Please print or type with ELITE type (12 characters/inch) in the unshaded areas only

GSA No. 0246-EPA-01

EPA — U.S. ENVIRONMENTAL PROTECTION AGENCY
NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

INSTALLATION'S EPA I.D. NO.

I. NAME OF INSTALLATION

II. INSTALLATION MAILING ADDRESS

III. LOCATION OF INSTALLATION

PLEASE PLACE LABEL IN THIS SPACE

INSTRUCTIONS: If you received a preprinted label, affix it in the space at left. If any of the information on the label is incorrect, draw a line through it and supply the correct information in the appropriate section below. If the label is complete and correct, leave Items I, II, and III below blank. If you did not receive a preprinted label, complete all items. "Installation" means a single site where hazardous waste is generated, treated, stored and/or disposed of, or a transporter's principal place of business. Please refer to the INSTRUCTIONS FOR FILING NOTIFICATION before completing this form. The information requested herein is required by law *(Section 3010 of the Resource Conservation and Recovery Act).*

DETACH

FOR OFFICIAL USE ONLY

COMMENTS: C

INSTALLATION'S EPA I.D. NUMBER	APPROVED	DATE RECEIVED (yr., mo., & day)
1 NYD980789606 1		

I. NAME OF INSTALLATION

JTJ CLEANERS

II. INSTALLATION MAILING ADDRESS

STREET OR P.O. BOX: 3 1533 86TH STREET

CITY OR TOWN: 4 BROOKLYN — ST.: NY — ZIP CODE: 11228

III. LOCATION OF INSTALLATION

STREET OR ROUTE NUMBER: 5 SAME

CITY OR TOWN: 6 SAME — ST. — ZIP CODE

KUNG 047

IV. INSTALLATION CONTACT

NAME AND TITLE *(last, first, & job title)*: 7 ANTHONY CAMPISI

PHONE NO. *(area code & no.)*: 718 837 1393

V. OWNERSHIP

A. NAME OF INSTALLATION'S LEGAL OWNER: 8 ANTHONY CAMPISI

B. TYPE OF OWNERSHIP *(enter the appropriate letter into box)*: F = FEDERAL; M = NON FEDERAL — M

VI. TYPE OF HAZARDOUS WASTE ACTIVITY *(enter "X" in the appropriate box(es))*

- [X] A. GENERATION
- [ ] B. TRANSPORTATION *(complete Item VII)*
- [ ] C. TREAT/STORE/DISPOSE
- [ ] D. UNDERGROUND INJECTION

VII. MODE OF TRANSPORTATION *(transporters only — enter "X" in the appropriate box(es))*

- [ ] A. AIR
- [ ] B. RAIL
- [ ] C. HIGHWAY
- [ ] D. WATER
- [ ] E. OTHER *(specify)*:

VIII. FIRST OR SUBSEQUENT NOTIFICATION

Mark "X" in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your Installation's EPA I.D. Number in the space provided below.

- [X] A. FIRST NOTIFICATION
- [ ] B. SUBSEQUENT NOTIFICATION *(complete Item C)*

C. INSTALLATION'S EPA I.D. NO.

IX. DESCRIPTION OF HAZARDOUS WASTES

Please go to the reverse of this form and provide the requested information.

CONTINUE ON REVERSE

I.D. – FOR OFFICIAL USE ONLY

W

IX. DESCRIPTION OF HAZARDOUS WASTES *(continued from front)*

A. HAZARDOUS WASTES FROM NON–SPECIFIC SOURCES. Enter the four–digit number from 40 CFR Part 261.31 for each listed hazardous waste from non–specific sources your installation handles. Use additional sheets if necessary.

1 F002	2	3	4	5	6
7	8	9	10	11	12

B. HAZARDOUS WASTES FROM SPECIFIC SOURCES. Enter the four–digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific industrial sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

C. COMMERCIAL CHEMICAL PRODUCT HAZARDOUS WASTES. Enter the four–digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48

D. LISTED INFECTIOUS WASTES. Enter the four–digit number from 40 CFR Part 261.34 for each listed hazardous waste from hospitals, veterinary hospitals, medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54

E. CHARACTERISTICS OF NON LISTED HAZARDOUS WASTES. Mark "X" in the boxes corresponding to the characteristics of non listed hazardous wastes your installation handles. *(See 40 CFR Parts 261.21 – 261.24.)*

☐ 1. IGNITABLE [D001] ☐ 2. CORROSIVE [D002] ☐ 3. REACTIVE [D003] ☐ 4. TOXIC [D000]

X. 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.

SIGNATURE	NAME & OFFICIAL TITLE *(type or print)*	DATE SIGNED
Anthony J Carpi Jr	Anthony J Carpi Jr Vice President	3/1/85

DETACH

EPA HWCB

RCRIS NOTIFICATION DATA DISCREPANCY FORM

Information from RCRIS	New Information (make change to "E" record only)
Facility Name: STS CLEANERS	Facility Name:
Facility EPA ID Number: NYD 980 789 606	Facility EPA ID Number:
Facility Address:	Facility Address:
City: St: Zip:	City: St: Zip:
Mailing Address:	Mailing Address:
City: St: Zip:	City: St: Zip:
Facility Contact: Phone: - -	Facility Contact: Phone: - -
Owner/Operator:	Owner/Operator:
SIC Code(s):	SIC Code(s):
Waste Codes:	Waste Codes:
Generator Status (LQG/SQG)	Generator Status (LQG/SQG)
Other:	Other:

In response to this request, please modify RCRIS Handler Notification Data for the following:

General Generator Information:

	Facility Name		EPA ID Number
	Facility Address		Mailing Address
	Facility Contact		Phone
	SIC Code(s)		Waste Code(s)
	Other		

Contact: John Gorman Phone: 8-26[illegible]

Effective Date of Change: 12/15/93

Add/Change Generator Status Codes:

C	#	
✓	1	Conditionally exempt Small Quantity Generator
	2	Definitionally Excluded Waste
	3	Delisted Wastes
	4	One-time Hazardous Waste Generator
	5	Periodic Hazardous Waste Generator

C	#	
	6	No longer Generating HW; Still in Business
	7	No longer Generating HW, Out of Business
	8	Never Generated Hazardous Waste
	9	ID Number to Transport Non Hazardous Waste
	1	Illegal def Under Another ID
	0	Numbers (list below)

John Gorman, Chief, HYCS

7/30/94 Date

Gen = 1/1R1-9

FOIA Report of Non-Sensitive Compliance Monitoring and Enforcement Data

Report run on: July 18, 2014 - 12:35 PM

Version 5.0

User Selection Criteria

Location:	New York, all activities	**Activity Location:**	None Chosen
Handler ID:	NYD980789606	**Group of IDs:**	None Chosen
Handler Name:			
Handler Universe:	All Facilities Regardless of Universe		
Determined Date Range:	From: 10/01/1980 To: 07/18/2014		
Location County Code:	None Chosen	**Evaluation Type:**	
Location City:		**Focus Area:**	
Location Zip Code:		**Violation Type:**	
State District:	None Chosen	**Display Code Descrip.:**	Yes
Sort Order:	Region, State, Handler Name	**Display Universes:**	Yes

Results

Data meeting the criteria you selected follows.

Total Pages:4 Total Handlers:1

Report Description

This report presents available information from the Resource Conservation and Recovery Act Information System (RCRAInfo) about compliance evaluations, violations, and enforcement actions meeting the criteria supplied by the user. Evaluations showing no violations does not always indicate that no violations were determined. Violation without enforcement actions does not always mean no enforcement action will be issued. In order to avoid releasing enforcement sensitive information to the public the following information is not shown on the report: pending civil / judicial referrals, criminal actions and referrals, and State to EPA referrals; all other enforcement actions are released.

Report Information

Name:	cme_foia.rdf
Developed by:	EPA Headquarters, Office of Enforcement and Compliance Assurance
Deployed:	June 2006
Last Updated:	May 2012
Contact:	rcrainfo.help@epa.gov
Tables Used:	cmecomp3, ccitation3, hreport_univ5, lu_citation, lu_state, hid_groups
Libraries:	none

FOIA Report of Non-Sensitive Compliance Monitoring and Enforcement Data

Report run on: July 18, 2014 - 12:35 PM

J T J CLEANERS County Name / Code: KINGS / NY047 **NYD980789606**

Location 1533 86TH ST, BROOKLYN, NY 11228 **REGION 02**

Mailing: 1533 86TH ST, BROOKLYN, NY 11228

Activity Location: NY State District: NYSDEC R2 Accessibility: Non-Notifier: Extract Flag: Y Active Site: Y

Generator: CEG Transporter: N Operating TSDF: --- IC In Place: N EI Indicator (HE / GW)N / N
Short-Term Gen: N Transfer Facility: N Offsite Receiver: N HSM: N Subpart K: ---
Full Enforcement: ----- Converter: ----- State Unaddressed SNC: N EPA Unaddressed SNC: N
CA Wrkld: N State TSDF: --- State Addressed SNC: N EPA Addressed SNC: N
Active State Gen: N State SNC w/Comp Schd: N EPA SNC w/Comp Schd: N

Evaluations With No Violations:

CEI Evaluation 12/15/1993 Activity Location: **NY** By: EPA Contractor Identifier: 000 Person: **R2TRC** Branch: RCB Found Violation: NO
Citizen Complaint: NO Multimedia Inspection: NO Sampling: NO Not Subtitle C: NO Day Zero: Focus Area:

Total Number of Handlers: 1
Total Number of Activity Locations: 1

*** End of Report ***

* Note: Penalty amount may not reflect all violations cited.

Description of codes used on the report:

Universes	Description of Universes
Generator	Indicates that the facility is a Large Quantity Generator (LQG), Small Quantity Generator (SQG), Conditionally Exempt Small Quantity Generator (CEG), or not a generator (N).
Transporter	Indicates that the facility Transports waste subject to RCRA regulations. ('Y' indicates that the facility is in this universe).
Operating TSDF	Indicates that the facility is a Treatment, Storage or Disposal facility subject to any type of enforcement. It then specifies the type of facility (L - Land Disposal; I - Incinerator; B - BIF; S - Storage; T - Treatment)
IC in Place	Indicates that the facility has Institutional Controls in place. ('Y' indicates that the facility is in this universe).
EI Indicator (HE / GW)	Indicates that the facility has controls in place for Environmental Indicators. HE - Human Exposures ('+' indicates the exposure exists and is under control; '-' indicates the exposure exists and is not under control; 'N' indicates the exposure does not exist) GW - Groundwater Release ('+' indicates the exposure exists and is under control; '-' indicates the exposure exists and is not under control; 'N' indicates the exposure does not exist)
Short-Term Gen	Indicates that the facility is a short term or one time event generator and not generating from ongoing processes.
Transfer Facility	Indicates that the facility transfers hazardous waste.
Offsite Receiver	Indicates that the facility, whether public or private, currently accepts hazardous waste from another site (site identified by a different EPA ID).
HSM	Indicates that the facility manages hazardous secondary material(s) (e.g. spent material, by-product or sludge) that when discarded, would be identified as hazardous waste
Subpart K	Indicates that the facility has opted into the subpart K laboratory rule. It then specifies the type of facility (C - College or University; H - Teaching Hospital; N - Non-profit Research Institute; W - withdrawal from the rule)
Full Enforcement	Indicates that the facility is a Treatment, Storage or Disposal facility which is part of the Full Enforcement universe. It then specifies the type of facility (L - Land Disposal; I - Incinerator; B - BIF; S - Storage; T - Treatment)
CA Workload	Indicates that the facility is part of the Corrective Action Workload universe. ('Y' indicates that the facility is in this universe)
Active State Gen	Indicates that the facility is an Active State Generator. ('Y' indicates that the facility is in this universe).
Converter	Indicates that the facility is a Converter Treatment, Storage or Disposal facility. It then specifies the type of facility (L - Land Disposal; I - Incinerator; B - BIF; S - Storage; T - Treatment)
State TSDF	Indicates that the facility is a State Treatment, Storage or Disposal facility. It then specifies the type of facility (L - Land Disposal; I - Incinerator; B - BIF; S - Storage; T - Treatment)
State Unaddressed SNC	Indicates that the facility is a State Unaddressed Significant Non-Complier. ('Y' indicates that the facility is in this universe).
State Addressed SNC	Indicates that the facility is a State Addressed Significant Non-Complier. ('Y' indicates that the facility is in this universe).
State SNC w/ Compl. Sched	Indicates that the facility is a State Significant Non-Complier with a Compliance Schedule. ('Y' indicates that the facility is in this universe).
EPA Unaddressed SNC	Indicates that the facility is an EPA Unaddressed Significant Non-Complier. ('Y' indicates that the facility is in this universe).
EPA Addressed SNC	Indicates that the facility is an EPA Addressed Significant Non-Complier. ('Y' indicates that the facility is in this universe).
EPA SNC w/ Compl. Sched	Indicates that the facility is a EPA Significant Non-Complier with a Compliance Schedule. ('Y' indicates that the facility is in this universe)

* Note: Penalty amount may not reflect all violations cited.

Description of codes used on the report:

ACCESSIBILITY - indicates the reason why the handler is not accessible for normal RCRA tracking and processing (previously called Bankrupt Indicator):

Code	Description
B	indicates that the handler has filed for bankruptcy and bankruptcy litigation is in process.
C	indicates that all RCRA responsibilities for permitting/closure, corrective action, and compliance monitoring and enforcement at the facility have been formally transferred to the CERCLA program or state equivalent
F	indicates that all responsible parties (owners/operators) for the handler have fled the country or are otherwise not available for prosecution.
L	indicates that the handler's case is tied up in litigation to the extent that further progress in achieving RCRA compliance through normal enforcement is not possible.

NON-NOTIFIER - indicates that the handler has been identified through a source other than Notification and is suspected of conducting RCRA-regulated activities without proper authority:

Code	Description
E	indicates that the handler was initially a non-notifier, subsequently determined to be exempt from requirements to notify.
O	indicates that the handler is a former non-notifier.
X	indicates that the handler is a non-notifier.

Evaluation Type	Type Description
CEI	COMPLIANCE EVALUATION INSPECTION ON-SITE

* Note: Penalty amount may not reflect all violations cited.

INSPECTION FORM

LAND BASED TSDF
COMMERCIAL TSDF
OTHER TSDF
GENERATOR
OTHER

NEW YORK STATE INDUSTRIAL HAZARDOUS WASTE MANAGEMENT ACT
(Chapter 639, Laws of 1978)

Prepared for:

Commissioner
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Send to: Division of Hazardous Substances Regulation
Compliance Inspection Section
50 Wolf Road - Room 208
Albany, New York 12233-7252

EPA I.D. NUMBER: N Y D 0 5 0 3 3 2 4 4 4

COMPANY NAME (Corporate): BK Chevrolet

(Division): _____

COMPANY MAILING ADDRESS: 1575 86th Street

City & State Brooklyn, NY Zip Code 11228

COMPANY LOCATION ADDRESS: _____

(if different than mailing) _____

City & State _____, NY Zip Code _____

COMPANY TELEPHONE NUMBER: (718) 232-0200 Extension _____

FULL NAME OF COMPANY CONTACT: (MF) (Ms.) Boris Kotler

TITLE OF COMPANY CONTACT: President

INSPECTION DATE: 12/15/1993 TIME OF INSPECTION: 4:05 p.m. (a.m.) 6:00 (p.m.)

INSPECTOR'S NAME: S. Porter

TITLE: Project Manager

NAME: _____

TITLE: _____

REPORT PREPARED BY: S. Porter DATE: 12-15-93

REPORT APPROVED BY: _____ DATE: _____

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APPENDICES

(Need Not Attach If Not Required - Circle Attached Appendices)

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PART I

General Information and Classification of Facility

1. Identification of Hazardous Waste - 371 — Yes / No

A. Facility generates and/or stores hazardous waste on-site. X ___

(1) X Company filed a RCRA hazardous waste notification and/or Part A of RCRA permit application.

(2) X Company has used knowledge of the hazardous characteristic of the waste to determine if it is hazardous.

(3) ___ Testing has shown characteristics of:

(X) Ignitability (D001) - 371.3(b)
( ) Corrosivity (D002) - 371.3(c)
( ) Reactivity (D003) - 371.3(d)
(X) EP Toxicity (D004 - 017) - 371.3(e)

No testing has been done, but wastes have indicated characteristics

(4) X The material is listed in the regulations as a hazardous waste from non-specific sources (F-Waste). 371.4(b).

(5) ___ The waste is listed in the regulations as a hazardous waste from specific sources (K-Waste). 371.4(c).

(6) ___ The material is listed in the regulations as an acute hazardous waste (P-Waste). 371.4(d)(5).

(7) ___ The material or product is listed in the regulations as a discarded commercial chemical product, off-specification species or manufacturing chemical intermediate (U-Waste). 371.4(d)(6).

(8) ___ The material is listed in the regulations as a waste containing PCBs. 371.4(e).

B. Is there reason, other than those above, for you to believe that there is hazardous waste on site? (Explain) _____

3/92

C. The handler notified EPA as a:

Not sure but I estimate that it was small quantity generator

Has EPA or DEC officially modified the handlers status? If so, attach correspondence.

_____

_____

D. If the facility is a treatment, storage or disposal facility, have they:

___ Submitted a Part A application.

___ Should the Part A be modified by the Company? If so, explain.

_____

_____

_____

___ Been granted a Part B permit.*

___ Submitted a Part 373 permit application.

___ Been granted a Part 373 permit or operating under SAPA with a Part 360 permit.*

If so, when does it expire: _____

*Complete Appendix M - indicate compliance status with permit conditions.

2. Exemptions

A. Generator Exemptions

(1) ___ Not a regulated handler.

(2) ___ Samples collected for testing. 372.1(e)(5).

(3) ___ Residues of hazardous waste in empty containers. 372.1(e)(6).

(4) ___ A hazardous waste which is generated in a product or raw material storage tank, a product or raw material transport vehicle or vessel, a product or raw material pipeline, or in a manufacturing process unit or an associated non-waste treatment manufacturing unit is not

subject to regulation until it exits the unit in which it was generated, unless the unit is a surface impoundment, or unless the hazardous waste remains in the unit more than 90 days after the unit ceases to be operated for manufacturing, or for storage or transportation of product or raw materials. 372.1(e)(7).

B. TSD Exemptions

1. TSD exemptions

(a) ___ Recycling of Hazardous Wastes: 373-1.1(d)(1)(viii). Parts 373-2.2(c), 372.4(b), 372.4(d)(1) must be complied with (Storage of wastes prior to recycling is not exempt under this subparagraph.) In addition:

- This exemption does not apply to commercial facilities which recycle listed hazardous wastes or hazardous waste sludges received from off-site or burn these wastes for energy recovery;

- Commercial facilities that reclaim precious metals from hazardous wastes do qualify;

- This exemption does not apply to boiler and industrial furnaces that burn hazardous wastes for energy recovery if the waste stream has a heat value of less than 8,000 BTU/lb.

- Mobile or transportable commercial facilities which operate on the generator's site, if a containment area which meets the requirements of subdivision 373-2.9(f) is provided for the reclaiming facility and any associated temporary container holding or storage area.

(b) ___ The storage of the following hazardous wastes is exempt from permitting provided that Part 374 of this Title is complied with: 373-1.1(d)(1)(vii).

- hazardous wastes that are recycled in a manner constituting disposal;

- hazardous waste burned for energy recovery in boilers and industrial furnaces that are not regulated under section 373-2.15 or 373-3.15 of this Part. This exemption is not available if the hazardous waste stream has individual hazardous waste components with little or no heat value (less than 8,000 BTU/lb);

- hazardous waste from which precious metals (as defined in section 374.6 of this Title) are being reclaimed; and

- spent lead acid batteries that are being reclaimed by battery crackers or secondary lead smelters.

(c) ___ Totally enclosed treatment facility - 373-1.1(d)(1)(xi).

(d) ___ Elementary neutralization units or wastewater treatment units other than units located at commercial facilities. Units utilized only to neutralize or treat hazardous waste from recycling characteristic hazardous wastes or for precious metal recovery at commercial facilities are exempt. 373-1.1(d)(1)(xii) (Complete Appendix Q).

(e) ___ Storage of hazardous waste generated and stored on-site for 90 days or less and 8,800 gallons or less is stored in containers or 20,000 gallons or less is stored in tanks. 373-1.1(d)(1)(iii).

(f) ___ Storage of liquid hazardous waste over the designated sole source aquifers provided the waste is stored less than 90 days and 8,800 gallons or less is stored in containers or 20,000 gallons or less is stored in tanks. 373-1.1(d)(1)(iv).

(g) ___ The on-site treatment of hazardous waste, by the generator, in the same tanks or containers used for accumulation and storage is exempt provided the generator complies with 6NYCRR Part 373-1.1(d)(1)(iii) and (iv). 373-1.1(d)(1)(ix).

(h) ___ Storage and treatment of hazardous waste on-site of generation if generates less than 100 kilograms and stores less than 1,000 kilograms of hazardous waste in each calendar month and not generate or store acute hazardous waste as described in 373-1.1(d)(1)(b). 373-1.1(d)(1)(v).

(i) ___ Accumulation areas. Complete Part II: 3A. 373-1.1(d)(1)(xiv).

(j) ___ Storage of manifested shipments of hazardous waste in containers or vehicles by a transporter at its own transfer facility for 5 days or less. Complete Appendix B. 373-1.1(d)(1)(xv).

3. Hazardous Waste Special Assessment Fees - Article 27-0923 ECL

Is the company aware that a Quarterly Hazardous Waste Special Assessment Return (Form TP 550) is required for any quarter in which hazardous waste is generated and disposed of in any quantity and method that would produce an assessment of at least $27 for that quarter?* Yes ___ No ___

* The review of Form TP 550 or the failure to submit a form when required will be the subject of a separate action by the Department.

4. Status Identification:

A. ___ Transporter - complete Appendix B

B. Generator Status Identification

1. ___ Category 1 - Conditionally Exempt Generator - generates less than 100 kg/mo and stores less than 100 kg. - 372.1(a)(1)(vii)(a) Complete Part II, 1A.

2. X Category 2 - Small Quantity Generator - generates less than 100 kg/mo and stores more than 100 kg but less than 1,000 kg. - 372.2(a)(8)(vi) - Complete Part II, 1B.

3. ___ Category 3 - Generator Subject to Reduced Requirements - generates more than 100 kg/mo but less than 1,000 kg/mo and stores less than 1,000 kg. - 372.2(a)(8)(iii) - Complete Part II, 1C.

4. ___ Category 4 - Generator - generates and/or stores 1,000 kilograms or more per month or generates acute hazardous waste in quantities greater than 1 kg per month. Complete Part II, Questions 2-7. (Generators over sole source aquifers also complete Appendix A.)

C. Treatment, Storage or Disposal Facility Status

1. Hazardous waste is generated and stored on-site. If so:

(a) ___ Is hazardous waste stored on-site longer than 90 days? 373-1.1(d)(1)(iii) - If yes, complete Appendix A.*

(b) ___ Is more than 8,800 gallons of hazardous waste stored in containers? 373-1.1(d)(1)(iii)(a) - If yes, complete Appendix A.*

(c) ___ Is more than 20,000 gallons of hazardous waste stored in tanks? 373-1.1(d)(1)(iii)(b) - If yes, complete Appendix A.*

* (Note: Do not complete Appendix A for generators only that have exceeded 90 days or quantity limits.)

2. ___ Hazardous waste is received from off-site and not beneficially used, reused or legitimately recycled or stored. If yes, complete Appendix A.

3. ___ Hazardous waste is treated on-site. If yes, complete appropriate portion of this report.

4. ___ Hazardous waste is disposed of on-site. If yes, complete appropriate portion of this report.

D. Hazardous Waste Generation/Storage

1. Describe the activities that result in the generation of hazardous waste. Include manufacturing processes that generate hazardous waste.

The facility repairs automobiles damaged in collisions. The waste stream includes materials generated from the repairs: waste oil/drag, paint related waste, parts cleaner and cleaning compounds

2. Identify the hazardous wastes that are on-site, the quantity of each, the storage method, the type and size container or tanks used and the location in the storage area. (Be as specific as possible.)

Accumulation Areas:

Wastes are stored in steel containers 55-gallon steel drums and 5-gallon steel containers. These are stored in a corner of the building. Waste codes for the

Container Storage Areas for Cat. 1-4 generators*

materials on site include D008, D004, D006, D007, D039, F003 and F005).

Interim Status/Permitted Storage Areas for containers:

Tank Storage Areas for Cat. 1-4 generators*

Interim Status/Permitted Storage Areas for tanks:

_____

_____

_____

_____

* Cat. 1 and 2 generator	- unlimited storage time providing quantity limits not exceeded.
Cat. 3 generator	- 180 days (or 270 if TSD is over 200 miles away).
Cat. 4 generator	- 80 days or less storage time.

