.O.T. HAZARD CLASSIFICATION FLAMMABLE SOLID — EPA HAZ. SUBST. ____ Y ____ N ____ RQ
D.O.T. PLACARD YES — D.O.T. LABEL FLAMMABLE ! — U.N. NO. 1325 — N.A. NO. ____

VIII. VOLUME
ANNUAL ____ THIS REQUEST 60 + PER SHIPMENT ____

IX. REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)
THE SOIL WAS CONTAMINATED WITH ACETONE FROM A LEAKING PUMP.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ____

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 6/23/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WEM-OS-04
EPA CODE F003 — STATE CODE

II. **NAME OF WASTE** SCRAP ACETONE WITH WATER

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	ACETONE		60	20	750 ppm	1000 ppm
2	WATER		40	80		
3						
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0				
Cd	0	Cl*	0	CN	0				
Cr	0	Cu	0	F*	0				
Hg	0	I*	0	N*	0				
Ni	0	P*	0	Pb	0				
S*	0	Se	0	Zn	0				
CR+6		Tl							
Other									

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes	X	No	
***Halogenated Organic Compounds 1000 Mg/L	Yes		No	X
Insecticides,pesticides,herbicides, or rodenticides	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, (LIQUID), SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 60 — ESTIMATED SPECIFIC GRAVITY 1.00

V. **SHIPPING CONTAINERS**
BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17/H	150 LBS.	HAZARDOUS WASTE
OTHER				

VI. **PROPERTIES**

FLASH POINT	0 F	(Closed Cup)	Btu/lb.	8 K (E)	CORROSIVE	NO	OSHA CARCINOGEN NO
COLOR	CLEAR		pH		ODOR (YES/NO)	YES	
REACTIVE	NO						
TOXIC	YES						
PYROPHORIC	NO				RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO	
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION ____
D.O.T. HAZARD CLASSIFICATION ____ EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD ____ D.O.T. LABEL ____ U.N. NO. ____ N.A. NO. ____

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)** ____

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ____

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 6/29/88

I. LOCATION PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WEM-OS-04-S
EPA CODE D001 — STATE CODE

II. NAME OF WASTE WASTE ACETONE AND PROTECTIVE CLOTHING

III. COMPOSITION

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	ACETONE		25	20	750 ppm	1000 ppm
2	WATER		25	20		
3	PROTECTIVE CLOTHING: TYVEKS AND GLOVES		50	60		
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0				
Cd	0	Cl*	0	CN	0				
Cr	0	Cu	0	F*	0				
Hg	0	I*	0	N*	0				
Ni	0	P*	0	Pb	0				
S*	0	Se	0	Zn	0				
CR+6		Tl							
Other									

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes	X	No	
***Halogenated Organic Compounds 1000 Mg/L	Yes		No	X
Insecticides, pesticides, herbicides, or rodenticides	Yes		No	X

IV. PHY. STATE @ 25 C (CIRCLE): SOLID, LIQUID, SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? YES — VOL% OF EACH PHASE 60 % SOLID 40 % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 40 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 10 — ESTIMATED SPECIFIC GRAVITY 1.00

V. SHIPPING CONTAINERS

BULK ____ MC Code: ____

NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17-H	200 LBS.	FLAMMABLE LIQUID
OTHER				

VI. PROPERTIES

FLASH POINT	100 F	(Closed Cup)	Btu/lb.	8-12 K (E)	CORROSIVE	NO	OSHA CARCINOGEN NO
COLOR	RED/WHITE		pH		ODOR (YES/NO)	YES	
REACTIVE	NO						
TOXIC	YES						
PYROPHORIC	NO				RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO	
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION RQ WASTE FLAMMABLE LIQUID, N.O.S.
D.O.T. HAZARD CLASSIFICATION FLAMMABLE LIQUID EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD FLAMMABLE D.O.T. LABEL FLAMMABLE U.N. NO. 1993 N.A. NO. ____

VIII. VOLUME
ANNUAL ____ THIS REQUEST 2 PER SHIPMENT 2

IX. REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS) ____

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ____

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. LOCATION PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WER-1
EPA CODE N/A — STATE CODE N/A

II. NAME OF WASTE INFECTIOUS WASTE

III. COMPOSITION

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	DISPOSABLE SYRINGES AND NEEDLES					
2	INFLUENZA VIRUS VACCINE VIALS					
3						
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0				
Cd		Cl*	0	CN	0				
Cr	0	Cu	0	F*	0				
Hg	0	I*	0	N*	0				
Ni	0	P*	0	Pb	0				
S*	0	Se	0	Zn	0				
CR+6		Tl							
Other									

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes		No	X
***Halogenated Organic Compounds 1000 Mg/L	Yes		No	X
Insecticides,pesticides,herbicides, or rodenticides	Yes		No	X

IV. PHY. STATE @ 25 C (CIRCLE): (SOLID) LIQUID, SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED?
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? NO — POURED? NO
- % FREE FLOWING LIQUID LAYER ____ (VOLUME %)
- PRESSURE OF CONTAINER ____ PSIG
- % SEPARATE PHASE WATER ____ — ESTIMATED SPECIFIC GRAVITY ____

V. SHIPPING CONTAINERS

BULK ____ MC Code: ____

NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
< 4 L.	PLASTIC		4 LBS.	INFECTIOUS WASTE
OTHER				

VI. PROPERTIES

FLASH POINT ____ (Closed Cup) — Btu/lb. ____ — CORROSIVE ____ — OSHA CARCINOGEN ____
COLOR ____ — pH ____ — ODOR (YES/NO) ____
REACTIVE ____
TOXIC YES
PYROPHORIC ____ — RADIOACTIVE ____
SHOCK SENSITIV ____ — EXPLOSIVE ____ — ETIOLOGICAL YES
OTHER ____

VII. D.O.T. SHIPPING DESCRIPTION WASTE ETIOLOGICAL AGENT
D.O.T. HAZARD CLASSIFICATION ETIOLOGICAL AGENT — EPA HAZ. SUBST. ____ Y ____ N ____ RQ
D.O.T. PLACARD YES — D.O.T. LABEL ETIOLOGICAL — U.N. NO. ____ — N.A. NO. 2814

VIII. VOLUME
ANNUAL ____ THIS REQUEST 7 PER SHIPMENT 7

IX. REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR COMPOSITION.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY O. FERNANDEZ, JR.

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 7/7/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE WPS-24243/WILX11217
EPA I.D. # NJD002444024 — DU PONT CODE WOJ-10
EPA CODE F003, F005 — STATE CODE C-443

II. **NAME OF WASTE** GELLED RESIN WASTE (DIRTY WASH SOLVENT)

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	LOWER	E. EXPOSURE LIMITS +ACGIH	++OSHA
1	METHYL ETHYL KETONE		10	5	200 ppm	200 ppm
2	ETHYL ACETATE		15	10	100 ppm	150 ppm
3	ALCOHOL		15	10	400 ppm	150 ppm
4	TOLUENE		20	15	100 ppm	200 ppm
5	ACETONE		10	5	750 ppm	1000 ppm

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0		
Cd	0	Cl*	0	CN	0		
Cr	0	Cu	0	F*	0		
Hg	0	I*	0	N*	0		
Ni	0	P*	0	Pb	0		
S*	0	Se	0	Zn	0		
CR+6		Tl					

Other ACRYLIC RESIN (50-20) MINERAL SPIRITS (10-5) NAPHTHA

Indicate test method: EPTOX/TCLP
TOTAL METALS

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes	X	No	
***Halogenated Organic Compounds 1000 Mg/L				
	Yes		No	X
Insecticides, pesticides, herbicides, or rodenticides				
	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 1.25 — ESTIMATED SPECIFIC GRAVITY 0.98

V. **SHIPPING CONTAINERS**
BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17/E	450 LBS.	HAZARDOUS WASTE, FLAMMABLE LIQUID
OTHER				
85 GAL.	STEEL	OVERPAK	540 LBS.	HAZARDOUS WASTE, FLAMMABLE LIQUID

VI. **PROPERTIES**

FLASH POINT	70 F	(Closed Cup)	Btu/lb.	14,500	CORROSIVE	NO	OSHA CARCINOGEN NO
COLOR	CLEAR/BROWN		pH	6	ODOR (YES/NO)	YES	
REACTIVE	NO						
TOXIC	YES						
PYROPHORIC	NO				RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO	
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION RQ WASTE PAINT RELATED MATERIAL
D.O.T. HAZARD CLASSIFICATION FLAMMABLE LIQUID (F003, F005) EPA HAZ. SUBST. ____ Y ____ N ____ RQ
D.O.T. PLACARD YES D.O.T. LABEL FLAMMABLE U.N. NO. ____ N.A. NO. 1263

VIII. **VOLUME**
ANNUAL 10,000 GAL. THIS REQUEST ____ PER SHIPMENT 2,500

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES (L) (I) (T)

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ____

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 7/7/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE WPS 24242/WILX11218
EPA I.D. # NJD002444024 — DU PONT CODE WOJ-20
EPA CODE F002 — STATE CODE

II. **NAME OF WASTE** WASTE METHYLENE CHLORIDE SOLUTION

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	METHYLENE CHLORIDE	64	90	50	200 ppm	200 ppm
2	ACRYLIC RESIN	33	33	5	10 ppm	
3	METHANOL	3	5	1	200 ppm	200 ppm
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0		
Cd	0	Cl*	56	CN	0		
Cr	0	Cu	0	F*	0		
Hg	0	I*	0	N*	100		
Ni	0	P*	0	Pb	0		
S*	0	Se	0	Zn	0		
CR+6		Tl					
Other							

Indicate test method: EPTOX/TCLP / TOTAL METALS

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes	X	No	
***Halogenated Organic Compounds 1000 Mg/L	Yes	X	No	
Insecticides,pesticides,herbicides, or rodenticides	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 1.10

V. **SHIPPING CONTAINERS**
BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17E/17H	550 LBS.	HAZARDOUS WASTE
OTHER				
85 GAL.	STEEL	OVERPACK	650 LBS.	HAZARDOUS WASTE

VI. **PROPERTIES**

FLASH POINT	400 F	(Closed Cup)	Btu/lb.	7 K	CORROSIVE	NO	OSHA CARCINOGEN
COLOR	CLEAR		pH	5.0-6.0	ODOR (YES/NO)	YES	
REACTIVE	NO						
TOXIC	YES						
PYROPHORIC	NO				RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO	
OTHER	SKIN IRRITANT						

VII. D.O.T. SHIPPING DESCRIPTION WASTE METHYLENE CHLORIDE SOLUTION
D.O.T. HAZARD CLASSIFICATION ORM-A — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD NO — D.O.T. LABEL ORM-A — U.N. NO. 1593 — N.A. NO. ____

VIII. **VOLUME**
ANNUAL 4000 GAL. — THIS REQUEST ____ — PER SHIPMENT 1500 GAL.

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY LOUIS J. PAPA/ORLANDO FERNANDEZ, JR.

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 7/7/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE WPS31978/WILX-11223
EPA I.D. # NJD002444024 — DU PONT CODE WOU-30
EPA CODE F003, F005 — STATE CODE C433 C322

II. **NAME OF WASTE** POLYMER RESIDUE AND FILTER PAPER

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	METHYL ETHYL KETONE		5	0	200 ppm	200 ppm
2	ETHYL ACETATE		5	0	400 ppm	400 ppm
3	ALCOHOL		5	0	1000 ppm	1000 ppm
4	TOLUENE		10	0	100 ppm	200 ppm
5	ACRYLIC RESIN		50	10	10 ppm	

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	1	As	20	Be	10	Sulfides	Yes	No	X
Cd	5	Cl*	0	CN	1	Cyanides	Yes	No	X
Cr	1	Cu	7	F*	0	PCB's	Yes	No	X
Hg	5	I*	0	N*	0	Phenolics	Yes	No	X
Ni	1	P*	0	Pb	39	**Dioxin	Yes	No	X
S*	0	Se	3	Zn	10	**Listed Solvent	Yes X	No	
CR+6		Tl				***Halogenated Organic Compounds 1000 Mg/L			
Other	ACETONE(5), HYDROCARBONS, FILTERS (50) PAPER (50)						Yes	No	X
Indicate test method:	EPTOX/TCLP E.P.					Insecticides, pesticides, herbicides, or rodenticides			
	TOTAL METALS						Yes	No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, LIQUID, SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? YES — VOL% OF EACH PHASE 90 % SOLID 10 % LIQUID
- CAN THE WASTE BE PUMPED? NO — POURED? NO
- % FREE FLOWING LIQUID LAYER 10 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 1.14 — ESTIMATED SPECIFIC GRAVITY 0.9-1.0

V. **SHIPPING CONTAINERS**
BULK — MC Code:
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17H	550 LBS.	HAZARDOUS WASTE, FLAMMABLE LIQUID
OTHER 85 GAL.	STEEL	OVERPACK	650 LBS.	HAZARDOUS WASTE, FLAMMABLE LIQUID

VI. **PROPERTIES**

FLASH POINT	70 F (Closed Cup)	Btu/lb.	500-1000	CORROSIVE	NO	OSHA CARCINOGEN	NO
COLOR	CLEAR/BLACK	pH	7.86	ODOR (YES/NO)	YES		
REACTIVE	NO						
TOXIC	YES						
PYROPHORIC	NO			RADIOACTIVE	NO		
SHOCK SENSITIV	NO	EXPLOSIVE	NO	ETIOLOGICAL	NO		
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION RQ WASTE FLAMMABLE LIQUID, N.O.S.
D.O.T. HAZARD CLASSIFICATION FLAMMABLE LIQUID (LXIXT) EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD YES D.O.T. LABEL FLAMMABLE U.N. NO. 1993 N.A. NO.

VIII. **VOLUME**
ANNUAL 5,000 GAL. THIS REQUEST ____ PER SHIPMENT 20 DRUMS

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
CONSISTENCY IS LIKE COTTAGE CHEESE.
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY LOUIS PAPA/ORLANDO FERNANDEZ, JR./JOHN BRZEZNIAK

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 7/7/88

I. LOCATION PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE WPS24240/WILX-11222
EPA I.D. # NJD002444024 — DU PONT CODE WOJ-40
EPA CODE WASTE ACRYLIC LATEX — STATE CODE X-900

II. NAME OF WASTE

III. COMPOSITION

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	WATER		75	40		
2	ACRYLIC LATEX		40	20		
3	METHYL METHACRYLATE		5	0	100 ppm	100 ppm
4	ACRYLONITRILE		1	0	2 ppm	2 ppm
5	BUTYL ACRYLATE		1	0	10 ppm	

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0		
Cd	0	Cl*	0	CN	0		
Cr	0	Cu	0	F*	0		
Hg	0	I*	0	N*	0		
Ni	0	P*	0	Pb	0		
S*	0	Se	0	Zn	0		
CR+6		Tl					
Other							

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes		No	X
***Halogenated Organic Compounds 1000 Mg/L	Yes		No	X
Insecticides,pesticides,herbicides, or rodenticides	Yes		No	X

IV. PHY. STATE @ 25 C (CIRCLE): SOLID, (LIQUID) (SLUDGE), LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER ____ — ESTIMATED SPECIFIC GRAVITY 1.00

V. SHIPPING CONTAINERS

BULK ____ MC Code: ____

NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17E/H	450 LBS.	N/A
OTHER				
85 GAL.	STEEL	OVERPACK	550 LBS.	

VI. PROPERTIES

FLASH POINT	200 F (Closed Cup)	Btu/lb.	1-4 K(E)	CORROSIVE	NO	OSHA CARCINOGEN	NO
COLOR	MILK WHITE	pH	6	ODOR (YES/NO)	YES		
REACTIVE	NO						
TOXIC	NO						
PYROPHORIC	NO			RADIOACTIVE	NO		
SHOCK SENSITIV	NO	EXPLOSIVE	NO	ETIOLOGICAL	NO		
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION NON-REGULATED/NON-HAZARDOUS MATERIAL
D.O.T. HAZARD CLASSIFICATION NONE — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD NONE — D.O.T. LABEL NONE — U.N. NO. ____ — N.A. NO. ____

VIII. VOLUME
ANNUAL 5,000 — THIS REQUEST ____ — PER SHIPMENT ____

IX. REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)
SECTION J: WASTE CHEMICAL PROCESS LIQUID, N.O.S.
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES (L)
NJ CODE X-900

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY LOUIS PAPA/ORLANDO FERNANDEZ, JR.