Part II

Generator Inspection Section

Indicate:	Indicate:
X Violations	X Satisfactory NA Not Applicable

1. Requirements for Exempt and Small Quantity Generator (Category 1-3 Generators)

   A. Category 1 - The conditionally exempt generator has:

      1. ___ made a hazardous waste determination - 372.1(e)(1)(vii)(a). ___

      2. ___ accumulated no more than 100 kg of hazardous waste on-site - 372.1(e)(1)(vii)(b). ___

      3. ___ disposed of hazardous waste in an authorized, permitted or licensed on-site or off-site facility - 372.1(e)(1)(vii)(c). ___

      4. ___ ensured delivery to an off-site facility by a transporter authorized under Part 364 or by the generator himself - 372.1(e)(1)(vii)(d). ___

   B. Category 2 - The generator who generates less than 100 kg/month and stores between 100-1000 kg has complied with the following:

      General Requirement - Items 2A-E (pg. II-5) ✓
      Manifest & Reporting - Item 4A-P, except for Item G ✓
      (pgs. II-10, 11, 12)

      1. ___ uses tanks that are properly sheltered and protected to prevent spillage, seepage or any discharge - 372.2(a)(B)(vi)(a). NA

      2. X keeps containers and tanks holding hazardous waste closed during storage except to add or remove wastes. Containers and tanks must not be opened, handled or stored in a manner which may rupture the tank or containers or cause them to leak. Tanks and containers must be inspected at least quarterly for leaks or damage - 372.2(a)(B)(vi)(b). OTFC X

      3. ___ uses tanks that are designed, constructed or operated in accordance with whichever of the following requirements are in effect in the municipality where the facility is located: 372.2(a)(B)(vi)(c). NA

3/92

Indicate: | Indicate:

X Violations | X Satisfactory
NA Not Applicable

(a) ___ the State Uniform Fire Protection and Building Code Title 9 (8) NYCRR, Subchapter C, including the National Fire Protection Association Flammable and Combustible Liquids Code (NFPA-30) - 372.2(a)(8)(vi)(c)(1), or X

(b) ___ the applicable local building and fire codes - 372.(a)(8)(vi)(c)(2). X

4. ___ the quantity of waste accumulated on-site must never exceed 1,000 kilograms - 372.2(a)(8)(vi)(d). X

C. Category 3 - The generator subject to reduced requirements has complied with the following:

General Requirements - Complete Items 2A-E (pg. II-5)
Manifest & Reporting - Complete Items 4A-P, except for Item G (pgs. II-10, 11, 12)
Accumulation Areas - Complete Item 3A (Pg. II-6) [if applicable]
Container Requirements - Complete Item 3D, questions 2-8 [except for Question 7(a)-(c)] (pg. II-6, 7, 8)
Preparedness & Prevention - Complete Items 6A-F (pgs. II-14, 15)

1. ___ quantity of waste on-site never exceeds 1000 kg and may be stored for up to 180 days unless the disposal facility is 200 miles or more away. Storage up to 270 days then is allowed - 372.2(a)(8)(iii)(a). ___

2. ___ the date upon which each period of accumulation begins is clearly marked and visible for inspection on each container - 372.2(a)(8)(iii)(d): 373-1.1(d)(1)(iii)(c)(2). ___

3. ___ each container is marked with the words "Hazardous Waste" and with other words to identify the contents - 372.2(a)(8)(iii)(d):373-3.9(d)(3) ___

4. ___ at all times there must be at least one employee on-site or on call with the responsibility for coordinating emergency measures - 372.2(a)(8)(iii)(e)(1). ___

5. ___ the name and phone number of the emergency coordinator must be posted next to the telephone - 372.2(a)(8)(iii)(e)(2)(i). ___

6. ___ location of fire extinguishers and spill control material and, if present, fire alarm must be posted next to the telephone - 372.(a)(8)(iii)(e)(2)(ii). ___

7. ___ telephone number of the fire department must be posted next to the phone unless the facility has a direct alarm - 372.2(a)(8)(iii)(e)(2)(iii). ___

Indicate:

X Violations

Indicate:

X Satisfactory
NA Not Applicable

8. ___ ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures - 372.2(a)(8)(iii)(a)(3). ___

9. ___ the emergency coordinator or a designee have responded appropriately to any emergencies that have arisen - 372-2(a)(8)(iii)(a)(4). ___

Tank Storage Requirements: 373-3.10(1)
(Complete the following section)

General operating requirements:

10. ___ hazardous wastes or treatment reagents must not be placed in a tank if they could cause the tank or its inner liner to fail - 373-3.10(1)(2)(ii). ___

11. ___ uncovered tanks must be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless there is adequate containment - 373-3.10(1)(2)(iii). ___

12. ___ where hazardous waste is continuously fed into a tank, the tank must be equipped with a means to stop this inflow - 373-3.10(1)(2)(iv). ___

13. ___ the owner or operator must mark all tanks with the words "Hazardous Waste" and with other words that identify the contents of the tanks. For underground tanks, the markings must be placed on a sign in the area above the tank - 373-3.10(1)(2)(v). ___

Tank(s) are inspected each operating day for:

14. ___ discharge control equipment (e.g. waste feed cutoff systems, bypass systems and drainage systems) - 373-3.10(1)(3)(i). ___

15. ___ monitoring equipment (e.g. pressure and temperature gauges) - 373-3.10(1)(3)(ii). ___

16. ___ level of waste in tank to ensure proper freeboard - 373-3.10(1)(3)(iii). ___

Tank(s) are inspected weekly for:

17. ___ corrosion or leaking of fixtures or seams - 373-3.10(1)(3)(iv). ___

18. ___ erosion or obvious signs of leakage (e.g. wet spots or dead vegetation) of the construction materials of, and the area immediately surrounding discharge confinement structures (e.g. dikes) - 373-3.10(1)(3)(v). ___

Indicate:

X Violations

Indicate:

X Satisfactory
NA Not Applicable

Closure:

19. ___ at closure all hazardous waste must be removed from tanks, discharge control equipment and discharge confinements structures - 373-3.10(1)(4). ___

Special requirements for ignitable or reactive waste:

20. ___ ignitable or reactive waste is placed in a tank and the waste is stored, treated, rendered or mixed before or immediately after placement in the tank so that the resulting wastes, mixture or dissolution of material is no longer ignitable or reactive: 373-3.10(1)(5)(i)(a)(1); and ___

21. ___ the treatment, storage or disposal of ignitable or reactive waste in a tank, is conducted so that it does not: 373-3.10(1)(5)(i)(a)(2) ___

    (a) ___ generate extreme heat or pressure, fire or explosions violent reactions - 373-3.2(h)(2)(i). ___

    (b) ___ produce uncontrolled toxic mists, fumes dusts or gases in sufficient quantities to threaten human health - 373-3.2(h)(2)(ii). ___

    (c) ___ produce uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosion - 373-3.2(h)(2)(iii). ___

    (d) ___ damage the structural integrity of the device or facility containing the waste - 373-3.2(h)(2)(iv). ___

    (e) ___ through other like means threaten human health or the environment - 373-3.2(h)(2)(v); or ___

22. ___ the waste is stored or treated in such a way that it is protected from any material or conditions that may cause the waste to ignite or react - 373-3.10(1)(5)(i)(b), or ___

23. ___ the tank is used solely for emergencies - 373-3.10(1)(5)(i)(c). ___

24. ___ storage of ignitable or reactive waste in covered tanks complies with the National Fire Protection Association's (NFPA's) buffer zone requirements for tanks, contained in Tables 2-1 thru 2-6 of the "Flammable and Combustible Liquids Codes." 373-3.10(1)(5)(ii). ___

Indicate:

X Violations

Indicate:

X Satisfactory
NA Not Applicable

Incompatible Wastes:

25. ___ Incompatible wastes, or incompatible wastes and materials, must not be placed in the same tank and hazardous waste must not be placed in an unwashed tank which previously held on incompatible waste or material unless the mixture or commingling is conducted to prevent the following: 373-3.10(e)(6) ___

(a) ___ generation of extreme heat or pressure, fire or explosions, or violent reactions; ___

(b) ___ production of uncontrolled toxic mists, fumes, dusts, or gases in sufficient quantities to threaten human health; ___

(c) ___ production of uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosions; ___

(d) ___ damage to the xtructural integrity of the device or facility containing the waste; or ___

(e) ___ through other like means threaten human health or the environment. ___

For Category 4 Generators of Hazardous Waste - complete remainder of Part II.

2. General Requirements

A. ___ The generator has made a determination as to whether or not his solid waste is a hazardous waste - 372.2(a)(2). X

B. ___ The generator has obtained an EPA identification number - 372.2(a)(3). X

C. ___ Before transporting or offering hazardous waste for * transportation off-site the generator has packaged the waste in accordance with the applicable USDOT regulations - 372.(a)(4). NA

D. ___ Before transporting or offering hazardous waste for * transportation off-site the generator has labeled each package of waste in accordance with the applicable USDOT regulations - 372.2(a)(5). NA

E. ___ Before transporting or offering hazardous waste for * transportation off-site the generator has marked each container or package of waste properly - 372.2(a)(6). NA

* Note: This does not apply to drums in storage.

Indicate:

X Violations

Indicate:

X Satisfactory
NA Not Applicable

3. On-site Accumulation of Hazardous Waste Prior to Shipment

A. ___ Accumulation areas - 372.2(a)(8)(i)(a).

(1) ___ The containers appear to be in good condition and are not in danger of leaking - 373-3.9(b). ___

(2) ___ Hazardous waste is stored in containers made of compatible materials - 373-3.9(c). ___

(3) ___ All containers except those in use are closnd - 373-3.9(d)(1). ___

(4) ___ Containers holding hazardous waste must not be opened, handled or stored in a manner which may rupture the container or cause it to leak - 373-3.9(d)(2). ___

(5) ___ Containers are marked either with the words "Hazardous Waste" and with other words that identify the contents of the containers - 372.2(a)(8)(i)(a)(2). ___

(6) ___ Hazardous waste may be accumulated in excess of 55 gallons or 1 quart of acutely hazardous waste at the point of generation provided that Section 372.2(a)(8)(ii) requirements are met within 3 days, and the container holding the excess accumulation must be marked with the date the excess amount began accumulating - 372.2(a)(8)(i)(b). ___

90 Day Storage Area/Permitted Storage Area (complete as applicable and be specific)

B. ___ All such wastes are shipped off-site to an authorized treatment, storage or disposal (TSD) facility in 90 days or less - 372.2(a)(8)(ii). ___

C. ___ The date upon which each period of accumulation begins is clearly marked and visible for inspection on each container or tank - 372.2(a)(8)(ii):373-1.1(d)(1)(iii)(c)(2), 373-1.1(d)(1)(iv)(d). ___

D. Standards for management of containers - 372.2(a)(8)(ii); 373-3.9 (This section will also be completed for TSD's as referred to from Appendix A.)

1. ___ Each container is marked with the words "Hazardous Waste" and with other words to idantify the contents. 373-3.9(d)(3). ___

2. ___ The containers appear to be in good condition and are not in danger of leaking. (If containers are ___

and specific)

3. ___ Hazardous waste is stored in containers made of compatible materials - 373-3.9(c). (If not, please explain).

4. ___ All containers except those in use are closed - 373-3.9(d)(1).

5. ___ Containers holding hazardous waste must not be opened, handled or stored in a manner which may rupture the container or cause it to leak - 373-3.9(d)(2).

6. ___ The storage area is inspected at least weekly - 373-3.9(e).

7. The generator complies with the following special requirements related to storage of ignitable or reactive wastes. 373-3.9(f):

   (a) ___ Containers holding ignitable or reactive waste are located at least 15 meters (50 feet) from the facility property line - 373-3.9(f).

   (b) ___ Generator has taken precautions to prevent accidental ignition or reaction of ignitable or reactive waste by separating and protecting such waste from sources of ignition or reaction - 373-3.2(h)(1).

   (c) ___ Generator has placed "No Smoking" signs conspicuously wherever there is a hazard from ignitable or reactive waste - 373-3.2(h)(1).

8. The generator complies with the following special requirements related to incompatible wastes: 373-3.9(g).

   (a) ___ Incompatible wastes, or incompatible wastes and materials, are not placed in the same container,

Indicate: | Indicate:

X Violations | X Satisfactory
NA Not Applicable

or in an unwashed container that previously held an incompatible waste or material unless the placement is conducted to prevent the following: 373-3.9(g)(1) & (2).

(1) ___ the generation of extreme heat or pressure, fire or explosion, or violent reaction - 373-3.2(h)(2)(i). ___

(2) ___ production of uncontrolled toxic mists, fumes, dusts or gases in sufficient quantities to pose a risk of fire or explosions - 373-3.2(h)(2)(ii). ___

(3) ___ production of uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosions - 373-3.2(h)(2)(iii). ___

(4) ___ damage to the structural integrity of the device or facility containing the waste - 373-3.2(h)(2)(iv). ___

(5) ___ a threat to human health or the environment - 373-3.2(h)(2)(v). ___

(b) ___ Containers holding a hazardous waste that is incompatible with any waste or other materials stored nearby in other containers, piles, open tanks, or surface impoundments must be separated from the other materials or protected from them by means of a dike, berm, wall, or other device. 373-3.9(g)(3). ___

9. Special requirements for generators of liquid hazardous waste over sole source aquifers: 373-1.1(d)(1)(iv)

(a) ___ the facility submits written notification to the regional office that they qualify for the exemption under 373-1.1(d)(1)(iv) and submits a TSD annual report - 373-1.1(d)(1)(iv)(e). ___

(b) ___ The container storage areas are within a secondary containment system designed and and operated in accordance with the following: 373-1.1(d)(1)(iv)(f). ___

(1) ___ the base under the containers must be free of cracks or gaps and sufficiently impervious to contain collected material until it is removed - 373-2.9(f)(1)(i). ___

Indicate:

X Violations

Indicate:

X Satisfactory
NA Not Applicable

(2) ___ the base must be sloped or the containment system otherwise designed and operated to drain and remove liquid unless the containers are elevated or protected from contact with accumulated liquids - 373-2.9(f)(1)(ii). ___

(3) ___ the containment system must have sufficient capacity to contain 10 percent of the volume of containers or the volume of the largest container, whichever is greater. Containers that do not contain free liquids are not considered in this determination - 373-2.9(f)(1)(iii). ___

(4) ___ Run-on is prevented unless the system has sufficient excess capacity over that required in (3) - 373-2.9(f)(1)(iv). ___

(5) ___ Accumulated waste and precipitation must be removed as necessary to prevent overflow 373-2.9(f)(1)(v). ___

E. Standards for management of tanks: 373-3.10

1. ___ Generators complete Appendix O except for Section 373-3.10(h)(3); Items 7C1-5 (pages O-14 to O-15). [In addition, sections 373-3.7 and 3.8 which are cross-referenced do not apply except for section 373-3.7(b) and (e)].

2. ___ Generators over sole-source aquifers complete Appendix O except for Section 373-3.10(h)(3), Items 7C1-5 (pages O-14 to O-15). [Requirements of section 373-3.8 do not apply.]

Indicate:

X Violations

Indicate:

X Satisfactory
NA Not Applicable

4. Manifest Records and Reporting: 372.2(b)

A. ___ Hazardous waste is shipped off-site with an accompanying manifest. X

If "violation" is checked please elaborate.

B. List the number of shipments per month and the amount of waste per shipment. X

Shipments vary from one per month to one every 3 months, the waste quantity varies from 44 kg to 226 kg per shipment.

C. ___ The transporter has a valid Part 364 permit or is otherwise authorized to transport the waste to the designated facility - 372.3(a)(4). X

List transporter and permit number.

Safety Kleen ILD 051 060 408

Indicate:

X Violations

Indicate:

X Satisfactory
NA Not Applicable

D. Each manifest (a representative sample) has the following information: 372.2(b)(1); Appendix 30.

		Generator	Transporter 1	Transporter 2	TSDF	
1. ___	Name of	X	X	___	X	X
2. ___	EPA ID No. of	X	X	___	X	X
3. ___	Mailing Address of	X	X	___	X	X
4. ___	Telephone No. of	X	X	___	X	X
5. ___	Manifest Document #					X
6. ___	The proper USDOT description.					X
7. ___	The appropriate: ✓ quantity, ✓ container number, ___ container type, and ✓ waste type by units of weight or volume.					X
8. ___	Signed certification that the materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation under regulations of the USDoT and NYSDEC - 372.2(a)(4) and 372.2(a)(5) and 372.2(a)(6).					X
9. ___	Signed copies of the manifest records have been retained for at least three years - 372.2(c)(1)(i).					X

E. ___ The generator must distribute copies of the manifest as specified on the manifest form - 372.2(b)(3). X

F. ___ The generator has received signed copies (from the TSD facility) of all manifests for wastes shipped off-site more than 20 days ago: X

___ If not, exception reports have been submitted covering these shipments - 372.2(c)(3). NA

G. ___ A generator who ships hazardous waste off-site to a treatment, storage or disposal facility located within the United States must submit Annual Reports on Forms specified by the Commissioner. 372.2(c)(2). NA

Indicate:		Indicate:
X	Violations	X Satisfactory NA Not Applicable

H. For international shipments the generator has done the following: 372.5.

1. ___ EPA and the Department have been notified 60 days prior to shipment of hazardous waste destined for treatment, storage or disposal outside the United States - 372.5(c)(1). NA

2. ___ Delivery of the wastes has been confirmed by the consignee within 90 days of acceptance by initial transporter - 372.5(e)(2). NA

3. ___ Primary exporters of hazardous waste must file with the Administrator and the Department no later than March 1 of each year, a report summarizing the types, quantities, frequency, and ultimate destination of all hazardous waste exported during the previous calendar year - 372.5(f)(1). NA

I. ___ Has complied with interstate shipments - 372.6. X

J. ___ Has complied with shipments by rail or water (bulk) - 372.7. NA

K. ___ A copy of each manifest has been kept for at least three years from the date the waste was accepted by the initial transporter - 372.2(c)(1)(i). X

L. ___ A copy of each Annual Report and Exception Report must be kept for a period of at least three years from the due date of the report - 372.2(c)(1)(ii). NA

M. ___ A generator must keep records of any test results, waste analyses, or other determinations made in accordance with Part 372.2(a)(2) for at least three years - 372.2(c)(1)(iii). NA

N. ___ All records required under subdivision 372.2(c) were furnished upon request, or made available at a reasonable time for inspection - 372.2(c)(1)(iv). X

O. ___ There is written communication that the designated treatment, storage or disposal facility is an authorized treatment, storage or disposal facility for the particular wastes being offered for shipment and has capacity to accept the hazardous waste set forth on the manifest and will assure the ultimate disposal method is followed - 372.2(b)(2)(i). X

P. ___ There is written communication that the designated transporter is authorized to deliver the waste to the facility on the manifest - 372.2(b)(2)(ii). X

Indicate:

X Violations

Indicate:

X Satisfactory
NA Not Applicable

5. Personnel Training - 373-3.2(g)

A. There is a:

1. ___ written description of the job title for each position at the facility related to hazardous waste management and name of the employee filling each job - 373-3.2(g)(4)(i). ___

2. ___ written job description for each position - 373-3.2(g)(4)(ii). ___

3. ___ written description of the type and amount of both introductory and continuing training that will be given to each person related to hazardous waste management - 373-3.2(g)(4)(iii). ___

4. ___ records that document that the training or job experience required has been given to and completed by facility personnel - 373-3.2(g)(4)(iv). ___

B. ___ The training program is directed by a person trained in hazardous waste management procedures and must include instruction which teaches facility personnel hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed. 373-3.2(g)(1)(i),(ii) and (iii). The components are: ___

1. ___ Procedures for using, inspecting, repairing and replacing facility emergency and monitoring equipment; ___

2. ___ Key parameters for automated waste feed cutoff systems; ___

3. ___ Communications or alarm systems; ___

4. ___ Response to fires and explosions; ___

5. ___ Response to groundwater contamination incidents; and ___

6. ___ Shutdown of operations. ___

C. ___ Facility personnel have successfully completnd the program by the effective date of these regulations or six months after the date of their employment. 373-3.2(g)(2). ___

D. ___ Facility personnel have taken part in an annual review of the initial training required - 373-3.2(g)(3). ___

Indicate:		Indicate:
X Violations		X Satisfactory NA Not Applicable

E. ___ Training records on current personnel have been kept permanently at the facility (until closure) - 373-3.2(g)(5). ___

F. ___ Training records on former employees have been kept for at least three years from the date the employee last worked at the facility - 373-3.2(g)(5). ___

6. Preparedness and Prevention - 373-3.3

A. ___ The facility is maintained and operated to minimize the possibility of a fire or explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil or surface water - 373-3.3(b). ___

B. ___ The facility must be equipped with the following, unless none of the hazards posed by waste handled at the facility could require a particular kind of equipment specified below: 373-3.3(c) ___

1. ___ An internal communication or alarm system capable of providing immediate emergency instruction (voice or signal) to facility personnel; ___

2. ___ A device, such as a telephone (immediately available at the scene of operations) or a hand-held, two-way radio capable of summoning emergency assistance from local police departments, fire teams; ___

3. ___ Portable fire extinguishers, fire control equipment, spill control equipment and decontamination equipment; ___

4. ___ Water at adequate volume and pressure to supply water hose streams, or foam-producing equipment, or automatic sprinklers, or water spray systems. ___

C. ___ Facility communications or alarm systems, fire protection equipment, and spill control equipment are tested and maintained as necessary to assure their proper operation in time of emergency - 373-3.3(d). ___

D. ___ Personnel involved in hazardous waste operations have immediate access to an internal alarm or emergency communication device - 373-3.3(e). ___

Indicate:

X Violations

Indicate:

X Satisfactory
NA Not Applicable

E. ___ The owner or operator must maintain aisle space to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of facility operation in an emergency unless aisle space is not needed for any of these purposes - 373-3.3(f). ___

F. The facility owner or operator has made an attempt in good faith to make the following arrangements with local authorities, as appropriate for the type of waste handled at the facility and the potential need for the services of these organizations - 373-3.3(g)(1):

1. ___ Arrangements to familiarize police, fire departments and emergency response teams with the functions and layout of the facility; ___

2. ___ Where more than one police and fire department might respond to an emergency, an agreement designating primary emergency authority to a specific police and a specific fire department, and agreements with any others to provide support to primary emergency authority; ___

3. ___ Agreements with government emergency response teams, emergency response contractors, and equipment suppliers; ___

4. ___ Arrangements to familiarize local hospitals with the properties of hazardous waste handled at the facility and the types of injuries or illness which could result from fires, explosions or releases at the facility; and ___

5. ___ Where state or local authorities decline to enter into such arrangements, the owner or operator has documented the refusal in the operating record. ___

7. Contingency Plan and Emergency Procedures - 373-3.4

A. ___ The facility has a contingency plan or some other emergency plan which incorporates hazardous waste management. ___

B. The following are included in the contingency plan - 373-3.4(c):

1. ___ A description of actions facility personnel must take in response to fires, explosions or any unplanned sudden or non-sudden releases of hazardous waste or hazardous waste constituents to air, soil or surface water; ___

Indicate:		Indicate:
X Violations		X Satisfactory NA Not Applicable
2. ___	A description of arrangements agreed to by local police departments, fire departments, hospitals, contractors, and state and local emergency response teams to coordinate emergency services;	___
3. ___	Names, addresses and phone numbers of all persons qualified to act as emergency coordinator;	___
4. ___	A list of all emergency equipment at the facility, and decontamination equipment, where this equipment is required;	___
5. ___	The location and the physical description of each item on the list, and a brief outline of its capabilities;	___
6. ___	An evacuation plan for facility personnel, where there is a possibility that evacuation could be necessary.	___
C. ___	Copies of the contingency plan are maintained at the facility. 373-3.4(d)(1).	___
D. ___	Copies of the contingency plan have been submitted to all local police departments, fire departments, hospitals, and state and local emergency response teams that may be called upon to provide emergency services. 373-3.4(d)(2).	___
E. ___	The contingency plan has been amended, as necessary, when applicable regulations were revisnd, the plan failed in an emergency, the facility changes or the list of emergency coordinators or equipment changes - 373-3.4(e).	___
F. ___	There was at least one employee either on the facility premises or on call with the responsibility for coordinating all emergency response measures - 373-3.4(f).	___
G. ___	During a past emergency situation the emergency coordinator (or his designee when the emergency coordinator is not on call) immediately activated emergency procedures - 373-3.4(g).*	___

*Do not go back further than tha previous inspection date.

The following was done:

1. ___	Activatnd internal facility alarms or communication systems;	___

Indicate:

X Violations

Indicate:

X Satisfactory
NA Not Applicable

2. ___ Notified appropriate state or local agencies; ___

3. ___ Immediately identified the character, exact source, amount and areal extent of any released materials; ___

4. ___ The emergency coordinator assessed possible hazards to human health and the environment; ___

5. ___ The emergency coordinator, after determining that that facility had a release, fire or explosion which could threaten human health or the environment outside the facility, reported his findings; ___

6. ___ During the emergency, the emergency coordinator took all reasonable measures necessary to ensure that fire, explosions and releases do not occur, recur or spread to other hazardous waste; ___

7. ___ The emergency coordinator monitored for leaks, pressure buildup, gas generation or ruptures in valves, pipes or other equipment, where appropriate during the facility's response to the emergency; ___

8. ___ The emergency coordinator provided for treating, storing or disposing of recovered waste, contaminated soil or surface water, or any other material that resulted from a release, fire or explosion at the facility; ___

9. ___ The emergency coordinator ensured that in the affected area no waste that may be incompatible with the released material was treated, stored or disposed of until cleanup procedures were completed; ___

10. ___ The emergency coordinator ensured that all emergency equipment listed in the contingency plan was cleaned and fitted for its intended use before operations were resumed; ___

11. ___ The owner or operator notified the Commissioner that the facility is in compliance with Part 373-3.4(g)(8) before operations were resumed in the affected areas of the facility; ___

Indicate:		Indicate:
X Violations		X Satisfactory NA Not Applicable
12. ___	The owner or operator noted in the operating record the time, date and details of the incident that required implementation of the contingency plan;	___
13. ___	The owner or operator submitted a complete written report on the incident within 15 days after the incident occurred.	___

HANDLER NAME BK Chevrolet

EPA ID# NY D 0 5 0 3 3 2 4 4 4

APPENDIX R
LAND DISPOSAL RESTRICTIONS CHECKLIST

I. Applicability[5]

A. Unless otherwise specified, the following requirements apply to all persons who generate, transport, treat, store or dispose of hazardous waste (except conditionally exempt generators of less than 100 kg of non-acute or 1 kg of acute hazardous waste per calendar month).

B. The hazardous wastes restricted from land disposal are:

1. The hazardous wastes listed or identified in Part 371 or 376.

2. The wastes identified as hazardous based on characteristic alone (D001-D017).

II. Waste Identification[5]

A. **Determine which of the following prohibited* LDR waste categories the facility manages:**

	Generate	Transport	Treat	Store	Dispose
F001-F005 Solvents	F005 F003				
F020-F023 and F026-F028 Dioxins					
Wastes found in 376.3(b)(1)**					
Wastes found in 376.3(c)***	D039 D001, D004 D007, D008				

* These wastes are prohibited from land disposal unless the wastes meet or have been treated to meet the treatment standards of 376.4, have been granted an exemption by petition, have been granted an extension, or have been treated to meet alternative treatment standards.

** Liquid hazardous wastes containing PCBs at concentrations greater than or equal to 50 ppm, hazardous wastes containing HOCs in concentrations greater than or equal to 1,000 ppm, that are identified as hazardous by a property that does not involve HOCs, and liquid wastes that are hazardous and also contain over 134 mg/l nickel and/or 130 mg/l of thallium.

*** Formerly the First, Second and Third Thirds

NOTE: Superscript numbers indicate general applicability of sections.

1. Generator 2. Treatment Facility 3. Storage Facility
4. Land Disposal Facility 5. All

B. Waste Specific Prohibitions*. (Formerly National Capacity Variances)[5]

* Case-by-case extentions may be granted to individual facilities for these wastes after expiration of capacity variances.

Does the facility handle the following wastes?	YES	NO
1. Soil and debris contaminated with wastes that had treatment standards set in the Third Third rule based on incineration, mercury retorting, or vitrification. (expires-05/08/92) - 376.3(c)(4).	___	X
2. The following nonwastewaters-F039,K031,K084,K101,K102, K106,P010,P011,P012,P036,P038,P065,P087,P092,U136,U151. (expires-05/08/92) - 376.3(c)(2).	___	X
3. The following wastes identified as hazardous based on a characteristic alone: D004 (nonwastewaters), D008 (lead materials stored before secondary smelting), D009 (nonwastewaters) (expires 05/08/92) - 376.3(c)(2).	X	X
4. Inorganic solid debris*; includes chromium refractory bricks carrying EPA Hazardous Waste Nos. K048-K052 (expires-05/08/92) - 376.3(c)(2).	___	X

* Inorganic Solid Debris means nonfriable inorganic solids contaminated with D004-D011 hazardous wastes that are incapable of passing through a 9.5 mm standard sieve; and that require cutting, or crushing and grinding in mechanical sizing equipment prior to stabilization, and are limited to metal slags (either dross or scoria); glassified slag; glass; concrete; masonry and refractory bricks; metal cans, containers, drums or tanks; metal nuts, bolts, pipes, pumps, valves, appliances or industrial equipment; and scrap metal as defined in 370.2(c).

5. RCRA hazardous wastes that contain naturally occurring radioactive materials (expires-05/08/92) - 376.3(c)(2).	___	X
6. Wastes that are mixed radioactive/hazardous wastes, and soil or debris contaminated with mixed radioactive/hazardous wastes (expires-05/08/92) - 376.3(c)(3).	___	X

If yes to any of 1 through 6 above, identify the waste(s).

_____

_____

_____

III. Prohibitions, Exemptions, Extensions[5]

A. Dilution Prohibited as a Substitute for Treatment.

	YES	NO
1. Does the generator, transporter, handler, or owner or operator of a treatment, storage or disposal facility dilute characteristic hazardous wastes (in a treatment system which treats wastes subsequently discharged to NYS waters) pursuant to a SPDES permit or for purposes of pretreatment under the Clean Water Act? - 376.1(c)(2). (Complete Appendix A or Q, as applicable)	___	X
	YES	**NO**
2. Other than as described in 1. above, has the generator, transporter, handler, or owner or operator of a treatment, storage or disposal facility in any way diluted a restricted waste or the residual from treatment of a restricted waste: - 376.1(c)(1).	___	X
a. As a substitute for adequate treatment to achieve compliance with section 376.4.	___	___
b. To otherwise avoid a prohibition in section 376.3.	___	___
c. To circumvent a land disposal prohibition imposed by Article 27.	___	___

If yes to a, b, or c above, identify the waste and provide a brief description of the dilution process.

_____

_____

_____

B. Surface Impoundment Treatment.[2]

	YES	NO
Does the owner or operator treat* wastes which are prohibited from land disposal in a surface impoundment or series of surface impoundments? - 376.1(d)(1).	___	___

If no, go to C.

* The evaporation of hazardous constituents as the principal means of treatment in surface impoundment is not considered to be treatment for the purposes of this exemption.

Describe the waste(s) treated.