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 7/7/88

I. LOCATION: PARLIN IMAGING SYSTEMS
EPA I.D. #: NJD002444024
EPA CODE: N/A
CONTRACTOR'S CODE: WPS-31977/WILX11221
DU PONT CODE: WOJ-50
STATE CODE: X-900

II. NAME OF WASTE: W.A. FILTERS

III. COMPOSITION

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	WATER		20	10		
2	ACRYLIC LATEX		10	10		
3	METHYL METHACRYLATE		1	0	100 ppm	100 ppm
4	ACRYLONITRILE		1	0	2 ppm	2 ppm
5	BUTYLACRYLATE		50	0	10 ppm	

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	1	As	20	Be	10		
Cd	5	Cl*	0	CN	1		
Cr	1	Cu	7	F*	0		
Hg	5	I*	1	N*	0		
Ni	1	P*	0	Pb	39		
S*	0	Se	3	Zn	10		
CR+6		Tl					
Other							

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes ____	No X
Cyanides	Yes ____	No X
PCB's	Yes ____	No X
Phenolics	Yes ____	No X
**Dioxin	Yes ____	No X
**Listed Solvent	Yes ____	No X
***Halogenated Organic Compounds 1000 Mg/L	Yes ____	No X
Insecticides, pesticides, herbicides, or rodenticides	Yes ____	No X

IV. PHY. STATE @ 25 C (CIRCLE): SOLID, LIQUID, SLUDGE, (LIQUID/SOLID PHASES) GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? YES — VOL% OF EACH PHASE: 90 % SOLID, 10 % LIQUID
- CAN THE WASTE BE PUMPED? NO — POURED? NO
- % FREE FLOWING LIQUID LAYER: 10 (VOLUME %)
- PRESSURE OF CONTAINER: 0 PSIG
- % SEPARATE PHASE WATER: 10 — ESTIMATED SPECIFIC GRAVITY: 1.20

V. SHIPPING CONTAINERS
BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17H	500 LBS.	
OTHER 85 GAL.	STEEL	OVERPAK	565 LBS.	

VI. PROPERTIES

FLASH POINT	200 F	(Closed Cup)	Btu/lb.	5-9 K	CORROSIVE	NO	OSHA CARCINOGEN: NO
COLOR	MILKY WHITE		pH	6	ODOR (YES/NO)	YES	
REACTIVE	NO						
TOXIC	NO						
PYROPHORIC	NO				RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO	
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION: NON-HAZARDOUS/NON-REGULATED MATERIAL (NOT A RCRA WASTE)
D.O.T. HAZARD CLASSIFICATION: N/A — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD: NONE — D.O.T. LABEL: NONE — U.N. NO. ____ — N.A. NO. ____

VIII. VOLUME
ANNUAL: 4,000 — THIS REQUEST: ____ — PER SHIPMENT: 20 DRUMS

IX. REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)
SECTION J: WASTE CHEMICAL PROCESS LIQUID, N.O.S. (L) NJ CODE X900
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY: LOUIS PAPA/ORLANDO FERNANDEZ, JR.

REVIEWED BY:
DATE REVIEWED:

WASTE CHARACTERIZATION FORM (WCF)

DATE 7/28/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WOJ-OS-22
EPA CODE — STATE CODE

II. **NAME OF WASTE** TEFLON

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	TEFLON POWDER		100			
2						
3						
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0		
Cd	0	Cl*	0	CN	0		
Cr	0	Cu	0	F*	0		
Hg	0	I*	0	N*	0		
Ni	0	P*	0	Pb	0		
S*	0	Se	0	Zn	0		
CR+6		Tl					

Other
Indicate test method: EPTOX/TCLP — TOTAL METALS

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes		No	X
***Halogenated Organic Compounds 1000 Mg/L	Yes	X	No	
Insecticides,pesticides,herbicides, or rodenticides	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** (SOLID) LIQUID, SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? YES
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? NO — POURED? NO
- % FREE FLOWING LIQUID LAYER 0 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY

V. **SHIPPING CONTAINERS**
BULK — MC Code:
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17H	450 LBS.	NONE
OTHER				

VI. **PROPERTIES**

FLASH POINT	(Closed Cup)	Btu/lb.	CORROSIVE	OSHA CARCINOGEN	
COLOR	WHITE	pH	ODOR (YES/NO)		
REACTIVE	NO				
TOXIC	NO				
PYROPHORIC	NO		RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE NO	ETIOLOGICAL	NO	
OTHER					

VII. D.O.T. SHIPPING DESCRIPTION NONE
D.O.T. HAZARD CLASSIFICATION NONE — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD ____ D.O.T. LABEL ____ U.N. NO. ____ N.A. NO. ____

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST 9 PER SHIPMENT 9

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)** ____

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ____

REVIEWED BY
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. LOCATION PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE LB494/WIL V10,036
EPA I.D. # NJD002444024 — DU PONT CODE WPL-2
EPA CODE N/A — STATE CODE X-726

II. NAME OF WASTE SCRAP LUBRICATING OIL

III. COMPOSITION

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	OIL		90	100	100 ppm	100 ppm
2	FREON #113 (TRICHLOROTRIFLUOROETHANE)		10	0	100 ppm	100 ppm
3						
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0	Sulfides	Yes	No	X
Cd	0	Cl*	0	CN	0	Cyanides	Yes	No	X
Cr	0	Cu	0	F*	0	PCB's	Yes	No	X
Hg	0	I*	0	N*	0	Phenolics	Yes	No	X
Ni	0	P*	0	Pb	0	**Dioxin	Yes	No	X
S*	0	Se	0	Zn	0	**Listed Solvent	Yes	No	X
CR+6		Tl				***Halogenated Organic Compounds 1000 Mg/L			
Other							Yes X	No	
Indicate test method:		EPTOX/TCLP				Insecticides,pesticides,herbicides, or rodenticides			
		TOTAL METALS					Yes	No	X

IV. PHY. STATE @ 25 C (CIRCLE): SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER ____ — ESTIMATED SPECIFIC GRAVITY 0.80

V. SHIPPING CONTAINERS

BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17E	500 LBS.	HAZARDOUS
OTHER				
85 GAL.	STEEL	OVERPACK	650 LBS.	HAZARDOUS

VI. PROPERTIES

FLASH POINT 300 F (Closed Cup) — Btu/lb. 14 K (e) — CORROSIVE ____ — OSHA CARCINOGEN ____
COLOR GRAY/BLACK — pH ____ — ODOR (YES/NO) ____
REACTIVE NO
TOXIC NO
PYROPHORIC NO — RADIOACTIVE NO
SHOCK SENSITIV NO — EXPLOSIVE NO — ETIOLOGICAL NO
OTHER

VII. D.O.T. SHIPPING DESCRIPTION HAZARDOUS LIQUID, N.O.S.
D.O.T. HAZARD CLASSIFICATION ORM-E CONTAINS: OIL, FREON #113 — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD ____ D.O.T. LABEL ____ U.N. NO. ____ N.A. NO. 9189

VIII. VOLUME
ANNUAL 500 GAL. — THIS REQUEST 200 GAL. — PER SHIPMENT 200 GAL.

IX. REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES. (L)

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ORLANDO FERNANDEZ, JR.

REVIEWED BY
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. LOCATION PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE L10712/OW17232
EPA I.D. # NJD002444024 — DU PONT CODE WPL-3
EPA CODE 0001 — STATE CODE

II. NAME OF WASTE SCRAP SOLVENT

III. COMPOSITION

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	MINERAL SPIRITS		80	96	100 ppm	
2	MISCELLANEOUS PAINT		14	3		
3	DIRT		3	1		
4	WATER		3	0		
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0				
Cd	0	Cl*	0	CN	0				
Cr	0	Cu	0	F*	0				
Hg	0	I*	0	N*	0				
Ni	0	P*	0	Pb	0				
S*	0	Se	0	Zn	0				
CR+6		Tl							
Other									

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes	No X
Cyanides	Yes	No X
PCB's	Yes	No X
Phenolics	Yes	No X
**Dioxin	Yes	No X
**Listed Solvent	Yes	No X
***Halogenated Organic Compounds 1000 Mg/L	Yes	No X
Insecticides,pesticides,herbicides, or rodenticides	Yes	No X

IV. PHY. STATE @ 25 C (CIRCLE): SOLID, (LIQUID), SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? YES — VOL% OF EACH PHASE 3 % SOLID 97 % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 97 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 0.90

V. SHIPPING CONTAINERS

BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17E	500 LBS.	HAZARDOUS
OTHER				
85 GAL.	STEEL	OVERPACK	600 LBS.	HAZARDOUS

VI. PROPERTIES

FLASH POINT 57 F (Closed Cup) — Btu/lb. 14 K(E) — CORROSIVE ____ — OSHA CARCINOGEN ____
COLOR VARIOUS — pH ____ — ODOR (YES/NO) ____
REACTIVE NO
TOXIC NO
PYROPHORIC NO — RADIOACTIVE NO
SHOCK SENSITIV NO — EXPLOSIVE NO — ETIOLOGICAL NO
OTHER

VII. D.O.T. SHIPPING DESCRIPTION RQ WASTE FLAMMABLE LIQUID, N.O.S.
D.O.T. HAZARD CLASSIFICATION FLAMMABLE LIQUID — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD YES — D.O.T. LABEL FLAMMABLE — U.N. NO. 1993 — N.A. NO. ____

VIII. VOLUME
ANNUAL 250 GAL. — THIS REQUEST ____ — PER SHIPMENT ____

IX. REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES (I.)(1).

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ORLANDO FERNANDEZ, JR.

REVIEWED BY
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE OWI-7233 L 10562
EPA I.D. # NJD002111024 — DU PONT CODE WPL-4
EPA CODE N/A — STATE CODE X-726

II. **NAME OF WASTE** WASTE LUBRICATING OIL

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	LUBRICATING OIL		100	95		
2	WATER		0	5		
3						
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0		
Cd	0	Cl*	0	CN	0		
Cr	0	Cu	0	F*	0		
Hg	0	I*	0	N*	0		
Ni	0	P*	0	Pb	0		
S*	0	Se	0	Zn	0		
CR+6		Tl					
Other							

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes		No	X
***Halogenated Organic Compounds 1000 Mg/L	Yes		No	X
Insecticides,pesticides,herbicides, or rodenticides	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 5 — ESTIMATED SPECIFIC GRAVITY 0.90

V. **SHIPPING CONTAINERS**

BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17 E/H	450 LBS.	HAZARDOUS WASTE (PER NJDEP)
OTHER				
85 GAL.	STEEL	OVERPACK	550 LBS.	HAZARDOUS WASTE (PER NJDEP)

VI. **PROPERTIES**

FLASH POINT	300 F (Closed Cup)	Btu/lb.	15 K (E)	CORROSIVE	NO	OSHA CARCINOGEN	NO
COLOR	BLACK/GRAY	pH	7	ODOR (YES/NO)		NONE	
REACTIVE	NO						
TOXIC	NO						
PYROPHORIC	NO			RADIOACTIVE	NO		
SHOCK SENSITIV	NO	EXPLOSIVE	NO	ETIOLOGICAL	NO		
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION HAZARDOUS WASTE LIQUID, N.O.S.
D.O.T. HAZARD CLASSIFICATION ORM-E — EPA HAZ. SUBST. ____ Y ____ N ____ RQ
D.O.T. PLACARD NO — D.O.T. LABEL NO — U.N. NO. ____ — N.A. NO. 9189

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ORLANDO FERNANDEZ, JR.

REVIEWED BY
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. LOCATION PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE WPS-31503
EPA I.D. # NJD002444024 — DU PONT CODE WPL-9
EPA CODE N/A — STATE CODE X-722

II. NAME OF WASTE WASTE FUEL OIL

III. COMPOSITION

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	#6 FUEL OIL		75	10		
2	WATER		25	90		
3						
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0	Sulfides	Yes	X	No
Cd	0	Cl*	0	CN	0	Cyanides	Yes		No X
Cr	0	Cu	0	F*	0	PCB's	Yes		No X
Hg	0	I*	0	N*	0	Phenolics	Yes		No X
Ni	0	P*	0	Pb	0	**Dioxin	Yes		No X
S*	100	Se	0	Zn	0	**Listed Solvent	Yes		No X
CR+6		Tl				***Halogenated Organic Compounds 1000 Mg/L			
Other							Yes		No X
Indicate test method:		EPTOX/TCLP				insecticides,pesticides,herbicides, or rodenticides			
		TOTAL METALS					Yes		No X

IV. PHY. STATE @ 25 C (CIRCLE): SOLID, LIQUID, SLUDGE, (LIQUID/SOLID PHASES) GAS
OTHER
- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? YES — VOL% OF EACH PHASE 75 % SOLID 25 % LIQUID
- CAN THE WASTE BE PUMPED NO — POURED? NO
- % FREE FLOWING LIQUID LAYER 25 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 25 — ESTIMATED SPECIFIC GRAVITY 0.95

V. SHIPPING CONTAINERS
BULK — MC Code:
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17 H/E	550 LBS.	COMBUSTIBLE
OTHER				
85 GAL.	STEEL	OVERPACK	660 LBS.	COMBUSTIBLE

VI. PROPERTIES

FLASH POINT	200 F (Closed Cup)	Btu/lb.	5-8 K(E)	CORROSIVE	NO	OSHA CARCINOGEN	NO
COLOR	BLACK/GRAY	pH	5-6	ODOR (YES/NO)	YES		
REACTIVE	NO						
TOXIC	NO						
PYROPHORIC	NO			RADIOACTIVE	NO		
SHOCK SENSITIV	NO	EXPLOSIVE	NO	ETIOLOGICAL	NO		
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION WASTE FUEL OIL #6
D.O.T. HAZARD CLASSIFICATION COMBUSTIBLE LIQUID — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD YES — D.O.T. LABEL ____ — U.N. NO. ____ — N.A. NO. 1993

VIII. VOLUME
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)
THIS IS NOT A RCRA WASTE, IT IS A DOT HAZARD ONLY.
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ORLANDO FERNANDEZ, JR.

REVIEWED BY
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WPL-15
EPA CODE N/A — STATE CODE C-387

II. **NAME OF WASTE** PCB CONTAMINATED OIL FROM TRANSFORMERS

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	TRANSFORMER OIL CONTAINING PCB'S		4000	7	.5 mg/kg	.5 mg/kg
2						
3						
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0	CN	0	Sulfides	Yes ____ No X
Cd	0	Cl*	0	CN	0	F*	0	Cyanides	Yes ____ No X
Cr	0	Cu	0	F*	0	N*	0	PCB's	Yes X No ____
Hg	0	I*	0	N*	0	Pb	0	Phenolics	Yes ____ No X
Ni	0	P*	0	Pb	0	Zn	0	**Dioxin	Yes ____ No X
S*	0	Se	0	Zn	0			**Listed Solvent	Yes ____ No X
CR+6		Tl						***Halogenated Organic Compounds 1000 Mg/L	
Other									Yes ____ No X

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

insecticides,pesticides,herbicides, or rodenticides Yes ____ No X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, LIQUID, SLUDGE, (LIQUID/SOLID PHASES), GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 1.50

V. **SHIPPING CONTAINERS**

BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17 E	450 LBS.	HAZARDOUS SUBSTANCE NOS
OTHER 95 GAL.	STEEL	OVERPACK	550 LBS.	HAZARDOUS SUBSTANCE NOS

VI. **PROPERTIES**

FLASH POINT	432 F	(Closed Cup)	Btu/lb.	17 K	CORROSIVE	NO	OSHA CARCINOGEN YES, CONTAINS PC
COLOR	AMBER		pH		ODOR (YES/NO)	YES, AROMATIC	
REACTIVE	NO						
TOXIC	YES, CONTAINS PCB'S						
PYROPHORIC	NO				RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO	
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION RQ HAZARDOUS SUBSTANCE, N.O.S
D.O.T. HAZARD CLASSIFICATION ORM-E (CONTAINS PCB'S) EPA HAZ. SUBST. ____ Y ____ N ____ RQ
D.O.T. PLACARD YES D.O.T. LABEL YES U.N. NO. ____ N.A. NO. 9188

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
THIS IS NOT A RCRA HAZARDOUS WASTE.
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ORLANDO FERNANDEZ, JR.