_____

_____

X Violations

X Satisfactory
NA Not Applicable

1. ___ Treatment of the prohibited wastes occurs in the impoundments - 376.1(d)(1)(i). ___

2. ___ The following conditions have been met: 376.1(d)(1)(ii). ___

a. ___ The residues from treatment are analyzed to determine if they meet the applicable treatment standards or prohibition levels - 376.1(d)(1)(ii)(a). ___

b. ___ The sampling method, specified in the waste analysis plan, is designed so that representative samples of the sludge and supernatant are tested separately - 376.1(d)(1)(ii)(a). ___

c. ___ The following treatment residues (including any liquid) are removed at least annually * - 376.1(d)(1)(ii)(b). ___

(1) ___ Residues which do not meet the treatment standards promulgated under 376.4. ___

(2) ___ Residues which meet or exceed the prohibition levels established under 376.3 or imposed by statute. ___

(3) ___ Residues which are from the treatment of wastes prohibited from land disposal under 376.3. ___

(4) ___ Residues from managing listed wastes which are not delisted under 370.3(c). ___

* If the volume of liquid flowing through the impoundment or series of impoundments annually is greater than the volume of the impoundment or impoundments, this flow through constitutes removal of the supernatant.

d. ___ Treatment residues have not been placed in any other surface impoundment for subsequent management after original placement - 376.1(d)(1)(ii)(c). ___

e. ___ The procedures and schedule for the sampling of impoundment contents, the analysis of test data, and the annual removal of land disposal restricted residues has been specified in the facility's waste analysis plan - 376.1(d)(1)(ii)(d). ___

X Violation

X Satisfactory
NA Not Applicable

3. ___ Unless exempted or granted a waiver, the impoundment meets the design requirements of 373-2.11(b)(3), 373-3.11(i)(1) and is in compliance with applicable ground water monitoring requirements - 376.1(d)(1)(iii). ___

4. ___ The owner or operator has sent a written certification and a copy of the waste analysis plan to the Commissioner - 376.1(d)(1)(iv). ___

C. **Case-by-Case Extensions.**[5]

	YES	NO
Does the facility handle any wastes subject to a case-by-case extension to an effective date? - 376.1(e).	___	X

If no, go to D.

Identify the waste(s) subject to extension.

_____

_____

X Violations

X Satisfactory
NA Not Applicable

1. ___ The facility* has submitted an application containing the required demonstration to the Commissioner for an extension of the effective date established under section 376.3 - 376.1(e)(1). ___

2. ___ The application is signed by an authorized representative and contains the required certification - 376.1(e)(2). ___

3. ___ Pending a decision on the application for an extension, the applicant has complied with all restrictions on land disposal once the effective date for the waste has been reached - 376.1(e)(9). ___

4. ___ The person granted** the extension has immediately notified the Commissioner as soon as he has any knowledge of any change in the conditions certified to in the application - 376.1(e)(6). ___

5. ___ The person granted** the extension has submitted progress reports at the intervals designated by the Commissioner - 376.1(e)(7). ___

* In this case, facility refers to any person who generates, treats, or disposes of a hazardous waste.

** During the period for which an extension established by the Commissioner is in effect, the storage prohibitions in 376.5 do not apply.

6. ___ The progress reports must: - 376.1(e)(7) ___

   a. ___ Describe the overall progress made toward constructing or otherwise providing alternative treatment, recovery, or disposal capacity, ___

   b. ___ Identify any event which may cause or has caused a delay in the development of the capacity, and ___

   c. ___ Summarize the steps taken to mitigate the delay. ___

7. ___ Hazardous waste has been disposed of in an interim status landfill which is in compliance with the technical requirements of 373-3.6 and 373-3.14(j)(1), (3) and (4) - 376.1(e)(8)(ii)(a).* ___

8. ___ Hazardous waste has been disposed of in a permitted landfill which is in compliance with the technical requirements of 373-2.6 and 373-2.14(c)(3), (4), and (5) - 376.1(e)(8)(ii)(b).* ___

9. ___ Hazardous waste has been disposed of in an interim status surface impoundment which is in compliance with the technical requirements of 373-3.6 and 373-3.11(i)(1), (3) and (4) - 376.1(e)(8)(ii)(c).* ___

10. ___ Hazardous waste has been disposed of in a permitted surface impoundment which is in compliance with the technical requirements of 373-2.6 and 373-2.11(b)(3), (4), and (5) - 376.1(e)(8)(ii)(d).* ___

11. ___ Containerized liquid hazardous wastes containing PCBs at concentrations greater than or equal to 50 ppm but less than 500 ppm have been disposed of in a landfill which is also in compliance with the technical requirements of 40 CFR 761.75 (TOSCA), 371.4(e), 373-2, and 373-3 - 376.1(e)(8)(ii)(e).* ___

* These requirements apply only when the Commissioner establishes an extension to an effective date under subdivision, and only during the period for which such extension is in effect. In addition the storage restrictions under 376.5 do not apply.

D. **Petitions to Allow Land Disposal.**[4] YES NO

Has the owner or operator applied for or been granted an exemption from a prohibition of the land disposal of a ___ ___

restricted hazardous waste in a particular unit(s) by the Commissioner? - 376.1(f).

If no, go to IV.

Identify the wastes subject to exemption.

_____

_____

1. ___ The facility has submitted a petition for an exemption from a prohibition of the land disposal of a restricted hazardous waste in a particular unit to the Commissioner demonstrating that there will be no migration of hazardous constituents from the disposal unit for as long as the wastes remain hazardous - 376.1(f)(1). ___

2. ___ The petition includes the following: -376.1(f)(3) ___

   a. ___ A monitoring plan that describes the monitoring program installed at and/or around the unit to verify continued compliance with the conditions of the exemption and provides information on the monitoring of the unit and/or the environment around the unit - 376.1(f)(3)(i). ___

   b. ___ The following specific information is included in the plan - 376.1(f)(3)(i). ___

      (1) ___ The media monitored in the cases where monitoring of the environment around the unit is required - 376.1(f)(3)(i)(a). ___

      (2) ___ The type of monitoring conducted at the in the cases where monitoring of the unit is required - 376.1(f)(3)(i)(b). ___

      (3) ___ The location of the monitoring stations - 376.1(f)(3)(i)(c). ___

      (4) ___ The monitoring interval (frequency of monitoring at each station) - 376.1(f)(3)(i)(d). ___

      (5) ___ The specific hazardous constituents to be monitored - 376.1(f)(3)(i)(e). ___

      (6) ___ The implementation schedule for the monitoring program - 376.1(f)(3)(i)(f). ___

      (7) ___ The equipment used at the monitoring stations - 376.1(f)(3)(i)(g). ___

(8) ___ The sampling and analytical techniques - 376.1(f)(3)(i)(h). ___

(9) ___ The data recording/reporting procedures techniques - 376.1(f)(3)(i)(h). ___

c. ___ The monitoring data collected according to the monitoring plan has been sent to the Commissioner according to the format and schedule specified and approved in the monitoring plan - 376.1(f)(3)(iii). ___

d. ___ A copy of the monitoring data collected under the monitoring plan is kept on-site in the operating record at the facility - 376.1(f)(3)(iv). ___

e. ___ The monitoring program, specified in 2a & b above, meets the following criteria: - 376.1(f)(3)(v). ___

(1) ___ All sampling, testing, and analytical data must be approved by the Commissioner and must provide data that is accurate and reproducible - 376.1(f)(3)(v)(a). ___

(2) ___ All estimation and monitoring techniques must be approved by the Commissioner, and - 376.1(f)(3)(v)(b). ___

(3) ___ A quality assurance and quality control plan must be provided to and approved by the Commissioner - 376.1(f)(3)(v)(c). ___

3. ___ The petition has been submitted to the Commissioner - 376.1(f)(4). ___

4. ___ After the petition has been approved, the owner or operator has reported any changes in conditions at the unit and/or the environment around the unit that significantly depart from the conditions described in the exemption and affect the potential for migration of hazardous conditions from the unit -376.1(f)(5). ___

5. ___ If the owner or operator determines that there is migration of hazardous constituent(s) from the unit, he has done the following: -376.1(f)(6). ___

a. ___ Immediately suspended receipt of prohibited waste at the unit, and - 376.1(f)(6)(i). ___

b. ___ Notified the Commissioner, in writing, within 10 days of the determination that a release occurred - 376.1(f)(6)(ii). ___

6. ___ The petition contains the required certification - 376.1(f)(7). ___

7. ___ Prior to the Commissioner's decision on the petition for an exemption, the applicant has complied with all restrictions on land disposal once the effective date for the waste has been reached - 376.1(f)(12). ___

IV. Waste Analysis and Recordkeeping - 376.1(g)[5]

A. **Determination of Wastes Restricted from Land Disposal.**

1. ___ Other than the wastes listed in 376.3(b)* or 376.4(d)**, the generator has determined if his F, K, P, U, or B listed wastes are restricted from land disposal - 376.1(g)(1). X

The determination is based on:

a. ___ Testing of the wastes or extracts of the wastes using the test method described in Appendix 35 (TCLP), or ___

b. ___ Using knowledge of the wastes X

2. ___ Other than the wastes listed in 376.3(b)*, the generator has determined if his wastes exhibiting one or more characteristics (D001-D017) are restricted from land disposal - 376.1(g)(1). X

The determination is based on:

a. ___ Testing of extracts using the test method described in Appendix 20 (EP-tox), or ___

b. ___ Using knowledge of the wastes. X

* Refer to ** on first page.

** Formerly the First, Second and Third Thirds

B. **Restricted Wastes not Meeting Treatment Standards.**[5]

___ For restricted wastes that do not meet the applicable treatment standards set forth in 376.4 or that exceed the prohibition levels in 376.3(b), the generator has notified the treatment or storage facility in writing. The notice must contain the following information: - 376.1(g)(1)(i). X

1. ___ EPA Hazardous Waste Number - 376.1(g)(1)(i)(a). X

2. ___ For wastes F001-F005, F039, and wastes prohibited in 376.3(b), the corresponding treatment standards - 376.1(g)(1)(i)(b). X

X Violation

X Satisfactory
NA Not Applicable

3. ___ For all other restricted wastes not included in 2. above: X

a. ___ The treatment standard, or X

b. ___ A reference on the notification, including: ___

(1) ___ The applicable wastewater or nonwastewater category. ___

(2) ___ The applicable waste specific criteria within a waste code. ___

(3) ___ The section(s) and paragraph(s) where the applicable treatment standard appears. ___

4. ___ For treatment standards expressed as specified technologies, the applicable five-letter treatment code - 376.1(g)(1)(i)(b). X

5. ___ The manifest number of the shipment - 376.1(g)(i)(c). X

6. ___ Waste analysis data - 376.1(g)(1)(i)(d). NA

C. **Restricted Wastes Meeting Treatment Standards.**[5]

___ For restricted wastes that can be land disposed of without further treatment, the generator has submitted a notice and a certification to the treatment, storage, or disposal facility stating that the waste meets the applicable treatment standards and prohibition levels - 376.1(g)(1)(ii). NA

1. ___ The notice includes the following information: ___

a. ___ EPA Hazardous Waste Number - 376.1(g)(1)(ii)(a)(1). ___

b. ___ For wastes F001-F005, F039, and wastes prohibited in 376.3(b), the corresponding treatment standards - 376.1(g)(1)(ii)(a)(2). ___

c. ___ For all other restricted wastes not included in b. above: - 376.1(g)(1)(ii)(a)(2). ___

(1) ___ The treatment standard, or ___

(2) ___ A reference, including: ___

(a) ___ The applicable wastewater or nonwastewater category. ___

X Satisfactory
NA Not Applicable

(b) ___ The applicable waste specific criteria within a waste code. ___

(c) ___ The section(s) and paragraph(s) where the applicable treatment standard appears. ___

d. ___ For treatment standards expressed as specified technologies, the applicable five-letter treatment code - 376.1(g)(1)(ii)(a)(2). ___

e. ___ The manifest number for the shipment - 376.1(g)(1)(ii)(a)(3). ___

f. ___ Waste analysis data - 376.1(g)(1)(ii)(a)(4). ___

2. ___ The certification is signed by an authorized representative and makes the required statement - 376.1(g)(1)(ii)(b). X

D. **Wastes Exempted from Land Disposal Prohibitions.**[5]

1. ___ For wastes exempted from land disposal prohibitions such as case-by-case extensions, exemptions under 376.1(f), or nationwide capacity variances, with each shipment the generator has submitted a notice to the facility receiving the waste stating that the waste is not prohibited from land disposal - 376.1(g)(1)(iii). NA

2. ___ The notice includes the following information. ___

a. ___ EPA Hazardous Waste number - 376.1(g)(1)(iii)(a). ___

b. ___ For wastes F001-F005, F039, and wastes prohibited in 376.3(b), the corresponding treatment standards - 376.1(g)(1)(iii)(b). ___

c. ___ For all other restricted wastes not included in b. above: - 376.1(g)(1)(iii)(b). ___

(1) ___ The treatment standard, or ___

(2) ___ A reference, including: ___

(a) ___ The applicable wastewater or nonwastewater category. ___

(b) ___ The applicable waste specific criteria within a waste code. ___

(c) ___ The section(s) and paragraph(s) where the applicable treatment standard appears. ___

d. ___ For treatment standards expressed as specified technologies, the applicable five-letter treatment code - 376.1(g)(1)(iii)(b). ___

e. ___ The manifest number of the shipment - 376.1(g)(1)(iii)(c). ___

f. ___ Waste analysis date - 376.1(g)(1)(iii)(d). ___

g. ___ The date the waste is subject to the prohibitions - 376.1(g)(1)(iii)(e). ___

E. **Treatment of Prohibited Wastes in Containers or Tanks.**[1]

___ For generators managing a prohibited waste in tanks or containers regulated under Part 373-1 and treating that waste in those tanks or containers to meet applicable treatment standards the generator has: NA

1. ___ Developed and followed written waste analysis plan which describes the procedures the generator will carry out to comply with the treatment standards - 376.1(g)(1)(iv). ___

2. ___ Kept the plan on-site in the generator's records - 376.1(g)(1)(iv). ___

3. ___ The following requirements have been met: ___

a. ___ The waste analysis plan has been based on a detailed chemical and physical analysis of a representative sample of the prohibited waste(s) being treated, and contains all information necessary to treat the waste(s), including the selected testing frequency - 376.1(g)(1)(iv)(a). ___

b. ___ The plan has been filed with the Commissioner to implement Part 376 requirements a minimum of 30 days prior to the treatment activity with delivery verified - 376.1(g)(1)(iv)(b). ___

c. ___ Wastes shipped off-site have complied with the notification requirements for restricted wastes meeting treatment standards - 376.1(g)(1)(iv)(c). [Complete Item IV.C.] ___

F. **Recordkeeping.**[5]

1. ___ If a generator has determined whether a waste is restricted based solely on knowledge of the waste, all supporting data used to make this determination has X

been retained on-site in the generator's files - 376.1(g)(1)(v).

2. ___ If a generator has determined whether a waste is restricted based on testing of the waste or an extract developed using the test method described in Appendix 35 (TCLP), all waste analysis data has been retained on-site in the generator's files - 376.1(g)(1)(v). NA

3. ___ If a generator has determined that he is managing a restricted waste that is excluded from the definition of hazardous or solid waste, or exempt from regulation, under 371, subsequent to the point of generation, the generator has placed in the facility's file a one-time notice stating: - 376.1(g)(1)(vi). NA

   a. ___ That the waste is generated, ___

   b. ___ That the waste is excluded from the definition of hazardous or solid waste or exempted from regulation, and ___

   c. ___ The disposition of the waste. ___

4. ___ Generators must retain on-site a copy of all notices, certifications, demonstrations, waste analysis data, and other documentation for at least five years from the date that the wastes were last sent to on-site or off-site treatment, storage, or disposal. (This requirement applies to solid wastes even when the hazardous characteristic is removed prior to disposal, or when the waste is excluded from the definition of hazardous or solid waste, or exempted from regulation, subsequent to the point of generation - 376.1(g)(1)(vii). X

G. **Alternate Treatment Standards for Lab Packs.**[5]

1. ___ For generators managing lab packs containing wastes identified in Appendix 38 (organometallics), who wish to use the alternate treatment standards, with each shipment the generator has: - 376.1(g)(1)(viii). NA

   a. ___ Submitted a notice to the treatment facility in accordance with 376.1(g)(1)(i). [Complete Item IV.E.] ___

   b. ___ Made a waste determination in compliance with 376.1(g)(1)(v) & (vi). [Complete Items IV.F.1-3.] ___

   c. ___ Submitted the certification provided in 376.1(g)(1)(viii), signed by an authorized representative. ___

2. ___ For generators managing lab packs containing organic wastes specified in Appendix 39, who wish to use the alternate treatment standards, with each shipment the generator has: - 376.1(g)(1)(ix). NA

a. ___ Submitted a notice to the treatment facility in accordance with 376.1(g)(1)(i). [Complete Item IV.B.] ___

b. ___ Made a waste determination in compliance with 376.1(g)(1)(v) & (vi). [Complete Items IV.F.1-3.]

c. ___ Submitted the certification provided in 376.1(g)(1)(ix), signed by an authorized representative. ___

H. **Small Quantity Generators with Tolling Agreements.**

___ For generators of less than 1,000 kg per calendar month and who do not store 1,000 kg or more at any time: X

1. ___ The waste is reclaimed under a contractual agreement - 372.2(b)(7)(i). X

2. ___ For the initial shipment of such wastes, the generator has complied with the notification and certification requirements that apply for the wastes subject to the tolling agreement - 376.1(g)(1)(x). [Complete Items IV.B-D.] X

3. ___ Small quantity generators must retain on-site a copy of each notification and certification, together with the tolling agreement, for at least three years after termination or expiration of the agreement - 376.1(g)(1)(x). X

I. **Treatment Facility Requirements.**[2]

1. ___ The treatment facility has tested its waste in accordance with the frequency determined by the Commissioner and based on the criteria included in 373-2.2(e) or 373-3.2(d) - 376.1(g)(2). [Complete Appendix A, Items 2. A-G.] ___

2. ___ The treatment facility has specified the frequency of testing in its waste analysis plan - 376.1(g)(2). ___

3. ___ The treatment facility has performed the testing as follows: ___

a. ___ For wastes with treatment standards expressed as concentrations in the waste extract (376.4(b)), the owner or operator has tested the treatment residues, or an extract of such residues developed ___

using the test method described in Appendix 35 (TCLP), to assure that they meet the applicable treatment standards - 376.1(g)(2)(i).

b. ___ For wastes that are prohibited (376.3(b)), but not subject to any treatment standards, the owner or operator has tested the treatment residues according to generator testing requirements specified in 376.3(b), to assure that the treatment residues comply with the applicable prohibitions - 376.1(g)(2)(ii). ___

c. ___ For wastes with treatment standards expressed as concentration in the waste (376.4(d)), the owner or operator has tested the treatment residues (not an extract) to assure that the treatment residues meet the applicable treatment standards - 376.1(g)(2)(iii). ___

d. ___ The treatment facility has sent a notice with each waste shipment to the land disposal facility - 376.1(g)(2)(iv). ___

e. ___ The notice contains the following information: - 376.1(g)(2)(iv). ___

(1) ___ EPA Hazardous Waste Number - 376.1(g)(2)(iv)(a). ___

(2) ___ For wastes F001-F005, F039, and wastes prohibited in 376.3(b), the corresponding treatment standards - 376.1(g)(2)(iv)(b). ___

(3) ___ For all other restricted wastes not included in (2) above: ___

(a) ___ The treatment standard, or ___

(b) ___ A reference on the notification, including: ___

(i) ___ The applicable wastewater or nonwastewater category. ___

(ii) ___ The applicable waste specific criteria within a waste code. ___

(iii) ___ The section(s) and paragraph(s) where the applicable treatment standard appears. ___

(4) ___ For treatment standards expressed as specified technologies, the applicable five-letter treatment code - 376.1(g)(2)(iv)(b). ___

(5) ___ The manifest number of the shipment - 376.1(g)(2)(iv)(c). ___

(6) ___ Waste analysis data - 376.1(g)(2)(iv)(d). ___

f. ___ The treatment facility has submitted a certification signed by an authorized representative, with each shipment of waste or treatment residue to the land disposal facility, stating that the waste or treatment residue has been treated in compliance with the applicable performance standards (376.4) and the applicable prohibitions (376.3(b) - 376.1(g)(2)(v)). ___

(1) ___ For wastes with treatment standards expressed as concentrations in the waste extract or in the waste (376.4(b) or 376.4(d)), or for wastes prohibited under 376.3(b), which are not subject to any treatment standards under 376.4, the certification contains the statement required in 376.1(g)(2)(v)(a). ___

(2) ___ For wastes with treatment standards expressed as technologies (376.4(c)), the certification contains the statement required in 376.1(g)(2)(v)(b). ___

(3) ___ For wastes with treatment standards expressed as concentrations in the waste (376.4(d)), if compliance with treatment standards is based on non-detectability of organic constituents referred to in 376.4(d)(3), the certification also contains the statement required in 376.1(g)(2)(v)(c). ___

J. **Restricted Wastes Shipped from Treatment or Storage Facilities to[2,3] Treatment, Storage, or Disposal Facilities.**

___ If the waste or treatment residue will be further managed at a different treatment or storage facility, the treatment, storage or disposal facility sending the waste or treatment residue off-site has complied with the notice and certification requirements that apply to generators - 376.1(g)(2)(vi). [Complete Items IV.B-D.] ___

X Violation

X Satisfactory
NA Not Applicable

K. **Recyclable Materials Used in a Manner Constituting Disposal - 376.1.(g)(2)(vii).**[2]

1. ___ With each shipment, where the wastes are recyclable materials used in a manner constituting disposal [374.3(a)(2)], the owner or operator of the recycling facility has submitted a certification and a notice to the Commissioner* - 376.1(g)(2)(vii). [Complete Items IV.I.e.(1) - (4) and (6), and Items IV.I.f. (1) - (3).]

* The owner or operator of the treatment facility (i.e., the recycler) is not required to notify the receiving facility.

2. ___ The owner or operator of the treatment facility (i.e., the recycler) has kept records of the name and location of each entity receiving the hazardous waste-derived product - 376.1(g)(2)(vii).

L. **Requirements for Land Disposal Facilities.**[4]

___ Except for the disposal of any waste that is a recyclable material used in a manner constituting disposal (374.3(a)(2)), the owner or operator of any land disposal facility disposing of any restricted wastes has: - 376.1(g)(3). ___

1. ___ Tested the waste, or an extract of the waste or treatment residue developed using the test method described in Appendix 35 (TCLP), or using any methods required by generators under 376.3(b), to assure that applicable treatment standards (376.4) and all applicable prohibitions (376.3(b)) are complied with. ___

2. ___ Specified the frequency of testing in its waste analysis plan. ___

3. ___ Tested its waste in accordance with the frequency determined by the Commissioner and based on the criteria included in 373-2.2(e) or 373-3.2(d). [Complete Appendix A, Items 2. A-G.] ___

4. ___ Copies of the required notices and certifications. ___

V. <u>Special Rules Regarding Wastes that Exhibit a Characteristic</u>[1**]

A. ___ The initial generator has identified each waste with all applicable waste codes provided in 371.4 (listed wastes) and 371.3 (characteristic wastes) - 376.1(h)(1). ___

B. ___ For each hazardous waste, the initial generator has provided notification of all the treatment standards for any applicable listed and characteristic waste codes - 376.1(h)(2). ___

C. ___ Prior to land disposal, all prohibited wastes which exhibit ___

a characteristic have been treated to the treatment standards provided in 376.4 - 376.1(h)(3).

D. ___ For characteristic hazardous wastes that have been treated and are no longer hazardous, the initial generator or treatment facility has shipped the wastes to a Part 360 facility and sent the notification and certification to the Commissioner* - 376.1(h)(4). ___

* Notification is not required to be sent to the Part 360 facility.

1** This section would also apply to any TSD that is the initial generator of the waste.

1. ___ The notification includes the following information: - 376.1(h)(4)(i). ___

a. ___ The name and address of the Part 360 facility receiving the waste - 376.1(h)(4)(i)(a). ___

b. ___ A description of the waste as initially generated, including the applicable EPA Hazardous Waste Number(s), the applicable wastewater or nonwastewater category, and the subdivisions made within each waste code based on waste-specific criteria - 376.1(h)(4)(i)(b). ___

c. ___ The treatment standards applicable to the waste at the initial point of generation - 376.1(h)(4)(i)(c). ___

2. ___ The certification is signed by an authorized representative and includes the language found in 376.1(g)(2)(v)(a) - 376.1(h)(4)(ii). ___

VI. Prohibitions on Land Disposal[5]

A. **Solvent/Dioxin Wastes.**[5]

___ Unless the wastes meet the treatment standards of 376.4, persons have been granted an exemption from a prohibition pursuant to a petition, or persons have been granted an extension to the effective date of a prohibition, solvent wastes Nos. F001-F005 and dioxin wastes Nos. F020-F023 and F026-F028 (including contaminated soil and debris) are prohibited from land disposal - 376.3(a)(1). X

B. **Prohibited Wastes Found in 376.3(b)(1).**[5]

1. ___ The following wastes are prohibited from land disposal unless they comply with any of the conditions in 2. below: - 376.3(b)(1). ___

X Violation

X Satisfactory
NA Not Applicable

a. ___ Liquid hazardous wastes containing PCB's at concentrations of equal to or greater than 50 ppm - 376.3(b)(1)(i). NA

b. ___ Hazardous wastes containing halogenated organic compounds (HOCs) in concentrations greater than or equal to 1,000 ppm, that are identified as hazardous by a property that does not involve HOCs - 376.3(b)(1)(ii). X

c. ___ Liquid hazardous wastes that contain over 134 mg/l nickel and/or 130 mg/l of thallium - 376.3(b)(1)(iii). NA

2. ___ These wastes may be land disposed provided that: 376.3(b)(2). NA

a. ___ Persons have been granted an exemption from a prohibitions, or - 376.3(b)(2)(i). NA

b. ___ Persons have been granted an extension to the effective date of a prohibition, or - 376.3(b)(2)(ii). NA

c. ___ They meet the applicable treatment standards, or are in compliance with all prohibitions set forth in Part 376 or RCRA section 3004(d) - 376.3(b)(2)(iii). NA

3. ___ The wastes found in 1. above have been subjected to the Paint Filter Liquids Test to determine if they are liquids - 376.3(b)(3). NA

4. ___ The initial generator of a liquid hazardous waste containing PCBs or a liquid or nonliquid hazardous waste containing HOCs has tested the waste (not an extract or filtrate) or used knowledge of the waste to determine if the waste equals or exceeds the specified prohibition levels (50 ppm for PCBs, 1,000 ppm for HOCs) - 376.3(b)(4). NA

C. **Prohibited Wastes Found in 376.3(c) [First, Second, and Third Third[5] Wastes].**

1. ___ The following wastes are prohibited from land disposal unless they meet any of the conditions of 2. below: - 376.3(c). NA

a. ___ All hazardous wastes listed or identified in Parts 376 or 371 which have a disposal prohibition or treatment standard - 376.3(c)(1). NA

X Violation

X Satisfactory
NA Not Applicable

b. ___ Effective 5/8/92, the hazardous wastes identified in Part 376.3(c)(2). NA

c. ___ Effective 5/8/92, hazardous wastes that are mixed radioactive/hazardous wastes, and soil or debris contaminated with these wastes - 376.3(c)(3). NA

d. ___ Effective 5/8/92, hazardous wastes having a treatment standard based on incineration, mercury retorting, and vitrification, acid leaching followed by chemical precipitation, or thermal recovery of metals, and which are contaminated soil or debris - 376.3(c)(4). NA

2. ___ The wastes in 1. above may be land disposed provided that: 376.3(c)(6). NA

a. ___ The wastes meet the applicable treatment standards, or - 376.3(c)(6)i). ___

b. ___ Persons have been granted an exemption from a prohibition, or - 376.3(c)(6)(ii). ___

c. ___ The wastes meet the applicable alternative standards established granted pursuant to a petition, or - 376.3(c)(6)(iii). ___

d. ___ Persons have been granted an extension to the effective date of a prohibition - 376.3(c)(6)(iv). ___

3. ___ The initial generator has tested a representative sample of the waste extract or the entire waste, depending on whether the treatment standards are expressed as concentrations in the waste extract or the waste, or used knowledge of the waste to determine if it exceeds the applicable treatment standards - 376.3(c)(7). NA

VII. Treatment Standards[5]

A. Applicability of Treatment Standards.[5]

1. ___ A restricted waste identified in 376.4(b) (Table CCWE] has been land disposed only when an extract of the waste or the treatment residue does not exceed the value shown in Table CCWE for any hazardous constituent as determined by TCLP, with the following exceptions: D004, D008, K031, K084, K101, K102, P010, P011, P012, P036, P038 and U136 - 376.4(a)(1). NA

2. ___ The individual wastes listed in 1. above have been land disposed only when an extract of the waste or the treatment residue as determined by TCLP or EP-Tox does not exceed the value shown in Table CCWE for any hazardous constituent - 376.4(a)(1)(i). NA

3. ___ A restricted waste that has a specified treatment technology [376.4(c)(1)] has been land disposed only after treatment using that technology or an equivalent treatment method approved by the EPA Administrator - 376.4(a)(2). NA

B. **Treatment Standards Expressed as Constituent Concentrations in Waste Extract.**[5]

1. ___ Table CCWE identified the restricted wastes and the concentration of their associated constituents which may not be exceeded by the extract of a waste or waste treatment residual as determined by either TCLP or EP-Tox as specified in A.1. & 2 above for allowable land disposal* - 376.4(b)(1). NA

* Compliance with these concentrations is required based upon grab samples.

2. ___ If wastes with differing treatment standards for a constituent of concern are combined for purposes of treatment, the treatment residue meets the lowest treatment standard for that constituent - 376.4(b)(2). NA

C. **Treatment Standards Expressed as Specified Technologies.**[5]

1. ___ Any wastes identified in a-d below, Table 2* or Table 3** of 376.4(c) have been treated using the technology or technologies specified in a-d below or in Table 1*** - 376.4(c)(1). ___

* Technology-Based Standards by RCRA Waste Code.

** Technology-Based Standards for Specific Radioactive Hazardous Mixed Waste.

*** Description of Technology-Based Standards and Five-Letter Technology Codes.

a. ___ Liquid hazardous wastes containing PCBs greater than or equal to 50 ppm and less than 500 ppm have been incinerated in accordance with 40 CFR 761.70, or burned in high efficiency boilers in accordance with 40 CFR 761.60* - 376.4(c)(1)(i). NA

b. ___ Liquid hazardous waste containing PCBs greater than 500 ppm have been incinerated in accordance with 40 CFR 761.70* - 376.4(c)(1)(i). NA

* Thermal treatment is also in compliance with all applicable NYS regulations.

c. ___ Hazardous wastes containing halogenated organic compounds in concentrations greater than or equal to 1,000 mg/kg that are prohibited under 376.3(b)(1), have been incinerated** - 376.4(c)(2)(ii). X

** These treatment standards do not apply where the waste is subject to a treatment standard for a specific HOC (such as a hazardous waste chlorinated solvent for which a treatment standard is established).

d. ___ A mixture of wastewater (the discharge of which is subject to regulation under ECL Article 17 or the Clean Water Act) and de minimis losses of materials from manufacturing, which meets the criteria of the D001 ignitable liquids containing greater than 10% organic constituents (TOC) subcategory, has been treated using the DEACT treatment standard - 376.4(c)(1)(iii). NA

2. ___ An alternative treatment method approved by the EPA Administrator has been used in lieu of a standard established in Parts 376.4(c)(1), (3) and (4) - 376.4(c)(2). [Complete Items VII.C.1, 3 & 4.] NA

3. ___ As an alternative to the otherwise applicable 376.4 treatment standards, lab packs have been land disposed provided the following requirements are met: - 376.4(c)(3). NA

a. ___ Lab packs comply with the applicable provisions of 373-2.14(1) and 373-3.14(i); 376.4(c)(3)(i). ___

b. ___ All hazardous wastes contained in lab packs are specified in Appendix 38 or 39 of this title; 376.4(c)(3)(ii). ___

c. ___ The lab packs are incinerated in accordance with the requirements of 373-2.15 and 373-3.15; 376.4(c)(3)(iii). ___

d. ___ Any incinerator residues from lab packs containing D004 - D008, D010, and D011 are treated in compliance with the applicable treatment standards for such wastes - 376.4(c)(3)(iv). ___

X Violation

X Satisfactory
NA Not Applicable

D. **Treatment Standards Expressed as Waste Concentrations.**[5]

1. ___ Table CCW identifies the restricted wastes and the concentrations of their associated constituents of concern which may not be exceeded by the waste or treatment residual (not an extract of either) for allowable land disposal* - 376.4(d)(1). NA

* Compliance with these concentrations is required based upon grab samples, unless otherwise noted in Table CCW.

2. ___ When wastes with differing treatment standards for a constituent of concern have been combined for treatment, the treatment residue meets the lowest treatment standard for that constituent - 376.4(d)(2). NA

3. ___ For organic constituents specified by footnote in Table CCW, the treatment and disposal facility has: - 376.4(d)(3). NA

   a. ___ Certified compliance with the treatment standards, and ___

   b. ___ Satisfactorily demonstrated the following conditions: ___

      (1) ___ The treatment standards for the organic constituents were established based on incineration or based on combustion in fuel substitution units - 376.4(d)(3)(i). ___

      (2) ___ The organic constituents have been treated using the methods specified in (1) above - 376.4(d)(3)(i). ___

      (3) ___ The treatment or disposal facility has been unable to detect the organic constituents despite its best good-faith efforts as defined by applicable Department guidance or standards - 376.4(d)(3)(iii). ___

E. **Variance From a Treatment Standard.**[5]

1. ___ Each petition for a variance from a treatment standard has been submitted to the EPA Administrator in accordance with the procedures outlined in 40 CFR 260.20 - 376.4(e)(2). NA

2. ___ Each petition includes the required certification - 376.4(e)(3). NA

3. ___ A generator, treatment facility or disposal facility that is managing a waste covered by a variance from a treatment standard has complied with the waste analysis requirements for a restricted waste - 376.4(e)(6). NA

4. ___ During the petition review process, the applicant has complied with all restrictions on land disposal - 376.4(e)(7). NA

5. ___ Applications for a site-specific variance must include the information in 40 CFR 260.20(b) - 376.4(e)(9). NA

6. ___ The generator, treatment facility or disposal facility managing a waste covered by a site-specific variance from a treatment standard has complied with the waste analysis requirements for a restricted waste - 376.4(e)(11). NA

7. ___ During the application review process, the applicant has complied with all restrictions on land disposal - 376.4(e)(12). NA

F. **PCB Disposal.**[5]

1. ___ Except for waste B002, all PCB waste not regulated under 376.3(b) has been disposed of in accordance with 40 CFR 761 (TOSCA) - 376.4(f)(1). NA

2. ___ Waste B002, from any source other than a spill, has not been stabilized or mixed with any substance in order to conform with 40 CFR 761 regarding land disposal - 376.4(f)(1)(i). NA

VIII. Prohibition on Storage of Restricted Wastes

A. ___ The storage of hazardous wastes restricted from land disposal is permitted provided that: - 376.5(a)(1). ___

1. ___ The generator has: ___

a. ___ Stored restricted waste in tanks or containers on-site solely for the purpose of the accumulation of such quantities of hazardous waste as necessary to facilitate proper recovery, treatment, or disposal - 376.5(a)(1)(i). X

b. ___ Complied with all storage requirements of 372, 373-1, 373-2, and 373-3. [Complete Inspection Report.] - 376.5(a)(1)(i). X

c. ___ Stored all restricted wastes for 90 days or less - 376.5(a)(1)(i). X SCP

X Violation

X Satisfactory
NA Not Applicable

2. ___ The owner or operator of a hazardous waste treatment, storage, or disposal facility has: ___

a. ___ Only stored restricted wastes in tanks or containers for up to one year solely for the purpose of the accumulation of such quantities as necessary to facilitate proper recovery, treatment or disposal - 376.5(a)(1)(ii). X

b. ___ Clearly marked each container or tank to identify its contents and the date each period of accumulation begins - 376.5(a)(1)(ii)(a). NA

c. ___ Maintained in the operating record the contents and beginning accumulation date for each tank and container - 376.5(a)(1)(ii)(b). NA

d. ___ Complied with all operating record requirements of 373-2.5(c) or 373-3.5(c) - 376.5(a)(1)(ii)(b). [Complete Appendix A Items 11.B.1-20.] - 376.5(a)(1)(ii)(b). NA

3. ___ The transporter has stored manifested shipments of restricted wastes at a transfer facility for 5 days or less - 376.5(a)(1)(iii). NA

4. ___ Liquid hazardous wastes containing PCBs at concentrations greater than or equal to 50 ppm have been stored at facilities that meet the requirements of 371 through 376 and 40 CFR 761.65(b), and have been removed from storage and treated or disposed of as required within one year of the date when such wastes were placed in storage - 376.5(a)(6). NA

B. ___ Unless the Department can prove that such storage was not solely for the purpose of accumulation of such quantities as necessary to facilitate proper recovery, treatment or disposal, the owner/operator of a treatment, storage or disposal facility may store restricted waste for up to one year - 376.5(a)(2). NA

C. ___ The owner/operator of a treatment, storage or disposal facility has stored restricted waste beyond one year and has proven that the storage was solely for the purpose of accumulation of such quantities of hazardous waste as necessary to facilitate proper recovery, treatment, or disposal - 376.5(a)(3). NA

BK Chevrolet

NYD 050 332 444

GENERAL INSTRUCTION
FOR WASTE MINIMIZATION CHECKLIST

I. Legislation and Authority

A. The EPA is given the authority by Congress through the Hazardous and Solid Waste Amendments of 1984 (HSWA) to protect the enviroment by "minimizing the generation of hazardous waste and the land disposal of hazardous waste by encouraging process substitution, material recovery, properly conducted recycling and reuse, and treatment;" (HSWA, sec.1003(a) (6). Through this and other legislative actions, Congress has made clear it's intention that the reduction of hazardous waste is far more desirable than the safe disposal of hazardous waste.

B. HSWA sets forth two basic requirements for generators and treatment, storage and disposal facilities (TSDFs). They are:

1. that hazardous waste generators submit waste minimization reports as part of the biennial reports (3002 (a)(6),

2. that generators certify on the manifest that they have a waste reduction program in place (3005 (h))

II. Pre-inspection procedures:

Review any company documents regarding waste minimization activities conducted by the handlers to be inspected. (PAB files/ permit files if TSD). This should include records of the annual reports (AR) submitted to the states, or the biennual reports submitted to EPA. The AR/BER contain a description of the efforts taken during the year to reduce the toxicity and volume of waste generated, as well as the actual reductions achieved.

TSDF CHECKLIST

The inspector should review a copy of the AR/BER prior to the inspection, and should try to verify the information in the report during his inspection. The following question should be addressed during the inspection.

	YES	NO	N/A
Does the AR/BER include the efforts undertaken during the year to reduce the volume of toxicity of the waste generated?	---	---	---
Does the AR/BER include a description of the changes in volume and toxicity of the wastes actually achieved during the year in comparison to previous years?	---	---	---
Doe these efforts match the information contained in the generator's written or verbally described waste minimization program.			
Is the AR/BER certification signed by the generator or authorized representatives?	---	---	---
264.75/265/75 (h-j) Does the generator treat, store and dispose hazardous waste on site?	---	---	---
If yes to the above question, does the generator submit BERs or ARs to the appropiate regulatory agency?	---	---	---

NA

ANNUAL /BIENNIAL REPORT

262.41	YES	NO	N/A
Has the generator submitted Annual (AR) or Biennual reports (BER) to the appropiate regulatory agency?	___	___	X

The inspector should review these reports prior to the inspection (see above), and should try to verify the information in the report during his/her site inspection. The following questions should be addressed during the inspection.

262.56 (5)			
Does the BER or AR include the efforts undertaken during the year to reduce the volume of toxicity of the wastes generated?	___	___	___
Does the BER or AR include a description of the changes in volume and toxicity of the wastes actually achieved during the year in comparison to previous years?	___	___	___
Do these efforts match the information contained in the generator's written or verbally described waste minimization program.	---	---	---
Is the BER or AR certification signed by the generator or authorized representatives?	___	___	___

INSPECTOR'S MULTI-MEDIA CHECKLIST

Facility Name: BK Chevrolet

Facility Address: 1575 86th st
Brooklyn, New York 11228

Facility ID No.: NYD 050 332 444

Inspector's Name: A. Punter

Inspector's Phone: (908) 563-1100 Division/Branch: TRS - Somerset

Date of Inspection: 12-15-93

Form Revised 1/15/92

INSPECTORS' MULTI-MEDIA CHECKLIST

GENERAL VISUAL CUES OF POSSIBLE NONCOMPLIANCE WARRANTING FURTHER INQUIRY

1. Sloppy housekeeping or poor maintenance in work and storage areas or laboratories.

2. Stains or discoloration of soil, concrete, or floors in work areas.

3. Distressed vegetation - unhealthy, discolored, or dead.

4. Dark smoke or dust clouds, or smoke coming from other than a smoke stack.

5. Unusual odors or strong chemical smells.

6. Sheen on surface waters.

CHECK IT OUT!

1. If you see or hear something suspicious during an inspection, check it out! Ask probing questions:

   - What is it? Is it a waste product?
   - What process produced it?
   - Has it been tested?
   - Where do you normally dispose of it?
   - Do you have a permit for the disposal?
   - How long has the circumstance existed?
   - When did it begin?

2. Pay attention to the situation.

   - Note amount of pollutant that appears to be involved.
   - Note the location.
   - Take notes describing the situation, noting the source of the pollutant and its emission point.
   - Take photographs.

PROGRAM-SPECIFIC QUESTIONS

Refer to program-specific questions in Attachment A appropriate for the facility you are inspecting.

REPORTING POSSIBLE NONCOMPLIANCE

Throughout this checklist, there are YES/NO questions. If you place an answer in a field marked with an asterisk (*), this means you should promptly refer the matter to the appropriate Region II program office. After you return from your inspection, immediately let your supervisor know that you observed possible noncompliance in another program area during your inspection. The information should then be referred to the appropriate Section Chief listed on Attachment B.

UNDERGROUND STORAGE TANKS (UST)

Ask:

1. Does the facility have regulated USTs? ___YES ✓ NO

   [A regulated UST has more than 10% of tank volume, including piping, located underground; and contains petroleum products or hazardous substances (as defined under CERCLA). Note: USTs containing fuel oil for on-site heating are exempt from UST requirements.]

If YES, ask:

2. Are the USTs registered with the State? ___YES ___NO*

3. What kind of petroleum product or hazardous substance does UST contain? _____

4. Is there any evidence of UST leakage/spillage? ___YES* ___NO

5. When was the UST installed? _____

6. All USTs must have leak detection according to the following schedule:

Installation Date	Leak Detection By December of--
Before 1965 or unknown	1989
1965 - 1969	1990
1970 - 1974	1991
1975 - 1979	1992
1980 - Dec. 1988	1993

   All USTs installed after December 1988 must currently be equipped with leak detection.

   Leak detection systems include monitoring wells (water or vapor), automatic tank gauging system, interstitial monitoring, manual tank gauging or inventory control plus tank tightness testing.

7. Is some form of leak detection in use for every UST required (based on above schedule) to have it? ___YES ___NO*

8. Are required records available on-site (e.g., documenting registration and leak detection)? ___YES ___NO*

REFER to program office if you check an answer marked with *.

AIR

Stationary Source Compliance

1. **With sun BEHIND you, observe:** Is opaque smoke being emitted from a smokestack, vent or opening? ___YES* ✓ NO

   ["Opaque smoke" is smoke -- not steam -- dark enough to obscure anything behind the plume for five minutes or more. (Steam dissipates at a given point; smoke trails off.) The sun (if not obscured by clouds) should be in a 140° arc behind the observer. **Please note whether sun was obscured; if sun was not obscured, note the relative positions of the sun, the observer and the emission point observed.**]

2. **If YES, ask:**

   A. Which process or process line is smoke coming from? (Try to be specific, e.g, "Boiler No. 4" or "Coating Line C").

   _____

   B. What is the cause of the smoke emission? E.g.--

      i. Is any air pollution control equipment out of service or turned off while production is ongoing? ___YES ___NO

      ii. **If YES:** When will it be back on line? _____

      iii. Is the facility operating under an unusual load, using different fuels, or process feed materials? ___YES ___NO

   C. Note color of smoke: _____

3. A. Has the facility added any processes or expanded any pre-existing processes in the last two years? ___YES ✓ NO

   B. **If YES:** Did the facility obtain any state or federal air pollution permits for the expansion? ___YES ___NO*

4. A. Does the facility have any coating or printing operations? small body shop does some painting ✓ YES ___NO

   B. **If YES:**

      ii. Are the coatings or inks used: ____water-based or _X_ solvent-based?

      i. If solvent based, are all process lines controlled, or are coating formulations in use which comply with applicable limits? spray painting only ___YES NA ___NO*

      iii. What are the principal solvents or chemical compounds used in process lines? probably acetone - common for this type of paint (Ask for copies of MSDS, if available.) Xylene, Naphtha

REFER to program office if you check an answer marked with *.

AIR, Continued

5. **Observe:** Are there strong solvent odors at the facility?
___YES* ✓NO

7. Does the facility emit any of the following pollutants: mercury, beryllium, lead or asbestos? X YES* ___NO
body shop & paint booths are vented to the outside, [illegible] amounts of lead in paint

8. A. Does the facility emit, or use in its processes, vinyl chloride or benzene? ___YES* ✓NO

   B. **If YES:**

      i. From which process lines?. _____

      ii. Does the facility check for leaks on such process equipment? ___YES ___NO*

9. A. Has the facility undergone any renovations or demolitions during the last 18 months which involved the removal or disturbance of asbestos-containing materials? ___YES ✓NO

If YES:

   B. Approximately how many square feet or linear feet of asbestos-containing materials were removed? _____

   C. If the amount exceeded 260 linear feet, or 160 square feet, ***REFER*** to Air program office; <u>and</u> **Ask:** was EPA notified of removal? ___YES ___NO*

* * * * *

RADIATION

Ask:

1. Are any radioactive materials used or stored at this facility?
___YES ✓NO

2. **If YES,** does the facility have a state or federal radiation license? ___YES ___NO*

REFER to program office if you check an answer marked with *.

WATER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) And PRE-TREATMENT/UNDERGROUND INJECTION CONTROL (UIC)

1. **Observe/Ask:** Does the facility dispose of any wastewater (e.g., from its manufacturing processes, wash water or other industrial wastes)? ___YES ✓NO

2. **If yes:** Does the facility discharge wastewater into a--

   - receiving stream? ___YES ___NO
   - municipal sewer (sanitary or storm) system? ___YES ___NO
   - subsurface disposal system (septic system, drywell or cesspool)? ___YES ___NO

   As applicable, ascertain the name of the stream or sewer system.

3. An NPDES permit is required for discharge to a waterbody; a pretreatment permit is usually issued by the municipality authorizing the discharge to a sanitary sewer system; and a UIC permit is required for subsurface disposal. Does the facility have a permit for each discharge? ___YES NA ___NO*

4. Does the facility treat wastewater prior to discharge? ___YES NA ___NO

5. **Observe:**

   a. Is the effluent from the wastewater treatment facilities clear and free of solids? ___YES NA ___NO*

   b. Is equipment clean and well maintained? ___YES ___NO*

   c. Are there any unusual odors? ___YES* ___NO

6. **Ask:** Is the effluent currently in compliance with the limitations established in the permit, or the terms of an administrative or judicial compliance order? ___YES ___NO*

REFER to program office if you check an answer marked with *.

NPDES and UIC, Continued

7. **Observe/Ask:**

   a. How are waste fluids disposed of?

   b. Does the facility have floor or storm drains? ✓ YES ___ NO

   If YES:

   Is there fluid in the drains? Is there evidence (staining, etc.) of fluid entering drains? Are storm drains situated so that they could receive spills from truck loading accidents, etc?

   c. Does the facility operator indicate, or is there any evidence that any wastewater, or wastes/spills go into drains?
   ___ YES* ✓ NO

PUBLIC WATER SUPPLY

1. **Observe/Ask:** Does the facility have its own water supply (i.e., a well)?
   ___ YES ✓ NO

2. **If YES:** Does the facility provide potable water for 25 or more persons?
   ___ YES ✓ NO

3. **If YES:** Is the facility sampling and analyzing for contaminants in its water supply and reporting the results to the state?
   ___ YES ___ NO*

REFER to program office if you check an answer marked with *.

EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT (EPCRA)

EMERGENCY PLANNING and COMMUNITY RIGHT TO KNOW

ASK:

1. A. Does the facility have present any of the 360 "Extremely Hazardous Substances" in excess of established threshold planning quantities? ___YES ✓NO

   [Threshold planning quantities are established by regulation, vary by chemical, and range from 1 lb. to 5000 lbs.]

   B. If YES: Was the State Emergency Response Commission (SERC) and Local Emergency Planning Committee (LEPC) notified of their presence for local planning purposes? ___YES ___NO*

2. A. Has the facility had a release of an Extremely Hazardous Substance or a CERCLA hazardous substance in excess of the Superfund reportable quantity? ___YES* ✓NO

   [Reportable quantities vary by substance, ranging from 1 lb. to 5000 lbs. For the purpose of this checklist, assume 1 lb.]

   B. If YES: Was notification of the release provided? ___YES ___NO*

   C. If YES:

      i. To whom was the notification given?

      ii. Was notification oral or written?

      iii. If oral, was a written, follow-up report submitted? ___YES ___NO*

      [If facility cannot identify to whom notification was given, cannot specify whether notification was written or oral, or is not certain whether oral notification was followed by a written follow-up report, *REFER*.]

3. A. Does the facility have on site Material Safety Data Sheets (MSDS) for all hazardous chemicals used, as required under OSHA's Hazard Communication Standard? ✓YES ___NO*

   B. If any hazardous chemicals are present in excess of 10,000 lbs., or Extremely Hazardous Substances are present in excess of the threshold planning quantities, have the MSDS (or a list of MSDS), along with chemical inventory forms, been submitted to state and local emergency planning authorities and the local fire department? ___YES NA ___NO*

REFER to program office if you check an answer marked with *.

EPCRA, Continued

TOXIC RELEASE INVENTORY (TRI)

Ask:

1. Does the facility have 10 or more full-time employees?
   40 ✓ YES ___ NO

2. Is the facility classified under SIC codes 20 through 39?
   ✓ YES ___ NO

   If the response to either 1. or 2. is "NO," no further questions are required.

3. **If both 1. and 2. are YES:**

   Did the facility use more than 10,000 lbs. of a chemical during a previous calendar year (starting with 1987). ___ YES ✓ NO

4. **If YES:**

   Did the facility file a Section 313 Toxic Chemical Release Inventory Form R for the chemical? ___ YES ___ NO*

For more EPCRA information, call 1-800-535-0202; or the Region II program offices for EPCRA-Emergency Planning and Community Right To Know at 908-321-6194 or for EPCRA-Toxic Release Inventory at 908-906-6890.

REFER to program office if you check an answer marked with *.

TOXIC SUBSTANCES CONTROL ACT (TSCA)

Ask:

1. A. Does the facility use electrical equipment that contains polychlorinated biphenyls (PCBs) (excluding small capacitors and florescent light ballasts)? ___YES* ✓ NO

   B. **IF YES:**

   i. How many oil filled electrical transformers does the facility have?

   ii. How many PCB Transformers does the facility have (transformers which contain PCBs at concentrations of 500 ppm or greater)?

2. A. Does the facility have any high temperature hydraulic systems? ___YES ✓ NO

   B. **If YES:**

   i. Have PCBs ever been used in these systems? ___YES* ___NO

   ii. What is the current PCB concentration in these systems?

3. A. Does the facility have any oil filled heat transfer systems? ___YES ✓ NO

   B. **If YES:**

   i. Have PCBs ever been used in these systems? NA ___YES* ___NO

   ii. What is the current PCB concentration in these systems?

4. A. **OBSERVE** PCB Items (transformers, capacitors, containers)

   - Are any leaking? ___YES* NA ___NO
   - Do all have a PCB label? ___YES ___NO*

5. A. **ASK:** Does the facility have a PCB storage for disposal area? ___YES* ✓ NO

   B. **If YES, OBSERVE** the PCB storage area. Does it have --

   - PCBs stored for disposal in it? ___YES* ___NO
   - a roof and walls to keep out rain? ___YES ___NO*
   - a 6" high impervious containment berm? ___YES ___NO*
   - a PCB label? ___YES ___NO*
   - Is it in the 100-year flood plain? ___YES* ___NO
   - Do all items show the date "removed from service for disposal"? ___YES ___NO*

REFER to program office if you check an answer marked with *.

TSCA, Continued

6. ASK: Does the facility manufacture or import into the United States "new commercial chemicals" [i.e., chemicals which were not previously manufactured in or imported into the United States]?
___YES* ✓NO

[Note: Specific information on such chemicals is protected by TSCA as Confidential Business Information, and should not be obtained.]

For further TSCA information, call the TSCA Assistance Office in Washington at 202-554-1404 or the Region II TSCA program office at 908-321-6759.

* * * * *

SPILL PREVENTION, CONTROL AND COUNTERMEASURE (SPCC)

Ask:

1. A. Does the facility store oil? ✓YES ___NO

[Note that oil is not limited to petroleum products; for example, vegetable oil is covered.]

B. If YES, does the storage capacity exceed --

i. 660 gallons in any one above-ground tank? ___YES ✓NO
ii. 1320 gallons in all above-ground tanks? ✓YES ___NO
iii. 42,000 gallons in underground tank(s)? ___YES ✓NO
total of 4,000 gallons in 4 tanks

2. If the answer to any part of #1. B. was YES, does the facility have a Spill Prevention, Control, and Countermeasure (SPCC) Plan?
No written plan, but there is secondary containment around the tank per NYC regulations ___YES ✓NO*

3. Did the facility have an oil spill within the last 12 months?
___YES* ✓NO

REFER to program office if you check an answer marked with *.

WETLANDS

1. **Observe:**

   A. Are there any wet areas (i.e., marshes, swamps, bogs) on or adjacent to the site, with or without wetlands-type vegetation such as cattails, rushes, or sedges? ___YES ✓NO

   [Sketches of several common wetlands plants are attached. Note that there need not be standing water in order for an area to be designated a federal wetland; and some wetlands have shrubs and trees present.]

   B. Are there any waterbodies or waterways on or adjacent to the site? ___YES ✓NO

2. If answer to # 1. A or B was "YES," is there any work (clearing, filling, dredging, ditching, construction on or over the area, etc.) being conducted in these areas, or is there any evidence that such activities have occurred very recently? ___YES ___NO

3. **If YES:**

   A. When was the work undertaken? _____

   B. Does the facility have any permits for this work? ___YES ___NO*

4. **If YES:**

   A. What agency(s) issued such permits? _____ (E.g., U.S. Army Corps of Engineers; State environmental agency.)

   B. For any federal permits, what specific type of permits are they (i.e., nationwide, regional, individual)? _____

   _____

If facility is unable to provide adequate information in response to # 4., ***REFER*** to program office.

REFER to program office if you check an answer marked with *.