REVIEWED BY
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF)

DATE 4/12/88

I. LOCATION PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WPL-15c
EPA CODE N/A — STATE CODE C-387

II. NAME OF WASTE PCB'S CAPACITORS

III. COMPOSITION

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	POLYCHLORINATED BIPHENYLS	100	100	0	.5 mg/kg	.5 mg/kg
2						
3						
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0	Sulfides	
Cd	0	Cl*	0	CN	0	Cyanides	
Cr	0	Cu	0	F*	0	PCB's	
Hg	0	I*	0	N*	0	Phenolics	
Ni	0	P*	0	Pb	0	**Dioxin	
S*	0	Se	0	Zn	0	**Listed Solvent	
CR+6		Tl				***Halogenated Organic Compounds 1000 Mg/L	

Other
indicate test method: EPTOX/TCLP
TOTAL METALS

F. DOES THE WASTE CONTAIN:

	Yes	No
Sulfides		X
Cyanides		X
PCB's	X	
Phenolics		X
**Dioxin		X
**Listed Solvent		X
***Halogenated Organic Compounds 1000 Mg/L	X	
Insecticides,pesticides,herbicides, or rodenticides		X

IV. PHY. STATE @ 25 C (CIRCLE): SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER
- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 1.50

V. SHIPPING CONTAINERS
BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17/H	200 LBS.	HAZARDOUS WASTE
OTHER				
85 GAL.	STEEL	OVERPAK	250 LBS.	HAZARDOUS WASTE

VI. PROPERTIES

FLASH POINT	286 F	(Closed Cup)	Btu/lb.	17 K (E)	CORROSIVE	NO	OSHA CARCINOGEN: YES
COLOR	AMBER		pH		ODOR (YES/NO)	YES, AROMATIC	
REACTIVE	NO						
TOXIC	YES						
PYROPHORIC	NO				RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO	
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION: RQ HAZARDOUS WASTE LIQUID, N.O.S.
D.O.T. HAZARD CLASSIFICATION: ORM-E — EPA HAZ. SUBST. ____ Y ____ N ____ RQ
D.O.T. PLACARD: YES — D.O.T. LABEL: ORM-E — U.N. NO. ____ — N.A. NO. 9188

VIII. VOLUME
ANNUAL ____ THIS REQUEST 10 CAPACITORS PER SHIPMENT 10

IX. REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)
THREE CAPACITORS PER 55 GAL. 17/H DRUM WHICH ARE PACKAGED IN A 85 GAL. STEEL OVERPAK.
SEE ATTACHED DATA SHEET FOR EACH CAPACITOR.
SECTION J: CONTAINS PCB'S (LXT).

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ORLANDO FERNANDEZ, JR.

REVIEWED BY
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/23/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WPL-OS-13
EPA CODE N/A — STATE CODE X-724

II. **NAME OF WASTE** WASTE DIRTY FUEL #2

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	FUEL OIL #2		98	97		
2	DIRT AND WATER		2	3		
3						
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0
Cd	0	Cl*	0	CN	0
Cr	0	Cu	0	F*	0
Hg	0	I*	0	N*	0
Ni	0	P*	0	Pb	0
S*		Se	0	Zn	0
CR+6		Tl			

Other

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes	X	No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes		No	X
***Halogenated Organic Compounds 1000 Mg/L				
	Yes		No	X
Insecticides,pesticides,herbicides, or rodenticides				
	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE): SOLID, (LIQUID), SLUDGE, LIQUID/SOLID PHASES, GAS**
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? ____ VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED YES POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 3 ESTIMATED SPECIFIC GRAVITY 0.93

V. **SHIPPING CONTAINERS**
BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17-E	450 LBS.	COMBUSTIBLE
OTHER				
85 GAL.	STEEL	OVERPACK	510 LBS.	COMBUSTIBLE

VI. **PROPERTIES**

FLASH POINT	130 F (Closed Cup)	Btu/lb.	8-12 K (E)	CORROSIVE	NO	OSHA CARCINOGEN	NO
COLOR	STRAW/BLACK	pH	7	ODOR (YES/NO)		FUEL OIL SMELL	
REACTIVE	NO						
TOXIC	NO						
PYROPHORIC	NO			RADIOACTIVE	NO		
SHOCK SENSITIV	NO	EXPLOSIVE	NO	ETIOLOGICAL	NO		
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION WASTE FUEL OIL NO. 2
D.O.T. HAZARD CLASSIFICATION COMBUSTIBLE LIQUID EPA HAZ. SUBST. ____ Y ____ N ____ RQ
D.O.T. PLACARD YES D.O.T. LABEL ____ U.N. NO. ____ N.A. NO. 1993

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST 30,808 PER SHIPMENT 30,808

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)** ____

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY ORLANDO FERNANDEZ, JR.

REVIEWED BY
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF) DATE 6/9/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WPL-OS-15
EPA CODE — STATE CODE

II. **NAME OF WASTE** SOIL CONTAMINATED WITH OIL

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	DIRT		85	90		
2	MINERAL OIL		15	10		
3						
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0	CN	0
Cd	0	Cl*	0	Cu	0	F*	0
Cr	0	Hg	0	I*	0	N*	0
Ni	0	P*	0	Pb	0	S*	0
Se	0	Zn	0	CR+6		Tl	

Other MAY CONTAIN: RAGS, GLOVES AND TYVEK UNIFORMS
Indicate test method: EPTOX/TCLP
TOTAL METALS

F. DOES THE WASTE CONTAIN:

Sulfides	Yes	No X
Cyanides	Yes	No X
PCB's	Yes	No X
Phenolics	Yes	No X
**Dioxin	Yes	No X
**Listed Solvent	Yes	No X
***Halogenated Organic Compounds 1000 Mg/L	Yes	No X
Insecticides, pesticides, herbicides, or rodenticides	Yes	No X

IV. **PHY. STATE @ 25 C (CIRCLE):** (SOLID) LIQUID, SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? NO — POURED? NO
- % FREE FLOWING LIQUID LAYER 0 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER — ESTIMATED SPECIFIC GRAVITY

V. **SHIPPING CONTAINERS**
BULK — MC Code:
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17/H	500 LBS.	NONE
OTHER				

VI. **PROPERTIES**

FLASH POINT		(Closed Cup)	Btu/lb.	N/A	CORROSIVE	NO	OSHA CARCINOGEN NO
COLOR	DIRT		pH	N/A	ODOR (YES/NO)		SLIGHT
REACTIVE	NO						
TOXIC	NO						
PYROPHORIC	NO				RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO	
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION NONE
D.O.T. HAZARD CLASSIFICATION NONE — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD NONE — D.O.T. LABEL NONE — U.N. NO. ____ — N.A. NO. ____

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST 2 PER SHIPMENT 2

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
OIL AND DIRT IS FROM A SPILL CLEAN-UP.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY

REVIEWED BY
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WRE-1
EPA CODE — STATE CODE X-900

II. **NAME OF WASTE** SCRAP LATEX SOLUTION

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	LATEX		70	40		
2	WATER		30	60		
3	PIGMENT		10	0		
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0		
Cd	0	Cl*	0	CN	0		
Cr	0	Cu	0	F*	0		
Hg	0	I*	0	N*	0		
Ni	0	P*	0	Pb	0		
S*	0	Se	0	Zn	0		
CR+6		Tl					
Other							