Scirpus cyperinus L. Kunth
Wool-grass or Woolly Sedge

Range. Newfoundland to Saskatchewan, south to North Carolina and Oklahoma
Habitat. Marshes, wet meadows, and ditches.
General characteristics. Plants up to 5 feet tall, growing in small groups, stem with long, narrow, rigid leaves, flowers crowded into small, oval, woolly spikelets in loose, drooping clusters at the tip of the stem.
Stem. Upright, bluntly triangular, up to ½-inch thick, from a fibrous rooted base.
Leaves. Stem leaves up to 18 inches long and ¼-inch wide, those immediately below the flower clusters three to five, sheaths closed except at summit.
Inflorescence. Flowers incompicuous in the axils of the overlapping scales of the brownish spikelets, spikelets in clusters of six to twelve at the ends of long, somewhat drooping branches; flower cluster up to 15 inches long, much-branched, flowering during August–September.
Fruit. A whitish, seed-like nutlet with bristles much longer than the scales attached to the base; the bristles impart the woolly appearance to the spikelets

Carex lurida Wahlenb.
Sedge

Range. Nova Scotia to Minnesota, south to Florida and Mexico.
Habitat. Wet meadows, marshes, ditches, edges of pools and ponds.
General characteristics. Plants up to 3 feet tall, generally growing in dense clumps, stems bearing several long, narrow leaves with rough surfaces, male and female flowers in separate spikes, the latter in the axils of the uppermost leaves.
Stem. Sharply three-angled and smooth, from a fibrous rooted base.
Leaves. Up to 10 inches long and ¼-inch wide, those immediately below the flower clusters resembling the stem leaves, leaf sheath with a ligule at the junction of the blade, closed except at summit.
Inflorescence. Flowers in the axils of scales with long tips and aggregated in spikes, the male spike single, erect at the top of the stem, soon withering, female spikes two to four, thick-cylindrical, up to 2½ inches long and ¾-inch thick, sessile or short-stalked, erect or somewhat drooping, very densely flowered; flowering during June–July.
Fruit. A brown, seed-like nutlet enclosed in an inflated sac (the perigynium).

JUNCACEAE
Rush Family
Juncus effusus L.
Soft Rush

Range. Throughout southern Canada and the United States.
Habitat. Wet meadows, marshes, edges of ponds and bogs, shallow water.
General characteristics. Grass-like plants up to 5 feet tall, apparently leafless, in tussocks of up to several hundred stems, flowers in loose clusters borne on the side of the stem up to one third of the way down from the tip.
Stem. Upright, soft and green, finely striate, arising from a most extensive bodies among the tussocks.
Leaves. Without blades, represented by sheaths at the base of the stem.
Inflorescence. Flowers small and greenish to brown with three scale-like pointed sepals and three similar petals, numerous, flower clusters with many forking branches of variable lengths, the flowers at the tips of the smaller branches, flowering during July–August
Fruit. A brownish capsule with three partitions containing many seeds.
Commonly confused species. *Scirpus* spp. Bulrushes, rushes may be distinguished from bulrushes by the fact that the former consist of capsules in the former group and nutlets in the axils of spikelet scales in the latter group.
Similar species. *Juncus ensifolius*, *J. filiformis*, *J. balticus*, *J. stygius*, *J. repens*, *J. marginatus*, *J. brifonus*, *J. nodosus*, *J. scirpoides*, *J. brachycarpus*, *J. brevicaudatus*, *J. brachycephalus*, *J. acuminatus*, *J. debilis*, *J. militaris*, *J. articulatus*, *J. pelocarpus*, *J. tenuis*.

Attachment B

REGION II MEDIA PROGRAM SECTION CHIEFS (and Alternate Contacts)

RCRA: Joel Golumbek (NJ, Caribbean), 264-2638
John Gorman (NY), 264-2621

AIR (Except Asbestos): Karl Mangels (NY), 264-6684
Jehuda Menczel (NJ, Caribbean), 264-6680

AIR/ASBESTOS: Robert Fitzpatrict, 264-6770

UST: Dit Fai Cheung, 264-6069

TSCA: Dan Kraft, 340-6669
Dave Greenlaw, 340-6817

EPCRA: For Toxic Release Inventory: Dan Kraft, 340-6669
Nora Lopez, 340-6890

For Emergency Planning & Community Right-to-Know:
John Higgins, 340-6194

SPCC: Doug Kodama, 340-6905

Federal Facilities: John Fillipelli, 264-6723

NPDES and Pretreatment: John Kushwara, 264-9878

UIC: Frank Brock, 264-1547

Public Water Supply: Robert Williams, 2164-3409

Wetlands: Daniel Montella, 264-5170

Removal Actions: Richard Salkie, 340-6658
Bruce Sprague, 340-6656
John Witkowski, 340-6991

Radiation: Paul Giardina, 264-4110
Mindy Pensak, 264-4418
Florie Caporuscio, 264-0503

Section Chiefs should contact their appropriate counterpart(s) on the above list concerning potential violations.

BK Chevrolet

NYD 050 332 444

TOXICITY CHARACTERISTIC ("TC") INSPECTION CHECKLIST

1. Does the facility generate waste exceeding the regulatory level for any constituent listed in Table I-TC?

   Yes ✓ No____

   If no this checklist need not be completed.

2. Was the facility's waste(s) considered hazardous prior to the promulgation of the new TC requirement?

   Yes ✓ No____

   If No, proceed to question number 3.

   a) Does the generator determine and list on its manifests all of it's waste(s) TC characteristics?

   Yes ✓ No____

   Comments _____

   b) If the generator is also a TSD, has the owner or operator submitted a revised Part A permit application or if permitted, a permit modification request indicating the new hazardous constituent(s) found in their waste(s)? NA

   Yes____ No____

3. Is the waste properly managed as a hazardous waste?

   Yes ✓ No____

   If No, this is a high priority violation. Be sure to obtain a detailed description of the waste's final disposition.

   Comments _____

   a) If the generator is also a TSD, has the owner or operator submitted a revised Part A permit application or if permitted, a permit modification request for the previously unregulated waste which has become hazardous as a result of the TC Rule? NA

   Yes____ No____

EFFECTIVE DATES FOR COMPLIANCE WITH TC REQUIREMENTS

Generators of ≥1,000 kg/mo. of hazardous waste	9/25/90
Generators of <1,000 kg/mo. of hazardous waste	3/29/91

CHEVROLET

BK CHEVROLET, INC.

NYC DEPT. OF CONSUMER AFFAIRS #453371

1575 86th STREET • BROOKLYN, NEW YORK 11228
718 • 232-0200 718 • 232-5900

12/20/93.

STEVEN E. PANTER,

AS PER YOUR REQUEST ENCLOSED ARE THE MSDS DATA SHEETS.

BORIS KOTLER.

GM

MSDS Addendum

DUPONT

January 1, 1993

VOC DATA SHEET

NOTE: All system Volatile Organic Compound (VOC) amounts are for Ready To Spray (RTS) mixures which result when the system products are combined in the recommended volume ratios. The VOC amount (less water and exempt solvents) is given in pounds of VOC per gallon. The information for Variprime is fully labeled as an example. The remaining blocks follow the same pattern. The maximum VOC amounts shown are calculated using the highest VOC solvents available in each system. For VOC regulated areas, refer to the local VOC systems chart for more specific information on compliant products and usage instructions.

I. UNDERCOATS

Variprime® Self Etching Primer:
Products Combined: 615S, 616S or 620S
Volume Mix Ratio: 1:1
Ready To Spray (RTS) VOC: 5.9 lbs./gallon

Variprime® Self Etching Primer:
(for Rule 1151)
Products Combined: 615S, 616S, V3609S
Volume Mix Ratio: 1:2:2.5
Ready To Spray (RTS) VOC: 6.3 lbs./gallon

Corlar® Epoxy Primer:
Products: 824S, 826S, 3602S
Mix Ratio: 10:5:3
RTS VOC: 4.8
Products: 825S, 826S, 3602S
Mix Ratio: 10:5:3
RTS VOC: 4.7

Corlar® Epoxy Primer:(for low VOC areas)
Products: 824S, 826S, V 3602S
Mix Ratio: 10:5:3
RTS VOC: 4.7
Products: 825S, 826S, V-3602S
Mix Ratio: 10:5:3
RTS VOC: 4.7

2085S Corrosion Inhibiting Primer:
Products: 2085S, 3812S or Y3812S
Mix Ratio: 4:1
RTS VOC: 5.1

URO® Primer Filler:
Products: 1120S or 1140S, 1125S, 1130S or 1135S
Mix Ratio: 4:1:2
RTS VOC: 4.9

Low VOC Uro® Primer:(for low VOC areas)
Products: 1320S, 193S
Mix Ratio: 3:1
RTS VOC: 2.5

30S, 70S & 80S Nitrocellulose Lacquer:
Products: 30S (or 70S or 80S), 3608S
Mix Ratio: 2:3
RTS VOC: 5.7

30S, 70S & 80S Nitrocellulose Lacquer:
(for low VOC areas)
Products: 30S (or 70S or 80S), V-3608S
Mix Ratio: 2:3
RTS VOC: 5.7

110S Acrylic Lacquer:
Products: 110S, 3602S
Mix Ratio: 1:1
RTS VOC: 5.8

110S Acrylic Lacquer:(for low VOC areas)
Products: 110S, V-3602S
Mix Ratio: 1:1
RTS VOC: 5.8

131S & 181S Fill 'N Sand Acrylic Primer Surfacer:
Products: 131S (or 181S), 3661S
Mix Ratio: 1:1
RTS VOC: 5.6

131S & 181S Fill 'N Sand Acrylic Primer Surfacer:(for low VOC areas)
Products: 131S (or 181S), V-3661S
Mix Ratio: 1:1
RTS VOC: 5.5

Waterborne Primer Surfacer:
Products: 210S
Ready To Spray
RTS VOC: 1.9

2K Waterborne Primer-Filler: (for low VOC areas)
Products: 275S, 295S
Mix Ratio: 2:1
RTS VOC: 2.0

Preparakote® Alkyd Enamel:
Products: 3010S, 3832S
Mix Ratio: 2:1
RTS VOC: 5.1
Products: 3012S, 3832S
Mix Ratio: 2:1
RTS VOC: 4.9
Products: 3055S, 3832S
Mix Ratio: 2:1
RTS VOC: 5.0

Preparakote® Alkyd Enamel:
(for Rule 66)
Products: 3010S, Y-3832S
Mix Ratio: 2:1
RTS VOC: 4.9
Products: 3012S, Y-3832S
Mix Ratio: 2:1
RTS VOC: 4.7
Products: 3065S, Y-3832S
Mix Ratio: 2:1
RTS VOC: 4.8

Tufcote Primer
Products:1855S, 1856S, 1857S
Mix Ratio: Ready to spray
RTS VOC: 3.5

Non-Sanding Enamel Primer Sealer:
Products: 1695S (or 1696S or 1697S), 3812S
Mix Ratio: 8:1
RTS VOC: 4.7
Products: 1858S, 3812S
Mix Ratio: 8:1
RTS VOC: 4.5

Non-Sanding Enamel Primer Sealer:
(for Rule 66)
Products: 1695S (or 1696S or 1697S), Y-3812S
Mix Ratio: 8:1
RTS VOC: 4.7
Products: 1858S, Y-3812S
Mix Ratio: 8:1
RTS VOC: 4.5

Velvaseal® WPS
Waterborne Primer Sealer:(for low VOC areas)
Products: 2120S
READY TO SPRAY
RTS VOC: 2.0
Products: 2125S
READY TO SPRAY
RTS VOC: 1.9

Prime 'N Seal:
Products: 2600S or 2610S, 2603S
Mix Ratio: 1:1
RTS VOC: 5.2

9140S Sealer:
Products: 9140S, 9145S
Mix Ratio: 1:1
RTS VOC: 4.6

Other sealers are packaged ready to spray.
Look up desired stock code under Staple Items.

II. TOPCOATS

Dulux®:
Products: Topcoat, 3864S
Mix Ratio: 4:1
RTS VOC: 5.1

Dulux®:(for Rule 66 & low VOC areas)
Products: Topcoat, Y-3864S
Mix Ratio: 4:1
RTS VOC: 5.0

MSDS NO. WB RS

MATERIAL SAFETY DATA SHEET
WATERBORNE PRODUCTS

January 1, 1993

Section I - Manufacturer

Manufacturer:

E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:

Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300 (CHEMTREC)

Product: Waterborne Undercoats (210S, 275S, 285S, 2120S and 2125S).

D.O.T Hazard Class: Not Regulated

Shipping Name: Paint UN 1263

Hazardous Materials Information: (See Section X for ratings listed by product code)

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	CAS No.	Vapor Pressure (20°C.)	Exposure Limits *
1. Acrylic polymer	None	None	None-A,O
2. Bisphenol A/ - epoxy, phenolic resin	68334-78-9	None	None-A,O
3. Bisphenol- epichlorohydrin type polymer	25068-38-6	None	None-A,O
4. Dipropylene glycol monobutyl ether	29911-28-2	Unknown	None-A,O
5. Ethylene glycol Monobutyl ether	111-76-2	0.6	25 ppm-A,O SKIN 10 ppm-D SKIN
6. Hydrous magnesium silicate	14807-96-6	None	2 mg/m^3-A,O Resp
7. Kaolin	58425-85-8	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
8. Methyl alcohol	67-56-1	100	200 ppm-A,O SKIN 250 ppm-O Skin 15 min(STEL) 250 ppm-A 15 min(STEL)
9. n-Butoxypropanol	5131-66-8	0.6	None-A,O
10. Polyethylene Amine Mixture	None	None	25 ppm-S None-A,O
11. Silica alumina ceramic	None	None	15 mg/m^3-O 5 mg/m^3-O Resp None-A
12. Titanium dioxide	13463-67-7	None	10 mg/m^3-A,O; 5 mg/m^3-O Resp
13. Water	7732-18-5	23.6	None-A,O
14. Wollastonite	13983-17-0	None	10 mg/m^3-A 15 mg/m^3-O; 5 mg/m^3-O Resp
15. Zinc phosphate	None	None	10 mg/m^3-A 15 mg/m^3-O; 5 mg/m^3-O Resp
16. 2-Hexyloxyethanol	112-25-4	Unknown	None-A,O
17. 2-Propoxyethanol	2807-30-9	1.3	25 ppm-S SKIN None-A,O

A = ACGIH TLV; O = OSHA; D = DuPont internal limit; S = Supplier Furnished limit; STEL = Short Term Exposure Limit; C = Ceiling.

Section III - Physical Data

Evaporation rate: LESS THAN ETHER
Vapor Density: HEAVIER THAN AIR
Solubility in water: MISCIBLE
Percent volatile by volume: 61% - 76%
Percent volatile by weight: 46% - 61%
Boiling range: 63°C- 232°C/145°F- 450°F
Gallon weight: 9.09 - 10.93 lbs./gallon

Section IV - Fire and Explosion Data

Flash point (closed cup): 275S: greater than 200°F; 285S: greater than 140°F; All others: greater than 100°F.

Flammable limits: 1.1%- 36.5%

Extinguishing media: Water spray, foam, carbon dioxide, dry chemical.

Special fire fighting procedures: Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fog nozzles may be used to cool closed containers to prevent pressure build up.

Unusual fire & explosion hazards: When heated above the flash point, emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

Section V - Health Hazard Data

General effects

Ingestion: Gastrointestinal distress. In the unlikely event of ingestion, call a physician immediately and have the names of ingredients available.

Inhalation: May cause nose and throat irritation. Repeated and prolonged overexposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. If affected by inhalation of vapor or spray mist, remove to fresh air. If breathing difficulty persists, or occurs later, consult a physician.

Skin or eye contact: May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis. In case of eye contact, immediately flush with plenty of water for at least 15 minutes; call a physician. In case of skin contact, wash with soap and water. If irritation occurs, contact a physician.

Specific Effects:

Acrylic polymer: Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis. **Bisphenol-epichlorohydrin type polymer:** Repeated exposure may cause allergic skin rash, itching, swelling. **Ethylene glycol monobutyl ether:** Can be absorbed through the skin in harmful amounts. May cause injury to the kidneys, liver, blood and/or bone marrow. Repeated overexposure may result in damage to the blood. Eye contact may cause corneal injury. Has been toxic to the fetus in laboratory animals at doses that are toxic to the mother. **Hydrous magnesium silicate (Talc):** Repeated and prolonged overexposure to talc may lead to typical X-ray changes and chronic lung disease. **Methyl alcohol:** Excessive human exposure to methanol may lead to fatigue, headache, anaesthetic, neurologic effects, and visual difficulties including blindness or death. Recurrent overexposure may result in

MSDS NO. VOC-1 RS

MATERIAL SAFETY DATA SHEET

January 1, 1993

VOC PRODUCTS

Section I - Manufacturer

Manufacturer:

E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:

Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300
(CHEMTREC)

Product: Low VOC Primers, Thinners, Basemakers, Clears and Activators (275S, 280S, 285S, 480S, 680S, 682S, 1851C, 1861C, 3949S, 6800S, 6875S, 6885S, 7544S, 7644S, V195S, V3602S, V3608S, V3613S, V3661S, V3696S, V7160S, V7175S, V7185S, V8022S, V8034S, V8093S, V8096S, V8365S, V8375S, V8575S, V8585S, V8595S, V9355S, V9365S, V9375S, V9385S, V9465S, V9475S, V9485S, V9495S)

D.O.T Hazard Class: 275S, 285S: Not regulated;
All others: Flammable Liquid

Shipping Name: 628S, 6875S, 6885S, V195S: Driers ,paint, liquid, N.O.S. UN1168; 6800S, 7544S, 7644S: Resin Solution UN 1866; All others: Paint UN 1263

Hazardous Materials Information: 210S: H = 1, F = 1, R = 0;
682S, V195S: H = 3, F = 3, R = 1;
All others: H = 2, F = 3, R = 0

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	*CAS No.*	*Vapor Pressure (20°C.)*	*Exposure Limits **
1. Acetic acid ester	90438-79-2	None	None-A,O
2. Acetone	67-64-1	184	750 ppm-A,O 1000 ppm-A,O 15 min (STEL)
3. Acrylic resin	9011-14-7	None	None-A,O
4. Acrylic resin	None	None	None-A,O
5. Aliphatic hydrocarbon/ aliphatic ester/ surfactant	None	0.2	None-A,O
6. Aliphatic polyisocyanate resin	28182-81-2	None	0.5 mg/m^3-S 1 mg/m^3-S 15 min (STEL) None-A,O
7. Aromatic hydrocarbon	64742-95-6	10	25 ppm-A,O Trimethyl benzene
8. Beta-(3-(2H-benzotriazol- 2-yl)-4-hydroxy- 5-tert-butylphenyl) propionate	None	None	None-A,O
9. Bis(1-2,2,5,6- pentamethyl-4- piperdinyl) sebacate	41556-26-7	6.0	None-A,O
10. Bisphenol A/ - epoxy, phenolic resin	68334-76-9	None	None-A,O
11. Bisphenol- epichlorohydrin type polymer	25068-38-6	None	None-A,O
12. Butyl acetate	123-86-4	6	150 ppm-A,O 200 ppm-A,O 15 min (STEL)
13. Butyl benzyl phthalate	85-68-7	0.8	5.0 mg/m^3-D None-A,O
14. Cellulose acetate butyrate	9004-36-8	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
15. Diacetone alcohol	123-42-2	1.1	50 ppm-A,O
16. Diethylene glycol monobutyl ether	112-34-5	0.1	5 ppm-D None-A,O
17. Diisobutyl ketone	108-83-8	1.7	25 ppm-A,O
18. Ethyl acetate	141-78-6	76	400 ppm-A,O
19. Ethyl 3-ethoxy propionate	763-69-9	Unknown	None-A,O
20. Ethylbenzene	100-41-4	7	100 ppm-A,O 125 ppm-A,O 15 min (STEL)
21. Ethylene glycol monobutyl ether acetate	112-07-2	0.3	20 ppm-D SKIN None-A,O
22. Ethylene glycol monobutyl ether	112-07-2	0.6	25 ppm-A,O SKIN 10 ppm-D SKIN
23. Heptane	142-82-5	40	400 ppm-A,O 500 ppm-A,O 15 min(STEL)
24. Hexyl acetate isomers	88230-35-7	0.7	50 ppm-A,O
25. Hindered Amine	None	None	None-A,O
26. Hydrous magnesium silicate	14807-96-6	None	2 mg/m^3-A,O Respirable
27. Isobutyl alcohol	78-83-1	10	50 ppm-A,O
28. Isopropyl alcohol	67-63-0	33	400 ppm-A,O; 500 ppm-A,O 15 min(STEL)
29. Medium mineral spirits	64742-88-7	None	100 ppm-D None-A,O
30. Melamine resin	None	None	None-A,O
31. Methyl alcohol	67-56-1	100	200 ppm-A,O SKIN 250 ppm-O Skin 15 min(STEL) 250 ppm-A 15 min(STEL)
32. Methyl amyl ketone	110-43-0	2.2	50 ppm-A 100 ppm-O
33. Methyl ethyl ketone	78-93-3	71	200 ppm-A,O 300 ppm-A,O 15 min (STEL)
34. Methyl isoamyl ketone	110-12-3	4.5	50 ppm-A,O
35. Methyl isobutyl carbinol	108-11-2	2.2	25 ppm-A,O SKIN; 40 ppm-A,O 15 min(STEL)
36. Methyl isobutyl ketone	108-10-1	15	50 ppm-A,O 75 ppm-A,O 15 min(STEL)
37. Mixed dibasic esters	None	0.2	10 mg/m^3-D None-A,O
38. n-Butoxypropanol	5131-66-8	0.6	None-A,O
39. N-butyl alcohol	71-36-3	5.5	50 ppm-A,O C SKIN 25 ppm-D 50 ppm-D 15 min. TWA
40. Polyester	None	None	None-A,O
41. Polyester resin	None	None	None-A,O
42. Polyethylene amine mixture	None	None	25 ppm-S None-A,O

MSDS NO. 23 RS

MATERIAL SAFETY DATA SHEET

January 1, 1993

CENTARI® 5000 ENAMEL

Section I - Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300 (CHEMTREC)

Product: Centari® 5000 Enamel
D.O.T Hazard Class: Flammable Liquid,
Shipping Classification: Paint UN 1263
Hazardous Materials Information: See Section X for ratings listed by product code.

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	*CAS No.*	*Vapor Pressure (20°C.)*	*Exposure Limits **
1. Acetic acid ester	90438-79-2	None	None-A,O
2. Acrylic resin	70942-12-0	None	None-A,O
3. Aliphatic polymeric isocyanate	3779-63-3	None	1 mg/m^3-S None-A,O 0.5 mg/m^3-S 8 hour TWA
4. Aluminum	7429-90-5	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
5. Anthraquinone pigment	None	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
6. Aromatic hydrocarbon	64742-95-6	10	25 ppm-A,O Trimethyl benzene
7. Barium sulfate	7727-43-7	None	10 mg/m^3-A,O 5 mg/m^3-O Resp
8. Basic nickel carbonate	12607-70-4	None	50 µg/m^3-A Nickel 1 mg/m^3-O
9. Bis(1-2,2,5,6- pentamethyl-4- piperdinyl) sebacate	41556-26-7	6.0	None-A,O
10. Butyl acetate	123-86-4	8	150 ppm A,O 200 ppm-A,O 15 min (STEL)
11. Calcium carbonate	471-34-1	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
12. Carbon black	1333-86-4	None	3.5 mg/m^3-A,O
13. Dibutyl tin dilaurate	77-58-7	0.2	0.1 mg/m3-A,O Skin as Sn
14. Diketopyrrolopyrrol red pigment	None	None	None-A,O
15. Dioxazine carbozole pigment	4378-61-4	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
16. Ethyl acetate	141-78-6	76	400 ppm-A,O
17. Ethylene glycol monobutyl ether acetate	112-07-2	0.3	20 ppm-D SKIN None-A,O
18. Ferric ferrocyanide pigment	None	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
19. Heptane	142-82-5	40	400 ppm-A,O 500 ppm-A,O 15 min(STEL)
20. Hydrous magnesium silicate	14807 96 6	None	2 mg/m^3-A,O Resp
21. Iron oxide	1309-37-1	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
22. Isoindolinone pigment	36888-99-0	None	10 mg/m^3 A 15 mg/m^3 O
23. Isopropyl alcohol	67-63-0	33	400 ppm-A,O 500 ppm-A,O 15 min(STEL)
24. Kaolin	58425-86-8	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
25. Lead chromate	18454-12-1	None	50 µg/m3-A,O Pb 12 µg/m3-A Cr; 50 µmg/m3-O Cr
26. Lead chromate molybdate	12656-85-8	None	50 µg/m3-A,O Pb 12 µg/m3-A Cr; 50 µg/m3-O Cr
27. Medium mineral spirits	64742-88-7	None	100 ppm D None-A,O
28. Methyl amyl ketone	110-43-0	2.2	50 ppm-A 100 ppm-O
29. Methyl ethyl ketone	78-93-3	71	200 ppm-A,O; 300 ppm-A,O 15 min(STEL)
30. Monoazo pigment	12236-62-3	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
31. N-butyl alcohol	71-36-3	5.5	50 ppm-A,O C SKIN 25 ppm-D 50 ppm-D 15 min. TWA
32. Nickel octoate	7580-31-6	NONE	50 µg/m3-A Ni 1 mg/m3-O Ni
33. Nickel rutile	8007-18-9	None	0.5 mg/m3-A,O (SB) 50 µg/m3-A Nickel
34. Nickel, Antimony, Titanium Yellow Pigment	8007-18-9	None	0.5 mg/m3-A,O (SB) 50 mg/m3-A Nickel
35. Organoclay	68911-87-5	None	None-A,O
36. Perylene pigment	128-69-8	None	10 mg/m^3-A 15 mg/m^3 O 5 mg/m^3-O Resp

MSDS NO. 22 RS

MATERIAL SAFETY DATA SHEET

January 1, 1993

IMRON® 6000 BASECOAT/CLEARCOAT

Section I - Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300 (CHEMTREC)

Product: Imron® 6000 Polyurethane Enamel
D.O.T Hazard Class: Flammable Liquid
Shipping Name: Paint UN 1263
Hazardous Materials Information: See Section X for ratings listed by product code.

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	*CAS No.*	*Vapor Pressure (20oC.)*	*Exposure Limits **
1. Acrylic resin	25067-83-8	None	None-A,O
2. Aliphatic polyisocyanate resin	28182-81-2	None	1 mg/m3-S None-A,O
3. Aliphatic polymeric isocyanate	3779-63-3	None	0.5 mg/m3-S 1.0 mg/m3-S 15 min (STEL) None - A,O
4. Aluminum	7429-90-5	None	10 mg/m3-A 15 mg/m3-O 5 mg/m3-O Resp
5. Amorphous silica	92797-60-9	n/app	0.2 mg/m3-A Resp 15.0 mg/m^3-O 5.0 mg/m3 -O Resp 1.0 mg/m3 -A 15 min (STEL)
6. Anthraquinone pigment	None	None	10 mg/m3- 15 mg/m3-O 5 mg/m3-O Resp
7. Aromatic hydrocarbon	64742-95-6	10	25 ppm-A,O as Trimethyl benzene
8. Basic nickel carbonate	12607-70-4	None	50 µg/m^3-A Nickel 1 mg/m^3-O
9. beta-)3-(2H-benzotriazol-2-YL)-4-hydroxy-5-tert	None	Unkwn	None-A,O
10. Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm-A,O 15 min (STEL)
11. Carbon black	1333-86-4	None	3.5 mg/m3-A,O
12. Cellulose acetate butyrate	9004-36-8	None	10 mg/m3-A 15 mg/m3-O 5 mg/m3-O Resp
13. Dibutyl tin dilaurate	77-58-7	0.2	0.1 mg/m3-A,O Skin as Sn
114. Diketopyrrolopyrrol red pigment	None	None	None-A,O
15.. Dioxazine carbozole pigment	4378-61-4	None	10 mg/m3-A 15 mg/m3-O 5 mg/m3-O Resp
16. Ethyl acetate	141-78-6	76	400 ppm-A,O
17. Ethyl 3-ethoxy propionate	763-69-9	Ukwn	None-A,O
18. Ethylbenzene	100-41-4	7.0	100 ppm-A,O 125 ppm-A,O 15 min (STEL)
19. Ethylene glycol monobutyl ether aceate	112-07-2	0.3	20ppm D Skin None-A,O
20. Ferric ferrocyanide pigment	14038-43-8	None	10 mg/m3-A 15 mg/m3-O 5 mg/m3-O Resp
21. Heptane	142-82-5	40	400 ppm-A,O 500 ppm-A,O 15 min(STEL)
22. Hexyl acetate isomers	88230-35-7	0.7	50 ppm-A,O Hexyl acetate
23. Iron oxide	1309-37-1	None	10 mg/m3-A 15 mg/m3-O 5 mg/m3-O Resp
24. Isoindolinone pigment	36888-99-0	None	10 mg/m3-A 15 mg/m3-O 5 mg/m3-O Resp
25. Isopropyl alcohol	67-63-0	33	400 ppm-A,O 500 ppm-A,O 15 min(STEL)
26. Lead chromate	18454-12-1	None	50 mg/m3-A,O Pb 12 mg/m3-A Cr; 50 mg/m3-O Cr
27. Lead chromate molybdate	12656-85-8	None	50 mg/m3-A,O Pb 12 mg/m3-A Cr; 50 mg/m3-O Cr
228. Medium mineral spirits	64742-88-7	None	100 ppm-D None-A,O
29. Methyl amyl ketone	110-43-0	2.2	50 ppm-A,O
30. Methyl ethyl ketone	78-93-3	71.0	200ppm A,O 300 ppm -A,O 15 min(STEL)
31. Methyl isobutyl ketone	108-10-1	15	50 ppm-A; 75 ppm-A,O 15 min(STEL)
32. Mica coated with TiO2	None	None	3 mg/m3-A,O Resp
33. Mixed dibasic esters	None	0.2	10 mg/m3-D None-A,O
34. Monoazo pigment	12236-62-3	None	10 mg/m3-A 15 mg/m3-O 5 mg/m3-O Resp

MSDS NO. 21 RS

MATERIAL SAFETY DATA SHEET

January 1, 1993

IMRON® 5000 POLYURETHANE ENAMEL

Section I - Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441 7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300 (CHEMTREC)

Product: Imron® 5000 Polyurethane Enamel
D.O.T Hazard Class: Flammable Liquid,
Shipping Classification: Paint UN 1263
Hazardous Materials Information: See Section X for ratings listed by product code.

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	*CAS No.*	*Vapor Pressure (20°C.)*	*Exposure Limits **
1. Acetic acid ester	90438-79-2	None	None-A,O
2. Acrylic resin	70942-12-0	None	None-A,O
3. Aliphatic polyisocyanate resin	28182-81-2	None	1 mg/m^3-S None-A,O
4. Aluminum	7429-90-5	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
5. Anthraquinone pigment	None	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
6. Aromatic hydrocarbon	64742-95-6	10	25 ppm-A,O Trimethyl benzene
7. Barium sulfate	7727-43-7	None	10 mg/m^3-A,O 5 mg/m^3-O Resp
8. Bis(1-2,2,5,6- pentamethyl 4 piperdinyl) sebacate	41556 26 7	6.0	None-A,O
9. Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm-A,O 15 min (STEL)
10. Calcium carbonate	471-34-1	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
11. Carbon black	1333-86-4	None	3.5 mg/m^3-A,O
12. Dibutyl tin dilaurate	77-58-7	0.2	0.1 mg/m3-A,O Skin as Sn
13. Diketopyrrolopyrrol red pigment	None	None	None-A,O
14. Dioxazine carbozole pigment	4378-61-4	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
15. Ethyl acetate	141-78-6	76	400 ppm-A,O
16. Ethylene glycol monobutyl ether acetate	112-07-2	0.3	20 ppm-D SKIN None-A,O
17. Ferric ferrocyanide pigment	14038-43-8	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
18. Heptane	142-82-5	40	400 ppm-A,O 500 ppm-A,O 15 min(STEL)
19. Hydrous magnesium silicate	14807-96-6	None	2 mg/m^3-A,O Resp
20. Indofast violet	None	None	None-A,O
21. Iron oxide	1309-37-1	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
22. Isoindolinone pigment	36888-99-0	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
23. Isopropyl alcohol	67-63-0	33	400 ppm-A, 500 ppm-A,O 15 min(STEL)
24. Kaolin	58425-86-8	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
25. Lead chromate	18454-12-1	None	50 µg/m3-A,O Pb 12 µg/m3-A Cr; 50 µmg/m3-O Cr
26. Lead chromate molybdate	12656-85-8	None	50 µg/m3-A,O Pb 12 µg/m3-A Cr; 50 µg/m3-O Cr
27. Medium mineral spirits	64742-88-7	None	100 ppm D None-A,O
28. Methyl amyl ketone	110-43-0	2.2	50 ppm A 100 ppm-O
29. Methyl ethyl ketone	78-93-3	71	200 ppm-A,O; 300 ppm-A,O 15 min(STEL)
30. Monoazo pigment	12236-62-3	None	10 mg/m^3- 15 mg/m^3-O; 5 mg/m^3-O Resp
31. N-butyl alcohol	71-36-3	5.5	50 ppm-A,O C SKIN 25 ppm-D 50 ppm-D 15 min. TWA
32. Nickel octoate	7580-31-6	None	50 µg/m3-A Ni 1 mg/m3-O Ni
33. Nickel, Antimony, Titanium Yellow Pigment	8007-18-9	None	0.5 mg/m3-A,O (Sb) 50 mg/m3-A Nickel
34. Organoclay	68911-87-5	None	None-A,O
35. Perylene pigment	128-69-8	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
36. Phthalocyanine blue pigment	147-14-8	None	10 mg/m3-A 15 mg/m3-O 5 mg/m3-O Resp

MSDS NO. 20 RS

MATERIAL SAFETY
DATA SHEET

January 1, 1993

COMPOUNDS, BODY FILLER, PUTTIES, POLISHES

Section I - Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300
(CHEMTREC)

Product: Compounds, Body Filler, Putties, Polishes (101S, 202S, 203S, 204S, 211S, 212S, 303S, 600S, 606S, 1500S, 2286S, 2288S, 2290S, 2291S, 3000S, 2280S, 2281S).

D.O.T Hazard Class: 606S: Not regulated;
211S, 212S, 2286S, 2288S: Flammable Liquid;
101S, 202S, 203S, 204S, 303S, 1500S: Combustible Liquid

Hazardous Materials Information: See Section X for ratings listed by product code.

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	*CAS No.*	*Vapor Pressure (20°C)*	*Exposure Limits **
1. Acrylic resin	None	None	None-A,O
2. Amorphous silica	7631-86-9	None	15 mg/m³-O 5mg/m³-O Resp 0.2 mg/m³-A Resp; 1 mg/m³-A 15 min(STEL)
3. Barium sulfate	7727-43-7	None	10 mg/m³-A,O 5 mg/m³-O Resp
4. Benzoyl peroxide	94-36-0	None	5.0 mg/m³-A,O
5. Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm-A,O 15 min (STEL)
6. Calcium carbonate	471-34-1	None	10 mg/m³-A 15 mg/m³-O 5 mg/m³-O Resp
7. Carbon black	1333-86-4	None	3.5 mg/m³-A,O
8. Castor oil	8001-78-3	None	None-A,O
9. Dibutyl phthalate	84-74-2	1.0	5.0 mg/m³-A,O
10. Diethanolamine	111-42-2	0.1	3 ppm-A,O
11. Ethyl acetate	141-78-6	76	400 ppm-A,O
12. Glycerine	56-81-5	1.0	10 mg/m³-A,O 5 mg/m³-O Resp
13. Hydrous magnesium silicate	14807-96-6	None	2 mg/m³-A,O Respirable
14. Iron oxide	1309-37-1	None	10 mg/m³-A 15 mg/m³-O 5 mg/m³-O Resp
15. Isopropyl alcohol	67-63-0	33	400 ppm-A,O; 500 ppm-A,O 15 min(STEL)
16. Kaolin	58425-86-8	None	10 mg/m³-A; 15 mg/m³-O 5 mg/m³-O Respirable
17. Kerosene	8008-20-6	1.0	None-A,O
18. Medium mineral spirits	64742-88-7	None	100 ppm-D None-A,O
19. Mineral oil	8012-95-1	Unknown	None-A,O
20. Nitrocellulose	9004-70-0	None	None-A,O
21. Pine Oil	8002-09-3	1	None-A,O
22. Quartz- crystalline silica	14808-60-7	None	0.1 mg/m³-A,O Resp
23. Styrene	100-42-5	4.3	50 ppm-A SKIN 50 ppm-O 100 ppm-A,O 15 min(STEL)
24. Sulfonated vegetable oil	68187-76-8	None	None-A,O
25. Titanium dioxide	13463-67-7	None	10 mg/m³-A,O; 5 mg/m³-O Resp
26. Toluene	108-88-3	36.7	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
27. VM&P Naphtha	64742-89-8	None	300 ppm-A,O; 400 ppm-O 15 min(STEL) 100 ppm-D 15 mg/m³-O
28. Water	7732-18-5	23.6	None-A,O
29. Xylene	1330-20-7	25	100 ppm A,O 150 ppm-A,O 15 min(STEL)

A = ACGIH TLV; O = OSHA; D = DuPont internal limit; S = Supplier Furnished limit; STEL = Short Term Exposure Limit; C = Ceiling.

Section III - Physical Data

Evaporation rate: LESS THAN ETHER
Vapor Density: HEAVIER THAN AIR
Solubility in water: MISCIBLE
Percent volatile by volume: 5.6%- 77.0%
Percent volatile by weight: 3.5%- 67.0%
Boiling range: 76°C- 345°C/169°F- 653°F
Gallon weight: 8.13 13.46 lbs./gallon

Section IV - Fire and Explosion Data

Flash point (closed cup): 211S, 212S: less than 100°F; 1500S, 2286S, 2288S, 2291S, 2290S: less than 73°F; All others: greater than 100°F
Flammable limits: 0.4% 12.7%
Extinguishing media: Water spray, foam, carbon dioxide, dry chemical.
Special fire fighting procedures: Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fog nozzles may be used to cool closed containers to prevent pressure build up.
Unusual fire & explosion hazards: When heated above the flash point, emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

Section V - Health Hazard Data

General effects
Ingestion: Gastrointestinal distress. In the unlikely event of ingestion, call a physician immediately and have the names of ingredients available.
Inhalation: May cause nose and throat irritation. Repeated and prolonged overexposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. If affected by inhalation of vapor or

MSDS NO. 19-4 RS

MATERIAL SAFETY
DATA SHEET

January 1, 1993

CHROMA ONE™ BINDERS, TINTS, ACTIVATORS AND REDUCERS

Section I - Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300 (CHEMTREC)

Product: ChromaOne™ Binders, Tints, Activators And Reducers

D.O.T Hazard Class: Flammable Liquid

Shipping Name: 7005S: Driers, paint, liquid N.O.S. UN 1168; 7075S, 7085S, and 7095S: Paint related materail UN 1263; 7020G and 7030G: Resin Solution UN 1866; All others: Paint UN 1263

Hazardous Materials Information: See Section X for ratings listed by product code.

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	*CAS No.*	*Vapor Pressure (20°C)*	*Exposure Limits **
1. Acrylic Polymer	96591-17-2	None	None-A,O
2. Aliphatic polyisocyanate resin	28182-81-2	None	1 mg/m^3-S None-A,O
3. Aluminum	7429-90-5	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
4. Anthraquinone pigment	None	None	10 mg/m^3-A 15 mg/m^3 O 5 mg/m^3-O Resp
5. Aromatic hydrocarbon	64742-94-5	10	100 ppm D None A,O
6. Bis(1-2,2,5,6- pentamethyl-4- piperdinyl) sebacate	41556-26-7	6.0	None-A,O
7. Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm A,O 15 min (STEL)
8. Carbon black	1333-86-4	None	None
9. Cellulose acetate butyrate	9004-36 8	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
10. Chrome-antimony titanate	68186-90-3	None	0.5 mg/m^3-A,O (SB)
11. Diisobutyl ketone	108-83-8	1.7	25 ppm-A,O
12. Diketopyrrolopyrrol red pigment	None	None	None-A,O
13. Dioxazine carbozole igment	4378-61-4	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
14. Ethyl acetate	141-78-6	76	400 ppm-A,O
15. Ethylbenzene	100-41-4	7.0	100 ppm-A,O 125 ppm-A,O 15 min (STEL)
16. Ethylene glycol monobutyl ether acetate	112-07-2	0.3	20 ppm-D SKIN None-A,O
17. Ferric ferrocyanide pigment	14038-43-8	None	10 mg/m^3-A 15 µg/m^3-O 5 mg/m^3-O Resp
18. Fe_2O_3 Coated Mica	None	None	3 mg/m^3-O Mica Resp
19. Iron oxide	1309-37-1	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
20. Isoindolinone pigment	36888-99-0	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
21. Lead chromate	18454-12-1	None	50 µg/m3-A,O Pb 12 µg/m3-A Cr; 50 µg/m3-O Cr
22. Lead chromate molybdate	12656-85-8	None	50 µg/m3-A,O Pb 12 µg/m3-A Cr; 50 µg/m3-O Cr
23. Medium mineral spirits	64742-88-7	None	100 ppm-D None-A,O
24. Methyl amyl ketone	110-43-0	2.2	50 ppm-A,O
25. Methyl ethyl ketone	78-93-3	71	200 ppm-A,O 300 ppm-A,O 15 min(STEL)
26. Mica coated with TiO_2	None	None	3 mg/m^3-A,O Resp
27. Mica/ Titanium dioxide/Tin Oxide	None	None	2 mg/m^3-A,O Tin Oxide 3 mg/m^3-A,O Mica Resp
28. Monoazo pigment	12236-62-3	None	10 mg/m^3 A 15 mg/m^3-D 5 mg/m^3-O Resp
29. Nickel, Antimony, Titanium Yellow Pigment	8007-18-9	None	0.5 mg/m3-A,O (SB) 50 µg/m3-A Nickel
30. Perylene pigment	128-69-8	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
31. Phthalocyanine blue pigment	147-14-8	None	10 mg/m3-A 15 mg/m3-O 5 mg/m3-O Resp
32. Phthalocyanine green pigment	1328-53-6	None	10 mg/m3-A 15 mg/m3-O 5 mg/m3-O Resp
33. Primary amyl acetate	628-63-7	4	100 ppm-A,O
34. Propylene glycol monomethyl ether acetate	108-65-6	3.7	None-A,O

MSDS NO. 19-3 RS

DUPONT

MATERIAL SAFETY
DATA SHEET

January 1, 1993

CHROMABASE®
BASEMAKERS

Section I- Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300 (CHEMTREC)

Product: ChromaBase™ Basemakers (7160S, 7175S and 7185S)
D.O.T Hazard Class: Flammable Liquid
Shipping Name: Paint UN 1263
Hazardous Materials Information: H = 2, F = 3, R = 0

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	*CAS No.*	*Vapor Pressure (20°C)*	*Exposure Limits **
1. Acetone	67-64-1	184	750 ppm-A,O; 1000 ppm-A,O 15 min (STEL)
2. Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm-A,O 15 min (STEL)
3. Ethyl acetate	141-78-6	76	400 ppm-A,O
4. Ethyl 3 ethoxy propionate	763-69-9	Unknown	None-A,O
5. Ethylene glycol monobutyl ether acetate	112-07-2	0.3	20 ppm-D SKIN None-A,O
6. Methyl ethyl ketone	78-93-3	71	200 ppm-A,O; 300 ppm-A,O 15 min(STEL)
7. Propionic acid, n-butyl ester	590-01-2	3.4	None-A,O
8. Toluene	108-88-3	36.7	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
9. VM&P Naphtha	64742-89-8	None	300 ppm-A,O; 400 ppm-O 15 min(STEL) 100 ppm-D
10. Xylene	1330-20-7	25	100 ppm A,O 150 ppm-A,O 15 min(STEL)

A = ACGIH TLV; O = OSHA; D = DuPont internal limit; S = Supplier Furnished limit; STEL = Short Term Exposure Limit; C = Ceiling.

Section III - Physical Data

Evaporation rate: Less than ether
Vapor Density: Heavier than air
Solubility in water: Miscible
Percent volatile by volume: 99.3% -99.4%
Percent volatile by weight: 99.27%
Boiling range: 54°C- 196°C/129°F- 385°F
Gallon weight: 6.95 - 7.20 lbs./gallon

Section IV - Fire and Explosion Data

Flash point (closed cup): less than 73°F
Flammable limits: 0.9-13.0%
Extinguishing media: Water spray, foam, carbon dioxide, dry chemical.
Special fire fighting procedures: Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fog nozzles may be used to cool closed containers to prevent pressure build up.
Unusual fire & explosion hazards: When heated above the flash point, emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

Section V - Health Hazard Data

General effects
Ingestion: Gastrointestinal distress. In the unlikely event of ingestion, call a physician immediately and have the names of ingredients available.
Inhalation: May cause nose and throat irritation. Repeated and prolonged overexposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. If affected by inhalation of vapor or spray mist, remove to fresh air. If breathing difficulty persists, or occurs later, consult a physician.
Skin or eye contact: May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis. In case of eye contact, immediately flush with plenty of water for at least 15 minutes; call a physician. In case of skin contact, wash with soap and water. If irritation occurs, contact a physician.

Specific Effects:
Butyl acetate: May cause abnormal liver function. Tests for embryotoxic activity in animals has been inconclusive. Has been toxic to the fetus in laboratory animals at doses that are toxic to the mother. **Ethyl acetate:** Prolonged and repeated high exposures of laboratory animals resulted in secondary anemia with and increase in white blood cells; fatty degeneration, cloudy swelling and excess of blood in various organs. **Ethyl 3-ethoxy propionate:** Has been toxic to the fetus in laboratory animals at dosed that are toxic to the mother. **Ethylene glycol monobutyl ether acetate:** Can be absorbed through the skin in harmful amounts. May destroy red blood cells. May cause abnormal kidney funtion. **Methyl ethyl ketone:** High concentration have caused embryotoxic effects in laboratory animals. Methyl ethyl ketone has been demonstrated to potentiate (i.e., shorten the time of onset) the peripheral neuropathy caused by either n-hexane or methyl n-butyl ketone. MEK by itself has not been demonstrated to cause peripheral neuropathy. Liquid splashes in the eye may result in chemical burns. **Toluene:** Recurrent overexposure may result in liver and kidney injury. High airborne levels have produced irregular heart beats in animals and occasional palpitations in humans. Rats exposed to very high airborne levels have exhibited high frequency hearing deficits. The significance of this to man is unknown. **VM&P Naptha:** Laboratory studies with rats have shown that petroleum distillates cause kidney damage and kidney or liver tumors. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumors. May cause temporary upper respiratory and/or lung irritation with cough, difficult breathing, or shortness of breath. **Xylene:** High concentration have caused

MSDS NO.19-2 RS

MATERIAL SAFETY
DATA SHEET

January 1, 1993

CHROMABASE® BINDERS, TINTS

Section I ,- Manufacturer
Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898
Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300
(CHEMTREC)
Product: ChromaBase™ Binders, Tints and Miscellaneous Factory Packaged Codes.
D.O.T Hazard Class: Flammable Liquid
Shipping Name: Paint UN 1263
Hazardous Materials Information:
892J: H = 1, F = 2, R = 0
810J, 811J, 813J, 814J, 816J & metallic colors: H = 2, F = 3, R = 1;
801J, 802J, 803J, 805J, 806J, 807J, 815J, 818J, 820J, 821J,
826J, 827J, 828J, 829J, 830J, 831J, 832J, 841J, 843J, 845J,
846J, 850J 853J, 854J, 855J, 856J, 857J, 858J, 859J, 862J,
864J, 865J, 866J, 867J, 870J, 871J, 877J, 879J, 881J, 882J,
884J, 890J,891J, 893J:H = 1, F = 3, R = 0
1001S, 1002S, 1003S, 1004S, 1005S, 1006S, 1007S, 1008S,
1009S, 1010S: H = 2, F = 2, R = 0
All others: H = 2, F = 3, R = 0

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	*CAS No.*	*Vapor Pressure (20°C)*	*Exposure Limits **
1. Acetone	67-64-1	184	750 ppm-A,O 1000 ppm-A,O 15 min (STEL)
2. Acrylic Polymer	25133-97-5	None	None-A,O
3. Acrylic Polymer	96591-17-2	None	None-A,O
4. Alkyd Polymer	67922-67-2	None	None-A,O
5. Aluminum	7429 90 5	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
6. Anthraquinone pigment	None	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
7. Aromatic hydrocarbon	64742-95-6	10	25 ppm-A,O Trimethyl benzene
8. Aromatic hydrocarbon	64742-94-5	10	100 ppm-D None-A,O
9. Basic nickel carbonate	12607-70-4	None	50 mg/m3-A Nickel 1 mg/m^3 O
10. Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm-A,O 15 min (STEL)
11. Carbon black	1333-86-4	None	3.5 mg/m^3-A,O
12. Cellulose acetate butyrate	9004-36-8	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
13. Chrome-antimony titanate	68186-90-3	None	0.5 mg/m^3-A,O (SB)
14. Diketopyrrolopyrrol red pigment	None	None	None-A,O
15. Dioxazine carbozole pigment	4378-61-4	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
16. Ethyl acetate	141 78 6	76	400 ppm-A,O
17. Ethylene glycol monobutyl ether	112-07-2	0.6	25 ppm A,O SKIN 10 ppm-D SKIN
18. Ferric ferrocyanide pigment	14038-43-8	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Respirable
19. Fe_2O_3 Coated Mica	None	None	3 mg/m^3-O Mica respirable
20. Iron oxide	1309-37-1	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Respirable
21. Isoindolinone pigment	36888-99-0	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
22. Isopropyl alcohol	67-63-0	33	400 ppm-A,O 500 ppm-A,O 15 min(STEL)
23. Lead chromate	18454 12 1	None	50 µg/m3-A,O Pb 12 µg/m3-A Cr 50 µg/m3-O Cr
24. Lead chromate molybdate	12656-85-8	None	50 µg/m3-A,O Pb 12 µg/m3 A Cr 50 µg/m3-D Cr
25. Medium mineral spirits	64742-88-7	None	100 ppm-D None-A,O
26. Methyl ethyl ketone	78-93-3	71	200 ppm-A,O
27. Mica coated with TiO_2	None	None	3 mg/m^3-A,O Resp
28. Mica/ Titanium dioxide/Tin Oxide	None	None	None 2mg/m^3-A,O Tin Oxide 3 mg/m^3-A,O Mica Resp
29. Monoazo pigment	12236-62-3	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
30. Nickel rutile	8007-18-9	None	0.5 mg/m3-A,O Antimony 1 mg/m3-A,O Nickel

MSDS NO. 19-1 RS

MATERIAL SAFETY DATA SHEET

January 1, 1993

CHROMABASE® CLEAR, ACTIVATOR-REDUCERS

Section I - Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300 (CHEMTREC)

Product: ChromaClear®, & Activators-Reducers
D.O.T Hazard Class: Flammable Liquid
Shipping Name: 7500S, 7600S, 7800S: Paint UN 1263; All others: Driers, paint, liquid N.O.S. UN 1168
Hazardous Materials Information: 7500S, 7600S, 7601S and 7800S: H = 2, F = 3, R = 0; 7595S, 7695S, and 7895S: H = 3, F = 2, R = 1; All others: H = 3, F = 3, R = 1

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	CAS No.	Vapor Pressure (20°C.)	Exposure Limits *
1. Acrylic resin	None	None	None-A,O
2. Aliphatic polyisocyanate resin	28182-81-2	None	0.5 mg/m³-S 1 mg/m³-S 15 min (STEL) None-A,O
3. Aromatic hydrocarbon	64742-95-6	10	25 ppm-A,O as Trimethyl benzene
4. Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm-A,O 15 min (STEL)
5. Ethyl acetate	141-78-6	76	400 ppm-A,O
6. Ethyl 3-ethoxy propionate	763-69-9	Unknown	None-A,O
7. Ethylbenzene	100-41-4	7	100 ppm-A,O 125 ppm-A,O 15 min (STEL)
8. Ethylene glycol monobutyl ether acetate	112-07-2	0.3	20 ppm-D SKIN None-A,O
9. Hexyl acetate isomers	88230-35-7	0.7	50 ppm-A,O Hexyl acetate
10. Methyl ethyl ketone	78-93-3	71	200 ppm-A,O; 300 ppm-A,O 15 min(STEL)
11. Methyl isobutyl ketone	108-10-1	15	50 ppm-A,O; 75 ppm-A,O 15 min(STEL)
12. Polyester resin	None	None	None-A,O
13. Propylene glycol monomethyl ether acetate	108-65-6	3.7	None-A,O
14. Toluene	108-88-3	36.7	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
15. Xylene	1330-20-7	25	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
16. 1,6 Hexamethylene diisocyanate	822-06-0	5 ppb-A	10 ppb-D CEILING
17. Melamine resin	None	None	None-A,O
18. polyethylene/vinyl acetate polymer	None	None	None -A,O
19. Cellulose aceatet butyrate	9004-36-8	None	None_A,O
20. Isobutyl alcohol	78-83-1	Uknwn	50 ppm A,O
21. Acetone	67-64-1	184	750 ppm-A,O 1000ppm A,O 15 min(STEL)

A = ACGIH TLV; O = OSHA; D = DuPont internal limit; S = Supplier Furnished limit; STEL = Short Term Exposure Limit;
C = Ceiling.

Section III - Physical Data

Evaporation rate: Less than ether
Vapor Density: Heavier than air
Solubility in water: Miscible
Percent volatile by volume: 34.30%- 72.00%
Percent volatile by weight: 28.64%- 67.11%
Boiling range: 76°C- 213°C/ 169°F- 415°F
Gallon weight: 7.75- 9.02 lbs./gallon

Section IV - Fire and Explosion Data

Flash point (closed cup): 7595S: greater than 140°F; All others: less than 73°F
Flammable limits: 0.9%- 13.1%
Extinguishing media: Water spray, foam, carbon dioxide, dry chemical.
Special fire fighting procedures: Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fog nozzles may be used to cool closed containers to prevent pressure build up.
Unusual fire & explosion hazards: When heated above the flash point, emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

Section V - Health Hazard Data

General effects
Ingestion: Gastrointestinal distress.In the unlikely event of ingestion, call a physician immediately and have the names of ingredients available.
Inhalation: May cause nose and throat irritation. Repeated and prolonged overexposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. Exposure to isocyanates may cause respiratory sensitization. This effect may be permanent. This effect may be delayed for several hours after exposure. Repeated overexposure to isocyanates may cause a decrease in lung function which may be permanent. Individuals with or breathing problems or prior reaction to isocyanates must not be exposed to vapors or spray mist of this product. If affected by inhalation of vapor or spray mist, remove to fresh air. If breathing difficulty persists, or occurs later, consult a physician.
Skin or eye contact: May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis. In case of eye contact, immediately flush with plenty of water for at least 15 minutes; call a physician. In case of skin contact, wash with soap and water. If irritation occurs, contact a physician.

Specific Effects:

MSDS NO. 18-4 RS

January 1, 1993

MATERIAL SAFETY DATA SHEET

CRONAR® REDUCERS/ ADDITIVES/ INITIATORS

Section I - Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300 (CHEMTREC)

Product: Cronar® reducers/additives/initiators (9100S, 9250S, 9259S, 9265S, 9285S, 9404S, 9405S, 9465S, 9475S, 9485S, 9495S, 9504S, 9505S, 9555S, 9575S, 9585S, and 9595S).