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes		No	X
***Halogenated Organic Compounds 1000 Mg/L				
	Yes		No	X
Insecticides,pesticides,herbicides, or rodenticides				
	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER — ESTIMATED SPECIFIC GRAVITY 0.90

V. **SHIPPING CONTAINERS**
BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17E	450 LBS.	NONE
55 GAL.	POLYETHYLENE	34	450 LBS.	NONE
OTHER				
85 GAL.	STEEL	OVERPAK	500 LBS.	NONE

VI. **PROPERTIES**

FLASH POINT	0 F	(Closed Cup)	Btu/lb.	0	CORROSIVE	NO	OSHA CARCINOGEN NO
COLOR	GRAY/WHITE		pH	5-8	ODOR (YES/NO)		
REACTIVE	NO						
TOXIC	NO						
PYROPHORIC	NO				RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO	
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION NONE NON-HAZARDOUS/NON-REGULATED MATERIAL
D.O.T. HAZARD CLASSIFICATION NONE — EPA HAZ. SUBST. ____ Y ____ N ____ RQ
D.O.T. PLACARD NO — D.O.T. LABEL NO — U.N. NO. ____ — N.A. NO. ____

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
SECTION J: WASTE CHEMICAL PROCESS LIQUID N.O.S. (L)
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY O. FERNANDEZ, JR./F. RICHITTI

REVIEWED BY
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE L5034 OWI7235
EPA I.D. # NJD002444024 — DU PONT CODE WRE-4
EPA CODE F002 F003 (T)(I) — STATE CODE

II. **NAME OF WASTE** MIXED ORGANIC SOLVENTS

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	METHYLENE CHLORIDE		70	50	200 ppm	500 ppm
2	ALCOHOLS: METHANOL, ETHANOL, PROPANOL, BUTANOL		15	10	200 ppm	200 ppm
3	ACETONE		15	10	750 ppm	1000 ppm
4	WATER		10	10		
5	POLYMERS		10	10		

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0		
Cd	0	Cl*	0	CN	0		
Cr	0	Cu	0	F*	0		
Hg	0	I*	0	N*	0		
Ni	0	P*	0	Pb	0		
S*	0	Se	0	Zn	0		
CR+6		Tl					
Other							

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes	X	No	
***Halogenated Organic Compounds 1000 Mg/L	Yes	X	No	
Insecticides,pesticides,herbicides, or rodenticides	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, LIQUID, (SLUDGE), (LIQUID/SOLID PHASES), GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER ____ (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 0.80

V. **SHIPPING CONTAINERS**

BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17 E	400 LBS.	HAZARDOUS
55 GAL.	STEEL	17 H	400 LBS.	HAZARDOUS
OTHER				
85 GAL.	STEEL	OVERPAK	500 LBS.	HAZARDOUS

VI. **PROPERTIES**

FLASH POINT	32 F	(Closed Cup)	Btu/lb.	10,000	CORROSIVE	NO	OSHA CARCINOGEN NO
COLOR	VARIOUS		pH	7	ODOR (YES/NO)	NO	
REACTIVE	NO						
TOXIC	YES						
PYROPHORIC	NO				RADIOACTIVE	NO	
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO	
OTHER	EYE/SKIN IRRITANT						

VII. D.O.T. SHIPPING DESCRIPTION: WASTE FLAMMABLE LIQUID, N.O.S.
D.O.T. HAZARD CLASSIFICATION: FLAMMABLE LIQUID — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD YES — D.O.T. LABEL FLAMMABLE — U.N. NO. 1993 — N.A. NO. ____

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
CONTAINS: METHYLENE CHLORIDE, ALCOHOLS, ACETONE
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY O. FERNANDEZ, JR./F. RICHITTI

REVIEWED BY
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WRE-7
EPA CODE F002 (TXL) — STATE CODE C440

II. **NAME OF WASTE** WASTE SOLVENT INHIBITED

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	1,1,1-TRICHLOROETHANE (METHYLCHLOROFORM)		98		350 ppm	350 ppm
2	DIOXANE (INHIBITOR)		3	0	25 ppm	100 ppm
3						
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0		
Cd	0	Cl*	0	CN	0		
Cr	0	Cu	0	F*	0		
Hg	0	I*	0	N*	0		
Ni	0	P*	0	Pb	0		
S*	0	Se	0	Zn	0		
CR+6		Tl					
Other							

Indicate test method: EPTOX/TCLP
TOTAL METALS

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes		No	X
***Halogenated Organic Compounds 1000 Mg/L	Yes	X	No	
Insecticides, pesticides, herbicides, or rodenticides	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, (LIQUID), SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 1.20

V. **SHIPPING CONTAINERS**

BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17 E	450 LBS.	HAZARDOUS
OTHER 85 GAL.	STEEL	OVERPAK	550 LBS.	HAZARDOUS

VI. **PROPERTIES**

FLASH POINT	70 F	(Closed Cup)	Btu/lb.	3,788	CORROSIVE		OSHA CARCINOGEN	
COLOR	COLORLESS		pH	7.1	ODOR (YES/NO)	YES		
REACTIVE	NO							
TOXIC	YES (SKIN & EYE)							
PYROPHORIC	NO				RADIOACTIVE	NO		
SHOCK SENSITIV	NO	EXPLOSIVE	NO		ETIOLOGICAL	NO		
OTHER								

VII. D.O.T. SHIPPING DESCRIPTION: WASTE 1,1,1-TRICHLOROETHANE
D.O.T. HAZARD CLASSIFICATION: ORM-A — EPA HAZ. SUBST. ____ Y ____ N ____ RQ
D.O.T. PLACARD ____ D.O.T. LABEL ____ U.N. NO. 2831 N.A. NO. ____

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
(RQ) WILL BE USED WHEN SHIPPING IN BULK FORM (TANKER).
CARE SHOULD BE TAKEN TO ASSURE COMPLETE COMBUSTION TO PREVENT THE FORMATION OF PHOSGENE.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY O. FERNANDEZ, JR./F. RICHITTI

REVIEWED BY
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. LOCATION PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE L10563/X10550
EPA I.D. # NJD002444024 — DU PONT CODE WRE-9
EPA CODE N/A — STATE CODE X-910

II. NAME OF WASTE PIGMENTED CELLULOSE ACETATE

III. COMPOSITION

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	CELLULOSE ACETATE	76	80	50		
2	PIGMENTS	12	10	0		
3	SURFACTANT	8	10	0		
4	SILICONE OIL	4	15	0		
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0	CR+6	
Cd	0	Cl*	200	CN	0	Other	
Cr	0	Cu	20	F*	0	Indicate test method:	EPTOX/TCLP
Hg	0	I*	0	N*	200		TOTAL METALS
Ni	0	P*	0	Pb	0		
S*	200	Se	0	Zn	0		
		Tl					

F. DOES THE WASTE CONTAIN:

Sulfides	Yes X	No		
Cyanides	Yes	No	X	
PCB's	Yes	No	X	
Phenolics	Yes	No	X	
**Dioxin	Yes	No	X	
**Listed Solvent	Yes	No	X	
***Halogenated Organic Compounds 1000 Mg/L	Yes	No	X	
Insecticides, pesticides, herbicides, or rodenticides	Yes	No	X	

IV. PHY. STATE @ 25 C (CIRCLE): (SOLID) LIQUID, SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? YES
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? NO — POURED? NO
- % FREE FLOWING LIQUID LAYER 0 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 0 — ESTIMATED SPECIFIC GRAVITY 1.29

V. SHIPPING CONTAINERS

BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
30 GAL.	FIBER	21C	150 LBS.	NONE
OTHER				
55 GAL.	STEEL	17H OVERPAK	200 LBS.	NONE

VI. PROPERTIES

FLASH POINT	(Closed Cup)	Btu/lb.	10,206	CORROSIVE	NO	OSHA CARCINOGEN	NO
COLOR	VARIOUS	pH	6	ODOR (YES/NO)	NO		
REACTIVE	NO						
TOXIC	NO						
PYROPHORIC	NO			RADIOACTIVE	NO		
SHOCK SENSITIV	NO	EXPLOSIVE	NO	ETIOLOGICAL	NO		
OTHER							

VII. D.O.T. SHIPPING DESCRIPTION NONE NON-REGULATED/NON-HAZARDOUS MATERIAL
D.O.T. HAZARD CLASSIFICATION NONE — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD ____ D.O.T. LABEL ____ U.N. NO. ____ N.A. NO. ____

VIII. VOLUME
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)
MAY HAVE PLASTIC BAGS AND PLASIC OR GLASS BOTTLES.
SECTION J: WASTE CHEMICAL PROCESS SOLID, N.O.S. (S)
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY O. FERNANDEZ, JR. / F. RICHITTI

REVIEWED BY
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE OWI7237
EPA I.D. # NJD002444024 — DU PONT CODE WRE-11
EPA CODE F002 (TXL) — STATE CODE

II. **NAME OF WASTE** POLYMER COATING WASTE

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	WATER		80	75		
2	METHYLENE CHLORIDE		15	5	200 ppm	200 ppm
3	PHOTOPOLYMER SOLIDS		5	0		
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0		
Cd	0	Cl*	0	CN	0		
Cr	0	Cu	0	F*	0		
Hg	0	I*	0	N*	0		
Ni	0	P*	0	Pb	0		
S*	0	Se	0	Zn	0		
CR+6		Tl					

Other
Indicate test method: EPTOX/TCLP
TOTAL METALS

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes	X	No	
***Halogenated Organic Compounds 1000 Mg/L				
	Yes	X	No	
Insecticides, pesticides, herbicides, or rodenticides				
	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, LIQUID, SLUDGE, (LIQUID/SOLID PHASES), GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? YES — VOL% OF EACH PHASE 5 % SOLID 95 % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 95 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 90 — ESTIMATED SPECIFIC GRAVITY 1.00

V. **SHIPPING CONTAINERS**

BULK — MC Code:
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	STEEL	17 E	400 LBS.	HAZARDOUS
55 GAL.	STEEL	17 H	400 LBS.	HAZARDOUS
OTHER				
85 GAL.	STEEL	OVERPAK	500 LBS.	HAZARDOUS

VI. **PROPERTIES**

FLASH POINT	(Closed Cup)	Btu/lb.	CORROSIVE	NO	OSHA CARCINOGEN NO
COLOR	VARIABLE	pH 8	ODOR (YES/NO)	NO	
REACTIVE	NO				
TOXIC	YES				
PYROPHORIC	NO	RADIOACTIVE	NO		
SHOCK SENSITIV	NO	EXPLOSIVE NO	ETIOLOGICAL	NO	
OTHER					

VII. D.O.T. SHIPPING DESCRIPTION: WASTE METHYLENE CHLORIDE SOLUTION
D.O.T. HAZARD CLASSIFICATION: ORM-A — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD ____ D.O.T. LABEL ____ U.N. NO. 1593 N.A. NO. ____

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
LIQUIDS WILL VARY IN COLOR DUE TO VARIOUS TONERS: YELLOW, MAGENTA, CYAN, BLACK, USED IN EXPERIMENTS.
SECTION J: SEE ATTACHED WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES. F002 (L)(T)

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY O. FERNANDEZ, JR. / F. RICHITTI

REVIEWED BY
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF)

DATE 3/12/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE WIL-Y10949
EPA I.D. # NJD002444024 — DU PONT CODE WRE-12
EPA CODE F007 (R) (T)(L) — STATE CODE

II. **NAME OF WASTE** COPPER PLATING SOLUTION

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	WATER	96	98	96		
2	ETHYDENEDRAMINE TRTRA 2 PROPANOL	1.33	1.4	0.7		
3	COPPER SULFATE	1.05	1.2	0.6	0.2 mg/m3	
4	SODIUM HYDROXIDE	0.82	1	0.5	2 mg/m3	2 mg/m3
5	FORMALDEHYDE	31	0.4	0.2	2 ppm	3 ppm

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0	Sulfides	Yes	X	No
Cd	0	Cl*	0	CN	30	Cyanides	Yes	X	No
Cr	0	Cu		F*	0	PCB's	Yes		No X
Hg	0	I*	0	N*	100	Phenolics	Yes		No X
Ni	0	P*	10	Pb	0	**Dioxin	Yes		No X
S*	0	Se	0	Zn	0	**Listed Solvent	Yes	X	No
CR+6		Tl				***Halogenated Organic Compounds 1000 Mg/L			
Other							Yes	X	No
Indicate test method:		EPTOX/TCLP				Insecticides,pesticides,herbicides, or rodenticides			
		TOTAL METALS					Yes		No X

IV. **PHY. STATE @ 25 C (CIRCLE):** SOLID, (LIQUID), SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? YES — VOL% OF EACH PHASE 0.3 % SOLID 99.7 % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER — ESTIMATED SPECIFIC GRAVITY 1.08

V. **SHIPPING CONTAINERS**

BULK — MC Code:
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	POLYPROPYLENE	34	500 LBS.	HAZARDOUS
OTHER				
85 GAL.	STEEL	OVERPAK	600 LBS.	HAZARDOUS

VI. **PROPERTIES**

FLASH POINT	(Closed Cup)	Btu/lb. N/A	CORROSIVE YES	OSHA CARCINOGEN	
COLOR	BLUE/VARIOUS	pH 12.5	ODOR (YES/NO)	NO	
REACTIVE	YES, ACID CONTACT LIBERATES HYDROCYAN GAS				
TOXIC	YES, CYANIDE				
PYROPHORIC	NO		RADIOACTIVE NO		
SHOCK SENSITIV	NO	EXPLOSIVE NO	ETIOLOGICAL NO		
OTHER					

VII. D.O.T. SHIPPING DESCRIPTION HAZARDOUS WASTE LIQUID, POISON, N.O.S.
D.O.T. HAZARD CLASSIFICATION ORM-E (CORROSIVE, POISON B) EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD YES D.O.T. LABEL POISON, COR. U.N. NO. 1689 N.A. NO.

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)**
SMALL AMOUNTS OF SOLID COPPER.
CONTAINS WATER, COPPER SULFATE, SODIUM HYDROXIDE, FORMALDEHYDE, SODIUM CYANIDE.
SECTION J: SEE WASTE CHARACTERIZATION FORM FOR CHEMICAL COMPOSITION AND PERCENTAGES.

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY O. FERNANDEZ, JR. (RESEARCH AND DEVELOPMENT)

REVIEWED BY
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF)

DATE 4/25/88

I. LOCATION PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WRE-14
EPA CODE — STATE CODE

II. NAME OF WASTE ETCHING SOLUTION

III. COMPOSITION

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	WATER		70	50		
2	FERRIC CHLORIDE		50	30		
3	COPPER		2	0.5		
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Be	0	Sulfides	
Cd	0	Cl*	0	CN	0	Cyanides	
Cr	0	Cu		F*	0	PCB's	
Hg	0	I*	0	N*	0	Phenolics	
Ni		P*	0	Pb	0	**Dioxin	
S*	0	Se	0	Zn	0	**Listed Solvent	
CR+6		Tl				***Halogenated Organic Compounds 1000 Mg/L	
Other							

F. DOES THE WASTE CONTAIN:

Sulfides	Yes	No X
Cyanides	Yes	No X
PCB's	Yes	No X
Phenolics	Yes	No X
**Dioxin	Yes	No X
**Listed Solvent	Yes	No X
***Halogenated Organic Compounds 1000 Mg/L		
	Yes	No X
Insecticides,pesticides,herbicides, or rodenticides		
	Yes	No X

Indicate test method: EPTOX/TCLP — TOTAL METALS

IV. PHY. STATE @ 25 C (CIRCLE): SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER — ESTIMATED SPECIFIC GRAVITY 1.42

V. SHIPPING CONTAINERS

BULK — MC Code:
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	POLYPROPYLENE	34 E	500 LBS.	HAZARDOUS
OTHER				
85 GAL.	STEEL	OVERPAK	600 LBS.	HAZARDOUS

VI. PROPERTIES

FLASH POINT	(Closed Cup)	Btu/lb. 0	CORROSIVE YES	OSHA CARCINOGEN	
COLOR	BROWN/AMBER	pH <2	ODOR (YES/NO)	NO	
REACTIVE	NO				
TOXIC	NO				
PYROPHORIC	NO		RADIOACTIVE NO		
SHOCK SENSITIV	NO	EXPLOSIVE NO	ETIOLOGICAL NO		
OTHER					

VII. D.O.T. SHIPPING DESCRIPTION HAZARDOUS WASTE LIQUID, CORROSIVE, N.O.S.
D.O.T. HAZARD CLASSIFICATION CORROSIVE LIQUID — EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD YES — D.O.T. LABEL CORROSIVE — U.N. NO. 2582 — N.A. NO.