D.O.T Hazard Class: Flammable Liquid

Shipping Name: 9250S: Paint UN1263; 9259S, 9404S, 9405S, 9504S and 9505S: Driers, paint, liquid, N.O.S.UN1168; All others: Paint UN 1263

Hazardous Materials Information: 9504S: H – 1,F – 3,R = 0 9495S,9575S,9585S,9595S: H = 2,F = 2,R = 0 All others: H = 2,F = 3,R – 0

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	CAS No.	Vapor Pressure (20°C.)	Exposure Limits *
1. Acetone	67-64-1	184	750 ppm-A,O 1000 ppm-A,O 15 min (STEL)
2. Acrylic polymer	None	None	None-A,O
3. Aromatic hydrocarbon	64742-95-6	1Q25 ppm A,O Trimetyl benzene	
4. Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm A,O 15 min (STEL)
5. Butyl benzyl phthalate	85 68 7	0.8	5 mg/m³-D None-A,O
6. Ethyl acetate	141-78 6	76	400 ppm-A,O
7. Ethyl 3-ethoxy propionate	763-69-9	Unknown	None-A,O
8. Ethylene glycol monobutyl ether acetate	112-07-2	0.3	20 ppm-D SKIN None-A,O
9. Ethylene glycol monobutyl ether	111-76-2	0.6	25 ppm-A,O SKIN 10 ppm-D SKIN
10. Heavy mineral spirits	64742-96-7	None	100 ppm-D None-A,O
11. Isopropyl alcohol	67-63-0	33	400 ppm-A,O; 500 ppm-A,O 15 min (STEL)
12. Medium mineral spirits	64742-88-7	None	100 ppm-D None-A,O
13. Methyl ethyl ketone	78-93-3	71	200 ppm-A,O 300 ppm-A,O 15 min (STEL)
14. Methyl p-hydroxy benzoate	99-76-3	Unknown	None-A,O
15. Mixed dibasic esters	None	0.2	10 mg/m³-D None-A,O
16. N-butyl alcohol	71-36-3	5.5	50 ppm-A,O C SKIN 25 ppm-D 50 ppm-D 15 min TWA
17. Polyester diol	27925-07-1	Unknown	None-A,O
18. Propylene glycol monomethyl ether acetate	108-65-6	3.7	NONE-A,O
19. Toluene	108-88-3	36.7	100 ppm-A,O; 150 ppm-A,O 15 min (STEL)
20. VM&P Naphtha	64742-89-8	None	300 ppm-A,O 400 ppm-O 15 min(STEL) 100 ppm-D
21. Xylene	1330-20-7	25	100 ppm-A,O 150 ppm-A,O 15 min (STEL)
22. Additive	None	None	None-A,O

A = ACGIH TLV; O = OSHA; D = DuPont internal limit; S – Supplier Furnished limit; STEL – Short Term Exposure Limit; C = Ceiling.

Section III - Physical Data

Evaporation rate: LESS THAN ETHER
Vapor Density: HEAVIER THAN AIR
Solubility in water: MISCIBLE
Percent volatile by volume: 49.4% - 100%
Percent volatile by weight: 43.1% - 100%
Boiling range: 54°C- 370°C/129°F- 711°F
Gallon weight: 6.64- 8.31 lbs./gallon

Section IV - Fire and Explosion Data

Flash point (closed cup): See Section X for flash points listed by product code.
Flammable limits: 0.2-13.1%
Extinguishing media: Water spray, foam, carbon dioxide, dry chemical.
Special fire fighting procedures: Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fog nozzles may be used to cool closed containers to prevent pressure build up.
Unusual fire & explosion hazards: When heated above the flash point, emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

Section V - Health Hazard Data

General effects
Ingestion: Gastrointestinal distress. In the unlikely event of ingestion, call a physician immediately and have the names of ingredients available.
Inhalation: May cause nose and throat irritation. Repeated and prolonged overexposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. If affected by inhalation of vapor or spray mist, remove to fresh air. If breathing difficulty persists,

MSDS NO. 18-3 RS

MATERIAL SAFETY DATA SHEET

January 1, 1993

CRONAR® BASEMAKERS

Section I - Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300 (CHEMTREC)

Product: Cronar® Basemakers (9355S, 9365S, 9375S, 9385S)
D.O.T Hazard Class: Flammable Liquid
Shipping Name: Paint UN 1263
Hazardous Materials Information: H=2, F=3, R=0

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	CAS No.	Vapor Pressure (20°C)	Exposure Limits *
1. Acetone	67-64-1	184	750 ppm-A,O 1000 ppm-A,O 15 min (STEL)
2. Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm-A,O 15 min (STEL)
3. Ethylene glycol monobutyl ether acetate	112-07-2	0.3	20 ppm-D SKIN None-A,O
4. Hexyl acetate isomers	88230-35-7	0.7	50 ppm-A,O Hexyl acetate
5. Isopropyl alcohol	67-63-0	33	400 ppm A,O 500 ppm-A,O 15 min(STEL)
6. Methyl ethyl ketone	78 93 3	71	200 ppm-A,O; 300 ppm-A,O 15 min(STEL)
7. Primary amyl acetate	628-63-7	4	100 ppm-A,O
8. Propionic acid n-butyl ester	590-01-2	3.4	None-A,O
9. Toluene	108-88-3	36.7	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
10. Xylene	1330-20-7	25	100 ppm-A,O 150 ppm-A,O 15 min(STEL)

A = ACGIH TLV; O = OSHA; D = DuPont internal limit; S = Supplier Furnished limit; STEL = Short Term Exposure Limit; C = Ceiling.

Section III - Physical Data

Evaporation rate: LESS THAN ETHER
Vapor Density: HEAVIER THAN AIR
Solubility in water: MISCIBLE
Percent volatile by volume: 99.7%- 99.9%
Percent volatile by weight: 99.7%- 99.9%%
Boiling range: 54°C- 196°C/ 129°F- 384°F
Gallon weight: 6.75- 7.33 lbs./gallon

Section IV - Fire and Explosion Data

Flash point (closed cup): less than 73°F
Flammable limits: 0.9%- 13.0%
Extinguishing media: Water spray, foam, carbon dioxide, dry chemical.
Special fire fighting procedures: Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fog nozzles may be used to cool closed containers to prevent pressure build up.
Unusual fire & explosion hazards: When heated above the flash point, emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

Section V - Health Hazard Data

General effects
Ingestion: Gastrointestinal distress. In the unlikely event of ingestion, call a physician immediately and have the names of ingredients available.
Inhalation: May cause nose and throat irritation. Repeated and prolonged overexposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. If affected by inhalation of vapor or spray mist, remove to fresh air. If breathing difficulty persists, or occurs later, consult a physician.
Skin or eye contact: May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis. In case of eye contact, immediately flush with plenty of water for at least 15 minutes; call a physician. In case of skin contact, wash with soap and water. If irritation occurs, contact a physician.

Specific Effects:
Butyl acetate: May cause abnormal liver function. Tests for embryotoxic activity in animals has been inconclusive. Has been toxic to the fetus in laboratory animals at doses that are toxic to the mother. **Ethylene glycol monobutyl ether acetate:** Can be absorbed through the skin in harmful amounts. May destroy red blood cells. May cause abnormal kidney function. **Isopropyl alcohol:** Ingestion studies on laboratory animals showed that very high oral doses caused increased liver and kidney weights. **Methyl ethyl ketone:** High concentration have caused embryotoxic effects in laboratory animals. Methyl ethyl ketone has been demonstrated to potentiate (i.e., shorten the time of onset) the peripheral neuropathy caused by either n-hexane or methyl n-butyl ketone. MEK by itself has not been demonstrated to cause peripheral neuropathy. Liquid splashes in the eye may result in chemical burns. **Primary amyl acetate:** Recurrent overexposure may result in liver and kidney injury. **Toluene:** Recurrent overexposure may result in liver and kidney injury. High airborne levels have produced irregular heart beats in animals and occasional palpitations in humans. Rats exposed to very high airborne levels have exhibited high frequency hearing deficits. The significance of this to man is unknown. **Xylene:** High concentration have caused embryotoxic effects in laboratory animals. Recurrent overexposure may result in liver and kidney injury. Can be absorbed through the skin in harmful amounts.

Section VI - Reactivity Data

Stability: Stable
Incompatibility (materials to avoid): None reasonably foreseeable
Hazardous decomposition products: CO, CO_2, smoke.
Hazardous polymerization: Will not occur.

MSDS NO. 18-2 RS

MATERIAL SAFETY

DATA SHEET

January 1, 1993

CRONAR® CLEARS

Section I - Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300
(CHEMTREC)

Product: Cronar Clears (9222S, 9280S, 9300S, 9301S Part A, 9301S Part B, 9500S and 9522S)
D.O.T Hazard Class: Flammable Liquid
Shipping Name: Paint UN 1263
Hazardous Materials Information: H=2, F=3, R=0.

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	*CAS No.*	*Vapor Pressure (20°C.)*	*Exposure Limits **
1. Acetone	67-64-1	184	750 ppm-A,O 1000 ppm A,O 15 min (STEL)
2. Acrylic polymer	None	None	None A,O
3. Acrylic polymer	25951-87-5	None	None A,O
4. Acrylic polymer	9011 14-7	None	None-A,O
5. Aromatic hydrocarbon	64742-95-6	10	25 ppm-A,O Trimethyl
6. Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm-A,O 15 min (STEL)
7. Butyl benzyl phthalate	85-68-7	0.8	5 mg/m^3-D None-A,O
8. Cellulose acetate butyrate	9004-36-8	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Respirable
9. Diethyl phtharate	84-66-2	1	5 mg/m^3-A,O
10. Ethyl acetate	141-78-6	76	400 ppm-A,O
11. Ethylene glycol monobutyl ether acetate	112-07-2	0.3	20 ppm-D SKIN None-A,O
12. Ethylene glycol monobutyl ether	111-76-2	0.6	25 ppm-A,O SKIN 10 ppm-D SKIN
13. Isopropyl alcohol	67-63-0	33	400 ppm A,O 500 ppm A,O 15 min (STEL)
14. Medium mineral spirits	64742-88 7	None	100 ppm-D None-A,O
15. Methyl ethyl ketone	78-93 3	71	200 ppm-A,; 300 ppm-A,O 15 min (STEL)
16. Methyl p hydroxy benzoate	99-76-3	Unknown	None-A,O
17. Mixed dibasic esters	None	0.2	10 mg/m^3-D None-A,O
18. N-butyl alcohol	71-36-3	5.5	50 ppm-A,O C SKIN 25 ppm-D 50 ppm-D 15 min. TWA
19. Propylene glycol monomethyl ether acetate	108 65 6	3.7	None-A,O
20. Toluene	108 88 3	36.7	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
21. VM&P Naphtha	64742-89-8	None	300 ppm-A,O 400 ppm O 15 min(STEL) 100 ppm-D
22. Xylene	1330-20-7	25	100 ppm A,O 150 ppm-A,O 15 min(STEL)
23. 2(2-Hydroxy-3, 5-diteramylphenyl) benzotriazole	25973-55-1	Unknown	None-A,O

A = ACGIH TLV; O = OSHA; D = DuPont internal limit; S = Supplier Furnished limit; STEL = Short Term Exposure Limit; C = Ceiling.

Section III - Physical Data

Evaporation rate: Less than ether
Vapor Density: Heavier than air
Solubility in water: Miscible
Percent volatile by volume: 68.2%- 95.9%
Percent volatile by weight: 62.0%- 94.2%
Boiling range: 54°C- 377°C/129°F- 711°F
Gallon weight: 7.06 - 7.91 lbs./gallon

Section IV - Fire and Explosion Data

Flash point (closed cup): 9222S and 9300S: less than 20°F; **All others: less than 73°F**
Flammable limits: 0.2%- 13.1%
Extinguishing media: Water spray, foam, carbon dioxide, dry chemical.
Special fire fighting procedures: Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fog nozzles may be used to cool closed containers to prevent pressure build up.
Unusual fire & explosion hazards: When heated above the flash point, emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

Section V - Health Hazard Data

General effects
Ingestion: Gastrointestinal distress. In the unlikely event of ingestion, call a physician immediately and have the names of ingredients available.
Inhalation: May cause nose and throat irritation. Repeated and prolonged overexposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. If affected by inhalation of vapor or spray mist, remove to fresh air. If breathing difficulty persists, or occurs later, consult a physician.
Skin or eye contact: May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis. In case of eye contact, immediately flush with plenty of water for at least 15 minutes; call a physician. In case of skin contact, wash with soap and water. If irritation occurs, contact a physician.

MSDS No. 18-1 RS

DU PONT

January 1, 1993

MATERIAL SAFETY DATA SHEET

CRONAR ® TINTS, BALANCERS, BINDERS

Section I - Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept
Wilmington, Delaware 19898
Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300
(CHEMTREC)
Product: Cronar Tints, Balancers, Binders

D.O.T Hazard Class: Flammable Liquid
Shipping Name: Paint UN 1263
Hazardous Materials Information H=2, F=3, R=0.

Section II - Hazardous Ingredients (See Section X

for ingredients listed by product code)

Ingredients	*CAS No.*	*Vapor Pressure (20oC.)*	*Exposure Limits* *
1.Acetone	67-64-1	184.0	750 ppm-A,O 1000 ppm-A,O 15 min(STEL)
2.Acrylic polymer	96591-17-2	None	None-A,O
3. Aluminum	7429-90-5	None	10 mg/m3-A 15 mg/m3-O 5 mg/m3-O Resp
4.Anthraquinone pigment	None	None	10 mg/m3-A 15 mg/m3-O 5 mg/m3-O Resp
5.Aromatic hydrocarbon	64742-95-6	10	25 ppm-A,O as Trimethyl benzene
6.Basic nickel carbonate	12607-70-4	None	50 UG/M3-A NI 1 mg/m3-O
7.Butyl acetate	123-86-4	8.0	150ppm -A,O 200 ppm A,O 15 min(STEL)
8.Butyl benzyl phthalate	85-68-7	0.6	5mg/m3-D None-A,O
9.Carbon black	1333-86-4	N/APP	None-a,O
10. Cellulose acetate butyrate	94-36-8	None	10 mg/m3-A 15 mg/m3-O 5 mg/m3-O Resp
11.Chrome-antimony titanate	68188-90-3	N/APP	0.5 mg/m3-A SB 0.5 mg/m3-O SB
12.Diethyl phthalate	84-66-2	1.0	5.0 mg/m3-A,O
13.Dikelopyrrolopyrrol red pigment	None	None	None-A,O
14.Dioxazine carbazole pigment	4378-61-4	None	10 mg/m3-A 15 mg/m3-O 5 mg/m3-O Resp
15.Ethyl acetate	141-78-6	76.0	400 ppm-A,O
16.Ethylene glycol monobutyl ether	111-76-2	0.6	25 ppm-A,O Skin 10 ppm-D Skin
17. Ferric ferrocyanide pigment	None	N/APP	10 mg/m3-A 15 mg/m3-O 5 mg/m3-O Resp
18.Fe2O3 coated mica	None	None	3mg/m3-A,O Resp
19.Iron oxide	1309-37-1	None	10 mg/m3-A 15 mg/m3-O 5 mg/m3-O Resp
20.Isobutyl alcohol	78-83-1	10.0	50 ppm-A,O
21.Isoindolinone pigment	36888-99-0	None	10 mg/m3-A 15mg/m3-O 5 mg/m3-O Resp
22.Isopropyl alcohol	67-63-0	33.0	400 ppm-A,O 500ppm-A,O 15 min(STEL)
23.Lead chromate	18454-12-1	None	50 UG/M3-A,O PB 12 UG/M3-A CR 50 UG/M3-O CR
24.Lead chromate molybdate	12656-85-8	None	50.0 UG/M3-A,O PB 12.0 UG/M3-A CR 50.0 UG/M3-O CR
25. Medium mineral spirits	64742-88-7	None	100 ppm-D None-A,O
26. Melamine resin	None	None	None-A,O
27. Methyl ethyl ketone	78-93-3	71.0	200.0 ppm-A,O 300.0 ppm-A,O 15 min(STEL)
28. Methyl p-hydroxy benzoate	99-76-3	Unkwn	None-A,O
29 Mica coated with TiO2	None	None	3.0 mg/m3-A,O Resp
30.Mica/titanium dioxide/tin oxide	None	None	3 mg/m3-A,O Resp 2 mg/m3-A,O Tin oxide
31.Monoazo pigment	12236-62-3	None	10 mg/m3-A 15mg/m3-O 5 mg/m3-O Resp
32.Nickel rutile	67-18-9	None	1 mg/m3-A,O Nickel 0.5 mg/m3-A,O Antimony

MSDS NO. 17 RS

MATERIAL SAFETY DATA SHEET

January 1, 1993

URO® PRODUCTS

Section I - Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300 (CHEMTREC)

Product: Uro® Products (1075S, 1080S, 1082S, 1085S, 1095S, 1120S, 1125S, 1130S, 1135S, 1140S, 1220S, 2080S, 2082S)

D.O.T Hazard Class: 1080S, 1120S, 1130S, 1135S, 1140S, 1220S, 2080S: Flammable Liquid.

Shipping Name: 1075S, 1085S, 1095S: Paint Related Material UN 1263; 1082S, 1125S, 2082S: Driers, Paint, liquid N.O.S. UN 1168; All others:Paint UN 1263;

Hazardous Materials Information: 1085S: H = 1, F = 2, R = 0; 1120S, 1140S: H = 1, F = 3, R = 0; 1082S, 1125S, 2082S: H = 3, F = 3, R = 1; All others: H = 2, F = 3, R = 0

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	CAS No.	Vapor Pressure (20°C.)	Exposure Limits *
1. Acrylic polymer	77358-01-1	None	None-A,O
2. Aliphatic polyisocyanate resin	28182-81-2	None	0.5 mg/m³-S 1 mg/m³-S 15 min (STEL) None-A,O
3. Aromatic hydrocarbon	64742-95-6	10	25 ppm-A,O as Trimethyl benzene
4. Barium sulfate	727-43-7	None	10 mg/m³-A,O 5 mg/m³-O Resp
5. Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm-A,O 15 min (STEL)
6. Calcium carbonate	471-34-1	None	10 mg/m³-A 15 mg/m³-O 5 mg/m³-O Resp
7. Diatomaceous Earth	7631-86-9	None	10 mg/m³-A 15 mg/m³-O 5 mg/m³-O Resp
8. Ethyl acetate	141-78-6	76	400 ppm-A,O
9. Ethylbenzene	100-41-4	7.0	100 ppm-A,O 125 ppm-A,O 15 min (STEL)
10. Ethylene glycol monobutyl ether acetate	112-07-2	0.3	20 ppm D SKIN None A,O
11. Hexyl acetate isomers	88230 35 7	0.7	50 ppm-A,O Hexyl acetate
12. Hydrous magnesium silicate	14807-96-6	None	2 mg/m³-A,O Resp
13. Iron oxide	1309-37-1	None	10 mg/m³-A 15 mg/m³-O 5 mg/m³-O Resp
14. Kaolin	58425-86-8	None	10 mg/m³-A 15 mg/m³-O 5 mg/m³-O Resp
15. Methyl ethyl ketone	78-93-3	71	200 ppm-A,O 300 ppm-A,O 15 min(STEL)
16. Methyl isobutyl ketone	108-10-1	15	50 ppm-A,O 75 ppm-A,O 15 min(STEL)
17. Mixed dibasic esters	None	0.2	10 mg/m³-D None-A,O
18. Polyester Resin	71010-58-7	None	None A,O
19. Propylene glycol monomethyl ether acetate	108-65-6	3.7	None-A,O
20. Quartz- crystalline silica	14808-60-7	None	0.1 mg/m³-A,O Resp
21. Titanium dioxide	13463-67-7	None	10 mg/m³-A,O 5 mg/m³-O Resp
22. Toluene	108-88-3	36.7	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
23. Xylene	1330-20-7	25	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
24. Zinc and calcium molybdate	None	None	10 mg/m³-A 15 mg/m³-O 5 mg/m³-O Resp
25. Zinc phosphate	7779-90-0	None	10 mg/m³-A 15 mg/m³-O 5 mg/m³-O Resp
26. Zinc phosphate pigment	7779-90-0	None	10 mg/m³-A 15 mg/m³-O 5 mg/m³-O Resp
27. Acrylic resin	None	None	None A,O
28. 1,6 Hexamethylene diisocyanate	822-06-0	5 ppb-A	10 ppb-O CEILING

A = ACGIH TLV; O = OSHA; D = DuPont internal limit; S = Supplier Furnished limit; STEL = Short Term Exposure Limit; C = Ceiling.

Section III - Physical Data

Evaporation rate: Less than ether
Vapor Density: Heavier than air
Solubility in water: Miscible
Percent volatile by volume: 29.9%- 100%
Percent volatile by weight: 24.9%- 100%
Boiling range: 76°C 225°C /169°F- 437°F
Gallon weight: 7.28- 12.87 lbs./gallon

Section IV - Fire and Explosion Data

Flash point (closed cup): 1085S, 1095S, 1120S, 1140S: less than 100°F; All others: less than 73°F
Flammable limits: 0.8%- 15.3%
Extinguishing media: Water spray, foam, carbon dioxide, dry chemical.
Special fire fighting procedures: Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fog nozzles may be used to cool closed containers

MSDS NO. 16 RS

MATERIAL SAFETY DATA SHEET

January 1, 1993

METAL TREATMENTS, LACQUER REMOVER, PAINT REMOVER

Section I - Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300 (CHEMTREC)

Product: Metal treatments, lacquer remover, paint remover (224S, 225S, 226S, 227S, 244S, 3907S, 5717S, 5662S)

D.O.T Hazard Class: 244S, 3907S: Flammable Liquid; All others: Corrosive material

Shipping Name: 224S, 227S: Compound, rust preventing NA 1760
225S, 5717S: Compound, cleaning, liquid NA 1760
5662S: Paint related material NA 1760
3907S: Paint related material UN 1263
244S: Flammable liquid, N.O.S. (Isopropanol), UN1993

Hazardous Materials Information: See Section X for ratings listed by product code.

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	CAS No.	Vapor Pressure (20°C.)	Exposure Limits *
1. Ammonia	1336-21-6	76	25 ppm-A 35 ppm-A,O 15 min(STEL)
2. Aromatic hydrocarbon	64742-95-6	10	25 ppm-A,O Trimethyl benzene
3. Chromic acid	1333-82-0	None	50 µg/m³A,O Cr
4. Ethylene glycolmonobutyl ether	111-76-2	0.6	25 ppm-A,O SKIN 10 ppm-D SKIN
5. Hydroxypropyl methyl cellulose	9004-67-5	None	None-A 15 mg/m³-O 5 mg/m³-O Respirable
6. Isopropyl alcohol	67-63-0	33	400 ppm-A,O 500 ppm-A,O 15 min(STEL)
7. Methylene chloride	75 09 2	340	50 ppm-A 500 ppm-O 100 ppm-D SKIN 1000 ppm-O CEILING 2000 ppm-O 5 min MAX
8. Octylphenoxypolyethoxyethanol surfactant	9036-19-5	1	None-A,O
9. Oleamide DEA	None	None	3 ppm A,O
10. Paraffin wax	8002-74-2	None	None-A,O
11. Phosphoric acid	7664-38-2	None	1 mg/m³-A,O 3 mg/m³ A,O 15 min(STEL)
12. Potassium fluoride	7789-23-3	None	2.5 mg/m³-A as F None-O
13. Tall oil	None	1	None A,O
14. Toluene	108 88-3	36.7	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
15. Water	7732-18-5	23.6	None-A,O
16. Zinc oxide	1314-13-2	None	10mg/m³-A,O Total dust; 5 mg/m³-O Respirable
17. Acetone	67-64-1	184	750 ppm-A,O; 1000 ppm-A,O 15 min (STEL)
18. Methyl alcohol	67-56-1	100	200 ppm-A,O SKIN 250 ppm-O Skin 15 min(STEL) 250 ppm-A 15 min(STEL)

A = ACGIH TLV; O = OSHA; D = DuPont internal limit; S = Supplier Furnished limit; STEL = Short Term Exposure Limit;
C = Ceiling.

Section III - Physical Data

Evaporation rate: Less than ether
Vapor Density: Heavier than air
Solubility in water: Miscible
Percent volatile by volume: 81%- 95%
Percent volatile by weight: 68%- 90%
Boiling range: 26°C- 190°C/ 79°F- 374°F
Gallon weight: 8.68- 9.66 lbs./gallon

Section IV - Fire and Explosion Data

Flash point (closed cup): 3907S: less than 20°F; 244S: less than 73°F; 5717S, 5662S: greater than 100°F, 224S, 225S, 226S, 227S: greater than 200°F
Flammable limits: 0.9%- 25.0%
Extinguishing media: Water spray, foam, carbon dioxide, dry chemical.
Special fire fighting procedures: Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fog nozzles may be used to cool closed containers to prevent pressure build up.
Unusual fire & explosion hazards: When heated above the flash point, emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

Section V - Health Hazard Data

General effects
Ingestion: Gastrointestinal distress. In the unlikely event of ingestion, call a physician immediately and have the names of ingredients available.
Inhalation: May cause nose and throat irritation. Repeated and prolonged overexposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. If affected by inhalation of vapor or spray mist, remove to fresh air. If breathing difficulty persists, or occurs later, consult a physician.
Skin or eye contact: May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis. In case of eye contact, immediately flush with plenty of water for at least 15 minutes; call a physician. In case of skin contact, wash with soap and water. If irritation occurs, contact a physician.
Specific Effects:

MSDS NO. 15 RS

MATERIAL SAFETY DATA SHEET

January 1, 1993

ENAMEL PRIMERS, CHROMATE PRIMER VARIPRIME® CORLAR®

Section I - Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300 (CHEMTREC)

Product: Enamel primers (215S, 614S, 615S, 616S, 620S, 824S, 825S, 828S, 1695S, 1697S, 1858S, 2085S, 2600S, 2603S, 2605S, 2610S, 3010S, 3011S, 3012S, 3055S, 9140S, 9145S, LF1697S, LF1858S,924S,925S, 926S, 1320S, 1695S, 1696S, 1855, 1856S, 1857S, 2640S)

D.O.T Hazard Class:: 215S: Consumer commodity ORMD; All others: Flammable Liquid

Shipping Name: 826S, 2603S, 2605S, 9145S: Driers, Paint, Liquid N.O.S. UN1168;
614S, 616S, 620S: Flammable liquid, Corrosive N.O.S. (Alcohol, Phosphoric Acid) UN 2924;
All others: Paint UN 1263

Hazardous Materials Information: 3010S, 3011S, 3012S, 3055S: H = 3, F = 3, R = 0;
All others: H = 2, F = 3, R = 0

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	CAS No.	Vapor Pressure (20°C)	Exposure Limits *
1. Acetone	67-64-1	184	750 ppm-A,O 1000 ppm-A,O 15 min (STEL)
2. Acrylic resin	9011-14-7	None	None-A,O
3. Alkyd resin	66070-61-9	None	None-A,O
4. Amorphous silica	7631-86-9	None	15 mg/m^3-O 5mg/m^3-O Resp 0.2 mg/m^3-A Resp 1 mg/m^3-A 15 min(STEL)
5. Aromatic hydrocarbon	64742-95-6	10	25 ppm-A,O Trimethyl benzene
6. Barium sulfate	7727-43-7	None	10 mg/m^3-A,O 5 mg/m^3 O Resp
7. Bisphenol A/ epichlorohydrin polymer	25036-25-3	None	None-A,O
8. Bisphenol- epichlorohydrintype polymer	25068-38 6	None	None-A,O
9. Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm-A,O 15 min (STEL)
10. Butyl benzyl phthalate	85-68-7	0.8	5.0 mg/m^3-D None-A,O
11. Calcium carbonate	471-34-1	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
12. Dehydrated castor oil	64147-40-6	None	None-A,O
13. Ethyl alcohol	64-17-5	None	1000 ppm-A,O
14. Heavy naphtha	64742-48-9	None	100.0 ppm-D None-A,O
15. Hydrous magnesium silicate	14807-96-6	None	2 mg/m^3-A,O Resp
16. Iron oxide	1309-37-1	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Respirable
17. Isobutyl alcohol	78-83-1	10	50 ppm-A,O
18. Isopropyl alcohol	67-63-0	33	400 ppm-A,O 500 ppm-A,O 15 min(STEL)
19. Kaolin	58425-86-8	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
20. Lead drier	61790-14-5	None	150 mg/m^3-A Lead 50.0 mg/m^3-O Lead
21. Medium mineral spirits	64742-88-7	None	100 ppm-D None-A,O
22. Methyl ethyl ketone	78-93-3	71	200 ppm-A,O 300 ppm-A,O 15 min(STEL)
23. Methyl isobutyl carbinol	108 11 2	2.2	25 ppm-A,O SKIN 40 ppm-A,O 15 min(STEL)
24. Methyl isobutyl ketone	108-10-1	15	50 ppm-A,; 75 ppm-A,O 15 min(STEL)
25. N-butyl alcohol	71-36-3	5.5	50 ppm-A,O C SKIN 25 ppm-D 50 ppm-D 15 min. TWA
26. Nitrocellulose	9005-70-0	None	None-A,O
27. Phenolic polymer	9003-35-4	None	None-A,O
28. Phosphoric acid	7664-38-2	None	1 mg/m^3-A,O 3 mg/m^3 15 min(STEL)
29. Polyamide polymer	None	None	None-A,O
30. Polyglycidyl ether	None	None	None-A,O
31. Propylene glycol methyl ether	107-98-2	10.9	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
32. Propylene glycol monomethyl ether acetate	108-65-6	3.8	None-A,O
33. Quartz- crystalline silica	14808 60 7	None	0.1 mg/m^3-A,O Resp
34. Titanium dioxide	13463-67-7	None	10 mg/m^3-A,O 5 mg/m^3-O Resp
35. Toluene	108-88-3	36.7	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
36. Vinyl resin	63148-65-2	None	None-A,O
37. VM&P Naphtha	64742-89-8	None	300 ppm-A,O 400 ppm-O 15 min(STEL) 100 ppm-D
38. Water	7732-18-5	23.6	None-A,O
39. Xylene	1330-20-7	25	100 ppm-A,O 150 ppm-A,O 15 min(STEL)