VIII. VOLUME
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY F. RICHETTI

REVIEWED BY
DATE REVIEWED

WASTE CHARACTERIZATION FORM (WCF)

DATE 4/25/88

I. **LOCATION** PARLIN IMAGING SYSTEMS — CONTRACTOR'S CODE
EPA I.D. # NJD002444024 — DU PONT CODE WRE-15
EPA CODE — STATE CODE

II. **NAME OF WASTE** ACID PLATING SOLUTION

III. **COMPOSITION**

	A. MAJOR COMPONENTS	C. ONE TIME OR TYPICAL ANALYSIS	D. CONCENTRATION RANGE UPPER	D. CONCENTRATION RANGE LOWER	E. EXPOSURE LIMITS +ACGIH	E. EXPOSURE LIMITS ++OSHA
1	WATER	82.7	90	70		
2	SULFURIC ACID	12	15	7	1 mg/m3	1 mg/m3
3	COPPER SULFATE	5.3	10	2		
4						
5						

B. TRACE COMPONENTS NOT LISTED ABOVE (PPM)

Ag	0	As	0	Ba	0		
Cd	0	Cl*	0	CN	0		
Cr	0	Cu		F*	0		
Hg	0	I*	0	N*	0		
Ni	0	P*	0	Pb	0		
S*	0	Se	0	Zn	0		
CR+6		Tl					
Other							

Indicate test method: EPTOX/TCLP ____ TOTAL METALS ____

F. DOES THE WASTE CONTAIN:

Sulfides	Yes		No	X
Cyanides	Yes		No	X
PCB's	Yes		No	X
Phenolics	Yes		No	X
**Dioxin	Yes		No	X
**Listed Solvent	Yes		No	X
***Halogenated Organic Compounds 1000 Mg/L	Yes		No	X
Insecticides,pesticides,herbicides, or rodenticides	Yes		No	X

IV. **PHY. STATE @ 25 C (CIRCLE): SOLID, (LIQUID) SLUDGE, LIQUID/SOLID PHASES, GAS**
OTHER

- IS THERE A DUSTING HAZARD IF CONTAINERS OPENED? NO
- MULTIPLE PHASES? NO — VOL% OF EACH PHASE ____ % SOLID ____ % LIQUID
- CAN THE WASTE BE PUMPED? YES — POURED? YES
- % FREE FLOWING LIQUID LAYER 100 (VOLUME %)
- PRESSURE OF CONTAINER 0 PSIG
- % SEPARATE PHASE WATER 100 — ESTIMATED SPECIFIC GRAVITY 1.30

V. **SHIPPING CONTAINERS**
BULK ____ MC Code: ____
NON-BULK

DRUMS SIZE	MATERIALS OF CONSTR.	DOT SPEC.	APPROX. WEIGHT PER CONTAINER	CONTAINER LABEL USED
55 GAL.	POLYPROPYLENE	34E	500 LBS.	HAZARDOUS
OTHER				
85 GAL.	STEEL	OVERPAK	600 LBS.	HAZARDOUS

VI. **PROPERTIES**

FLASH POINT	(Closed Cup)	Btu/lb.	0	CORROSIVE YES	OSHA CARCINOGEN
COLOR	BLUE	pH	2	ODOR (YES/NO)	NO
REACTIVE	NO				
TOXIC	NO				
PYROPHORIC	NO			RADIOACTIVE	NO
SHOCK SENSITIV	NO	EXPLOSIVE	NO	ETIOLOGICAL	NO
OTHER					

VII. D.O.T. SHIPPING DESCRIPTION HAZARDOUS WASTE LIQUID, CORROSIVE, N.O.S.
D.O.T. HAZARD CLASSIFICATION CORROSIVE LIQU. EPA HAZ. SUBST. ____Y ____N ____RQ
D.O.T. PLACARD YES D.O.T. LABEL CORROSIVE U.N. NO. 1760 N.A. NO. ____

VIII. **VOLUME**
ANNUAL ____ THIS REQUEST ____ PER SHIPMENT ____

IX. **REMARKS (TREATMENT OF SPILLS/SAFETY SUGGESTIONS/MSDS)** ____

*Organically bound
**As defined in 40 CFR 261.31
***Per 40 CFR 261.3 and 40 CFR 268 App.III

PREPARED BY F. RICHETTI

REVIEWED BY
DATE REVIEWED

ATTACHMENT I

Parlin

Drums that have contained toxic materials and are reconditioned.

Code	S	Name	#/Month	Decont. Proc. Attached
G-201	3	Ethyl Silicate	50	
G-697	3	Phosphoric Acid	5	
G-744	6	Acrylonitrile	15	X
G-765	6	Acrylic Acid		X
G-1163	5	Desmodur, N (isocyanate)	12	X
G-1224	6	Methacrylic Acid	20	X
G-4981	5	Dowthern A	4	
H-25	2	Diethyl Glycol Monomethylether	10	
H-204	5	Dioxane	10	
H-348	3	Dimethylaminoethyl Phenol	1	
H-443	3	T-Butylaminoethyl Methaerylate	2	X
H-501	6	Hydroxyethyl Acrylate	75	X
H-552	3	Niax-99	1	
H-554	3	N,N Dimethyldodecylamine	1	
H-558	5	Allyl Methacrylate	10	X
H-606	6	Propylene Oxide	1	
H-614	5	Cumene Hydroperoxide	1	X
H-616	5	N,N Dimethyl Ethanolamine	4	
H-640	5	Ditertiary Butyl Peroxide	21	X
H-669	5	Triethyl Amine	1	
H-710	5	Styrene	150	
			394/month	

ACRYLONITRILE

Drum Decontamination Procedure - For Empty Drums (residuals $\leq$1/2 gal)

Rinse drum (Contact all sides, roll drum etc) with 5% soap solution containing bleach (chlorox, calcium hypochlorite solution). Let stand for 24 hours in ventilated area with loose bung. Rinse with water, dispose down ~~sanitary~~ sewer. Never add bleach or hypochlorite solution directly to dry drum.

G-765 Acrylic Acid

G-1224 Methacylic Acid

1. Rinse drum with 5 - 7% solution of caustic water. (Sodium Hydroxide, caustic flake) Rinse with water. Dispose of properly, or

2. Rinse with solvent - incinerate rinse.

H-443 T-Butylaminoethyl Methacylate

H-501 Hydroxyethyl Acrylate

H-558 Allyl Methacrylate

1. Rinse drum with batch solvent; return to batch.
2. Rinse drum with solvent and incinerate rinse.

G-1163 Desmodur N (isocyanate)

Kill Solution

Ammonia	H-284	10% by weight
Isopropanol	H-69	20% by weight
Water	H-506	70% by weight
		100%

Use 2 1/2 lbs of kill solution per pound of isocyanate. CO_2 gas is evolved plus heat. Add solution slowly to drum while mixing. Let sit in ventilated area with bung off for 48 hours. Reaction products are urethanes, urea and CO_2. Dispose of rinse properly.

H-614 Cumene Hydro Peroxide

H-640 Ditertiary Butyl Peroxide

Rinse drums with mineral spirits (H-457) and incinerate rinse. Mark drum containing rinse hazardous waste NOS (Minerial spirits contaminated with peroxide).