MSDS NO. 14 RS

MATERIAL SAFETY DATA SHEET

January 1, 1993

ACRYLIC LACQUER PRIMERS AND SEALERS

Section I - Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300
(CHEMTREC)

Product: Lacquer primers and sealers (30S, 70S, 80S, 100S, 110, 131S, 181S, 329S, 1984S, 1985S, 1986S, 1989S, 1990S, 2129S, 2184S)

D.O.T Hazard Class: Flammable Liquid

Shipping Name: Paint UN 1263

Hazardous Materials Information:
30S, 70S, 80S, 2184S: H = 2, F = 3, R = 2;
All others: H = 2, F = 3, R = 0

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	CAS No.	Vapor Pressure (20°C.)	Exposure Limits *
1. Acetone	67-64-1	184	750 ppm-A,O 1000 ppm-A,O 15 min (STEL)
2. Acrylic Polymer	25133-97-5	None	None-A,O
3. Acrylic Polymer	96591-17-2	None	None-A,O
4. Amorphous silica	7631-86-9	None	15 mg/m3 O 5mg/m3 O Resp 0.2 mg/m3-A Resp 1 mg/m3-A 15 min(STEL)
5. Aromatic hydrocarbon	64742-95-6	10	25 ppm-A,O as Trimethyl benzene
6. Barium sulfate	7727-43-7	None	10 mg/m^3-A,O 5 mg/m^3-O Resp
7. Bisphenol- epichlorohydrin type polymer	25068-38-6	None	None-A,O
8. Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm-A,O 15 min (STEL)
9. Butyl benzyl phthalate	85-68-7	0.8	5.0 mg/m^3-D None-A,O
10. Carbon black	1333-86-4	None	3.5 mg/m^3-A,O
11. Castor oil	68187-84-8	None	None-A,O
12. Dibutyl phthalate	84-74-2	1.0	5.0 mg/m^3-A,O
13. Ester gum	68038-41-5	None	None-A,O
14. Ethyl acetate	41-78-6	76	400 ppm-A,O
15. Ethyl alcohol	64-17-5	None	1000 ppm-A,O
16. Ethylene glycol monobutyl ether acetate	112-07-2	0.6	20 ppm-D SKIN None-A,O
17. Ethylene glycol monobutyl ether	111-76-2	0.6	25 ppm-A,O SKIN 10 ppm-D SKIN
18. Heavy bodied raw linseed oil	68649-95-6	None	None-A,O
19. Hydrous magnesium silicate	14807-96-6	None	2 mg/m^3-A,O Resp
20. Iron oxide	1309-37-1	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
21. Isopropyl alcohol	67-63-0	33	400 ppm-A,O; 500 ppm-A,O 15 min(STEL)
22. Kaolin	58425-86-8	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
23. Methyl alcohol	67-56-1	100	200 ppm-A,O SKIN 250 ppm-O Skin 15 min(STEL) 250 ppm-A 15 min(STEL)
24. Methyl ethyl ketone	78-93-3	71	200 ppm-A,O 300 ppm-A,O 15 min(STEL)
25. Methyl isoamyl ketone	110-12-3	4.5	50 ppm-A,O
26. Methyl isobutyl carbinol	108-11-2	2.2	25 ppm-A,O SKIN 40 ppm-A,O 15 min(STEL)
27. Methyl isobutyl ketone	108-10-1	15	50 ppm-A,O 75 ppm-A,O 15 min(STEL)
28. Nitrocellulose	9005-40-0	None	None-A,O
29. Pine oil	8002-09-3	1	None A,O
30. Polyester resin	64296-27-1	None	None-A,O
31. Propylene glycol methyl ether	107-98-2	10.9	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
32. Shellac	9000-59-3	None	None-A,O
33. Soya lecithin	90320-57-3	None	None-A,O
34. Titanium dioxide	13463-67-7	None	10 mg/m^3-A 5 mg/m^3-O Resp
35. Toluene	108-88-3	36.7	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
36. Vinyl resin	63148-65-2	None	None-A,O
37. VM&P Naphtha	64742-89-8	None	300 ppm-A,O 400 ppm-O 15 min(STEL) 100 ppm D 15 mg/m^3-O
38. Xylene	1330-20-7	25	100 ppm A,O 150 ppm-A,O 15 min(STEL)
39. Zinc oxide	1314-13-2	None	10mg/m^3-A,O Total dust; 5 mg/m^3-O Resp
40. Zinc phosphate	7779-90-0	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp

MSDS NO. 13 RS

MATERIAL SAFETY DATA SHEET

January 1, 1993

ADDITIVES FOR TOPCOATS

Section I - Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300 (CHEMTREC)

Product: Additives (189S, 259S, 289S, 389S, 4528S, 4530S, 5450S, LF-5450S, 7007S, 903S, 929-5050, FEE, 4530S)

D.O.T Hazard Class: Flammable Liquid

Shipping Name: 7007S: Resin solution UN 1866; 929-5050, 4528S, and 4350S: Paint UN 1263; All others: Driers, paint, liquid N.O.S. UN 1168

Hazardous Materials Information: 5450S, LF5450S and 903S: H = 2, F = 2, R = 0; 259S, 289S, and FEE: H = 1, F = 3, R = 0; All others: H = 2, F = 3, R = 0

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	*CAS No.*	*Vapor Pressure (20°C.)*	*Exposure Limits **
1. Acrylic resin	80010-53-3	None	None-A,O
2. Alkyd resin	66070-60-8	None	None-A,O
3. Amorphous silica	7631-86-9	None	15 mg/m^3-O 5mg/m^3-O Resp 0.2 mg/m^3-A Resp 1 mg/m^3-A 15 min(STEL)
4. Aromatic hydrocarbon	64742-95-6	10	25 ppm-A,O as Trimethyl benzene
5. Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm-A,O 15 min (STEL)
6. Calcium/bismuth drier	None	None	50 µg/m^3-A 0.2 mg/m3-O 0.6 mg/m3-O CEILING
7. Cobalt naphthenate	61789-51-3	None	50µg/m^3-A,O Co
8. Cobalt octoate	136 52-7	None	50µg/m^3 A,O Co
9. Dibutyl tin dilaurate	77-58-7	0.2	0.1 mg/m3-A,O Skin as Sn
10. Ethyl acetate	141-78-6	78	400 ppm-A,O
11. Ethyl 3-ethoxy propionate	763-69-9	Unknown	None-A,O
12. Formaldehyde	50-00-0	None	1 ppm-A,O 2 ppm-A,O 15min(STEL)
13. Heavy naphtha	64742-48-8	None	None-A,O 100 ppm-D
14. Hydrous magnesium silicate	14807-96-6	None	2 mg/m^3-A,O Resp
15. Isobutyl acetate	110-19-0	12.5	150 ppm-A,O
16. Isopropyl alcohol	67-63-0	33	400 ppm-A,O 500 ppm-A,O 15 min(STEL)
17. Lead drier	61790-14-5	None	150µg/m^3-A Lead 50µg/m^3-O Lead
18. Manganese naphthenate	61788-57-6	None	5 mg/m^3-A Mn 5 mg/m^3-O CEILING Mn
19. Medium mineral spirits	64742-88-7	None	100 ppm-D None-A,O
20. Melamine resin	None	None	None-A,O
21. Methyl ethyl ketone	78-93-3	71	200 ppm-A,O; 300 ppm-A,O 15 min(STEL)
22. Methyl ethyl ketoxime	96-29-7	10	50 ppm-D None-A,O
23. N-butyl alcohol	71-36-3	5.5	50 ppm-A,O C SKIN 25 ppm-D 50 ppm-D 15 min. TWA
24. Organophillic clay	71011-26-2	None	None-A,O
25. Propylene glycol monomethyl ether acetate	108-65-6	3.7	None-A,O
26. Silicone fluid	63148-62-9	5	None-A,O
27. Silicone resin	9016-00-6	None	None-A,O
28. Toluene	108-88-3	36.7	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
29. VM&P Naphtha	64742-89-8	None	300 ppm-A,O; 400 ppm-O 15 min(STEL) 100 ppm-D
30. Xylene	1330-20-7	25	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
31. 2,4 Pentanodione	123 54 6	7	10 ppm-D None-A,O

A = ACGIH TLV; O = OSHA; D = DuPont internal limit; S = Supplier Furnished limit; STEL = Short Term Exposure Limit; C = Ceiling.

Section III - Physical Data

Evaporation rate: Less than ether
Vapor Density: Heavier than air
Solubility in water: Miscible
Percent volatile by volume: 51.8%- 99.9%
Percent volatile by weight: 41.8%- 99.9%
Boiling range: 76°C- 322°C/ 169°F- 612°F
Gallon weight: 7.16- 11.41 lbs./gallon

Section IV - Fire and Explosion Data

Flash point (closed cup): LF-5450S and 903S: greater than 100°F; 289S, 4528S, 4530S, and 929-5050: less than 73°F; All others: less than 100°F
Flammable limits: 0.9%- 16.0%
Extinguishing media: Water spray, foam, carbon dioxide, dry chemical.

MSDS NO. 12 RS

MATERIAL SAFETY
DATA SHEET

January 1, 1993

ISOCYANATE ACTIVATORS, HARDNERS AND ADDITIVES

Section I - Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300
(CHEMTREC)

Product: Isocyanate activators, hardners and additives (77S, 192S, 193S, 195S, 582S, 782S, 792S, 793S, VG-Y-1421, 2000S Part B, 7005S,8705s)

D.O.T Hazard Class: Flammable Liquid

Shipping Name: Driers,paint, liquid N.O.S. UN 1168

Hazardous Materials Information: 793S: H = 3, F = 2, R = 1; All others: H = 3, F = 3, R = 1

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	CAS No.	Vapor Pressure (20°C)	Exposure Limits *
1. Aliphatic polyisocyanate resin	28182-81-2	None	0.5 mg/m^3-S 1 mg/m^3-S 15 min (STEL) None-A,O
2. Aromatic hydrocarbon	64742-95-6	10	25 ppm-A,O Trimethyl benzene
3. Bis(1-2,2,5,6- pentamethyl-4-piperdinyl) sebacate	41556-26-7	6.0	None-A,O
4. Bis(2,2,6,6,- tetramethyl-4piperidyl) sebacate	52829-07-9	Unknown	0.1 mg/m^3-S None-A,O
5. Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm-A,O 15 min (STEL)
6. Dibutyl tin dilaurate	77-58-7	0.2	0.1 mg/m3 A,O Skin as Sn
7. Diethylene glycol monobutyl ether	112-34-5	0.1	5 ppm-D None-A,O
8. Diisobutyl ketone	108 83-8	1.7	25 ppm-A,O
9. Ethyl acetate	141-78-6	76	400 ppm-A,O
10. Ethylene glycol monobutyl ether acetate	112-07-2	0.3	20 ppm-D SKIN None-A,O
11. Toluene	108-88-3	36.7	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
12. Trimer of Isophorone Diisocyanate	53895-32-2	None	None-A,O
13. Trixylenyl phosphate	25155-23-1	1	None-A,O
14. 1,6 Hexamethylene diisocyanate	822-06-0	None	5 ppb-A 10 ppb-O CEILING
15. 2(2-Hydroxy-3, 5-diteramylphenyl) benzotriazole	25973-55-1	Unknown	None-A,O
16. Aliphatic polymeric isocyanate	3779-63-3	None	0.5 mg/m^3-S 1 mg/m^3-S 15 min (STEL) None-A,O
17. Xylene	1330-20-7	25	100ppm - A,O 150 ppm,-A,O 15 min (STEL)

A = ACGIH TLV; O = OSHA; D = DuPont internal limit; S = Supplier Furnished limit; STEL = Short Term Exposure Limit; C = Ceiling.

Section III - Physical Data

Evaporation rate: Less than ether
Vapor Density: Heavier than air
Solubility in water: Miscible
Percent volatile by volume: 19.4%- 80.9%
Percent volatile by weight: 15.3%- 76.2%
Boiling range: 76°C- 472°C/ 169° F- 882°F
Gallon weight: 7.71- 9.20 lbs./gallon

Section IV - Fire and Explosion Data

Flash point (closed cup): VG-Y-1421: less than 100°F; All others: less than 73°F.
Flammable limits: 0.8%- 11.2%
Extinguishing media: Water spray, foam, carbon dioxide, dry chemical. **Special fire fighting procedures:** Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fog nozzles may be used to cool closed containers to prevent pressure build up
Unusual fire & explosion hazards: When heated above the flash point, emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

Section V - Health Hazard Data

General effects
Ingestion: Gastrointestinal distress. In the unlikely event of ingestion, call a physician immediately and have the names of ingredients available.
Inhalation: May cause nose and throat irritation. Repeated and prolonged overexposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. Exposure to isocyanates may cause respiratory sensitization. This effect may be permanent. This effect may be delayed for several hours after exposure. Repeated overexposure to isocyanates may cause a decrease in lung function which may be permanent. Individuals with or breathing problems or prior reaction to isocyanates must not be exposed to vapors or spray mist of this product. If affected by inhalation of vapor or spray mist, remove to fresh air. If breathing difficulty persists, or occurs later, consult a physician.
Skin or eye contact: May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis. In case of eye contact, immediately flush with plenty of water for at least 15 minutes; call a physician. In case of skin contact, wash with soap and water. If irritation occurs, contact a physician.
Specific Effects:
Aliphatic polyisocyanate resin: Repeated exposure may cause allergic skin rash, itching, swelling. May cause eye irritation with discomfort, tearing, or blurred vision. Repeated overexposure to isocyanates may cause lung injury, including a decrease in lung function, which may be permanent. Overexposure may cause asthma like reactions with shortness of breath, wheezing, cough, which may be permanent; or permanent lung sensitization. This effect may be delayed for several hours after

MSDS NO. 11 RS

MATERIAL SAFETY DATA SHEET

January 1, 1993

ENAMEL REDUCERS

Section I - Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300 (CHEMTREC)

Product: Enamel Reducers (1700S, 3812S, 3832S, 3864S, 7075S, 7085S, 7095S, 8022S, 8034S, 8093S, 8096S, 8100S, 8485S, 8508S, 8522S, 8575S, 8585S, 8595S, Y-3812S, Y-3832S, Y-3864S, Y-8508S, Y-8522S)

D.O.T Hazard Class: Flammable Liquid

Shipping Name: Paint Related Material UN 1263

Hazardous Materials Information: H= 2, F= 3, R= 0

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	*CAS No.*	*Vapor Pressure (20oC.)*	*Exposure Limits **
1. Acetone	67 64-1	184	750 ppm-A,O 1000 ppm-A,O 15 min (STEL)
2. Aromatic hydrocarbon	64742-95-6	10	25 ppm-A,O Trimethyl benzene
3. Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm-A,O 15 min [STEL]
4. Diethylene glycol monobutyl ether	112-34-5	0.1	5 ppm-D None-A,O
5. Diisobutyl ketone	108-83-8	1.7	25 ppm-A,O
6. Ethyl acetate	141-78-6	76	400 ppm-A,O
7. Ethylene glycol monobutyl ether acetate	112-07-2	0.3	20 ppm-D SKIN None-A,O
8. Isopropyl alcohol	67-63-0	33	400 ppm-A,O 500 ppm-A,O 15 min(STEL)
9. Lead drier	61790-14 5	None	150 µg/m3-A Lead 50.0 µg/m3-O Lead
10. Medium mineral spirits	64742-88-7	None	100 ppm-D None-A,O
11. Methyl alcohol	67-56-1	100	200 ppm-A,O SKIN 250 ppm-O Skin 15 min(STEL) 250 ppm-A 15 min(STEL)
12. Methyl amyl ketone	110-43-0	2.2	50 ppm-A,O
13. Methyl ethyl ketone	78-93-3	71	200 ppm-A,O 300 ppm-A,O 15 min(STEL)
14. Mixed dibasic esters	None	0.2	10 mg/m3-D None-A,O
15. N-butyl alcohol	71 36-3	6.6	50 ppm-A,O C SKIN 25 ppm-D 50 ppm-D 15 min. TWA
16. Propylene glycol monomethyl ether acetate	108-65-6	3.8	None-A,O
17. Toluene	108-88-3	36.7	100 ppm A,O 150 ppm-A,O 15 min(STEL)
18. VM&P Naphtha	64742-89-8	None	300 ppm-A,O; 400 ppm-O 15 min(STEL) 100 ppm-D 15 mg/m3-O
19. Xylene	1330-20-7	25	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
20. 2,2,4 Trimethyl- 1,3 pentanediol monoisobutyrate	25265-77-4	40	None-A,O

A = ACGIH TLV; O = OSHA; D = DuPont internal limit; S – Supplier Furnished limit; STEL = Short Term Exposure Limit; C = Ceiling.

Section III - Physical Data

Evaporation rate: Less than ether
Vapor Density: Heavier than air
Solubility in water: Miscible
Percent volatile by volume: 99.6%- 100%
Percent volatile by weight: 99.4%- 100%
Boiling range: 54°C- 245°C/ 129°F- 473°F
Gallon weight: 6.37- 7.50 lbs./gallon

Section IV - Fire and Explosion Data

Flash point (closed cup): 1700S, Y3832S, Y8508S, Y8522S, 8585S, 8575S, 8022S, 8093S, 8096S: less than 20oF;
3812S, 3864S, Y3864S, Y3812S, 7075S, 7085S, 7095S, 8034S, 8485S, 8508S: less than 73oF;
3832S, 8100S, 8522S: less than 100oF;
8595S: greater than 100oF.

Flammable limits: 0.6%- 36.5%

Extinguishing media: Water spray, foam, carbon dioxide, dry chemical. Special fire fighting procedures: Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fog nozzles may be used to cool closed containers to prevent pressure build up.

Unusual fire & explosion hazards: When heated above the flash point, emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

Section V - Health Hazard Data

General effects

Ingestion: Gastrointestinal distress. In the unlikely event of ingestion, call a physician immediately and have the names of ingredients available.

Inhalation: May cause nose and throat irritation. Repeated and prolonged overexposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. If affected by inhalation of vapor or spray mist, remove to fresh air. If breathing difficulty persists, or occurs later, consult a physician.

Skin or eye contact: May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis. In case of eye contact, immediately flush with plenty of water for at least 15 minutes; call a physician. In case of skin contact, wash with soap and water. If irritation occurs, contact a physician.

Specific Effects:

Aromatic Hydrocarbon: Laboratory studies with rats have shown that petroleum distillates cause kidney damage and kidney or liver tumors. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tu-

MATERIAL SAFETY
DATA SHEET

January 1, 1993

SYNTHETIC ENAMEL, TRACTOR AND IMPLEMENT ENAMELS ALUMINUM PAINTS, SPATTER FINISHES

Section I - Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300 (CHEMTREC)

Product: Synthetic Enamel, Tractor and Implement Enamels, Aluminum Paints, and Spatter Finishes (250S, 252S, 253S, 256S, 257S, 781S, 789S)

D.O.T Hazard Class: Flammable Liquid

Shipping Name: Paint UN 1263

Hazardous Materials Information: 781S, 789S: H = 2, F = 3, R = 1;
All others: H = 2, F = 3, R = 0

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	*CAS No.*	*Vapor Pressure (20°C.)*	*Exposure Limits **
1. Acetone	67-64-1	184	750 ppm-A,O 1000 ppm-A,O 15 min (STEL)
2. Acrylic Polymer	96591-17-2	None	None-A,O
3. Alkyd resin	None	None	None-A,O
4. Aluminum	7429-90-5	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
5. Aromatic hydrocarbon	64742-95-6	10	25 ppm-A,O as Trimethyl benzene
6. Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm-A,O 15 min (STEL)
7. Carbon black	1333-86-4	None	3.5 mg/m^3-A,O
8. Ester gum	68039-41-5	None	None-A,O
9. Iron oxide	1309-37-1	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
10. Lead chromate	1344-37-2	None	50 µg/m3-A,O Pb 12 µg/m3-A Cr 50 µg/m3-O Cr
11. Lead chromate molybdate	12656-85-8	None	50 µg/m3-A,O Pb 12 µg/m3-A Cr 50 µg/m3-O Cr
12. Lead chromate	18454-12-1	None	50 mg/m3-A,O Pb 12 µg/m3-A Cr 50 µg/m3-O Cr
13. Lead drier	61790-14-5	None	150 µg/m^3-A Lead 50 µg/m^3-O Lead
14. Linseed oil	8001-26-1	None	10 mg/m^3-A 15 mg/m^3-O; 5 mg/m^3-O Respirable
15. Medium mineral spirits	64742-88-7	None	100 ppm-D None-A,O
16. Methyl ethyl ketone	78-93-3	71	200 ppm A,O 300 ppm-A,O 15 min(STEL)
17. Perylene pigment	128-69-8	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
18. Phthalocyanine blue pigment	147-14-8	None	10 mg/m3-A 15 mg/m3-O 5 mg/m3-O Resp
19. Phthalocyanine green pigment	1328-53-6	None	10 mg/m3-A 15 mg/m3-O 5 mg/m3-O Resp
20. Quinacridone pigment	1047-16-1	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
21. Titanium dioxide	13463-67-7	None	10 mg/m^3-A,O 5 mg/m^3-O Resp
22. Toluene	108 88 3	36.7	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
23. Toluidine pigment	None	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
24. VM&P Naphtha	64742-89-8	None	300 ppm-A,O 400 ppm-O 15 min(STEL) 100 ppm-O
25. Xylene	1330-20-7	25	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
26. Cobalt naphthenate	61789-51-3	None	50µg/mg/m^3-A,O Co

A = ACGIH TLV; O = OSHA; D = DuPont internal limit; S = Supplier Furnished limit; STEL = Short Term Exposure Limit; C = Ceiling.

Section III - Physical Data

Evaporation rate: Less than ether
Vapor Density: Heavier than air
Solubility in water: Miscible
Percent volatile by volume: 59.2%- 69.9%
Percent volatile by weight: 49.1%- 61.8%
Boiling range: 54°C- 190°C
Gallon weight: 7.65- 9.05 lbs./gallon

Section IV - Fire and Explosion Data

Flash point (closed cup): 789S: greater than 100°F; All others: less than 73°F
Flammable limits: 0.8%- 13.1%
Extinguishing media: Water spray, foam, carbon dioxide, dry chemical.

MATERIAL SAFETY
DATA SHEET

January 1, 1993

VINYL ENAMELS, CHASSIS BLACK
DUCO® BLACK, VINYL CLEARS

Section I - Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300
(CHEMTREC)

Product: Vinyl Enamels, Chassis Black, Duco® Black, Vinyl Clears (304S, 305S, 306S)
D.O.T Hazard Class: Flammable Liquid
Shipping Name: Paint UN 1263
Hazardous Materials Information: H = 2, F = 3, R = 0

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	*CAS No.*	*Vapor Pressure (20°C.)*	*Exposure Limits **
1. Acetone	67-64-1	184	750 ppm-A,O 1000 ppm-A,O 15 min (STEL)
2. Acrylic Polymer	9011-14-7	None	None-A,O
3. Amorphous silica	7631-86-9	None	15 mg/m^3-O 5mg/m^3-O Resp 0.2 mg/m^3-A Resp 1 mg/m^3-A 15 min(STEL)
4. Asphalt	8052-42-4	None	5 mg/m^3-A None-O
5. Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm-A,O 15 min (STEL)
6. Carbon black	1333-86-4	None	3.5 mg/m^3-A,O
7. Castor oil	68187-84-8	None	None-A,O
8. Epoxidized soybean oil	None	None	None-A,O
9. Ester gum	68038-41-5	None	None-A,O
10. Gilsonite	None	None	None-A,O
11. Isopropyl alcohol	67-63-0	33	400 ppm-A,O; 500 ppm-A,O 15 min(STEL)
12. Nitrocellulose	9004-70-0	None	None A,O
13. Medium mineral spirits	64742-88-7	None	100 ppm-D None-A,O
14. Methyl ethyl ketone	78-93-3	71	200 ppm-A,O; 300 ppm-A,O 15 min(STEL)
15. Methyl isobutyl ketone	108-10-1	15	50 ppm-A,O; 75 ppm-A,O 15 min(STEL)
16. Mixed dibasic esters	None	0.2	10 mg/m^3-D None-A,O
17. Propylene glycol monomethyl ether acetate	108-65-6	3.7	None-A,O
18. Titanium dioxide	13463-67-7	None	10 mg/m^3-A,O 5 mg/m^3-O Resp
19. Toluene	108-88-3	36.7	100 ppm A,O 150 ppm-A,O 15 min(STEL)
20. Vinyl chloride- acetate polymer	9003-22-9	None	10 mg/m^3-A 15 mg/m^3-O
21. VM&P Naphtha	64742-89-8	None	300 ppm-A,O 400 ppm-O 15 min(STEL) 100 ppm-D
22. Xylene	1330-20-7	25	100 ppm-A,O 150 ppm-A,O 15 min(STEL)

A = ACGIH TLV; O = OSHA; D = DuPont internal limit; S = Supplier Furnished limit; STEL = Short Term Exposure Limit; C = Ceiling.

Section III - Physical Data

Evaporation rate: Less than ether
Vapor Density: Heavier than air
Solubility in water: Miscible
Percent volatile by volume: 61%- 92%
Percent volatile by weight: 52%- 88%
Boiling range: 54°C- 225°C/ 129°F- 437°F
Gallon weight: 7.05- 7.80 lbs./gallon

Section IV - Fire and Explosion Data

Flash point (closed cup): 140S: less than 73°F; All others: less than 20°F.
Flammable limits: 1.0%- 13.1%
Extinguishing media: Water spray, foam, carbon dioxide, dry chemical.
Special fire fighting procedures: Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fog nozzles may be used to cool closed containers to prevent pressure build up.
Unusual fire & explosion hazards: When heated above the flash point, emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

Section V - Health Hazard Data

General effects
Ingestion: Gastrointestinal distress. In the unlikely event of ingestion, call a physician immediately and have the names of ingredients available.
Inhalation: May cause nose and throat irritation. Repeated and prolonged overexposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. If affected by inhalation of vapor or spray mist, remove to fresh air. If breathing difficulty persists, or occurs later, consult a physician.
Skin or eye contact: May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis. In case of eye contact, immediately flush with plenty of water for at least 15 minutes; call a physician. In case of skin contact, wash with soap and water. If irritation occurs, contact a physician.

Specific Effects:

MSDS NO. 8 RS

MATERIAL SAFETY
DATA SHEET

January 1, 1993

CLEAR ENAMEL TOPCOATS

Section I - Manufacturer
Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898
Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300 (CHEMTREC)
Product: Clear Enamel Topcoats (500S, 580S, 780S)
D.O.T Hazard Class: Flammable Liquid
Shipping Name: Paint UN 1263
Hazardous Materials Information: H=2, F=3, R=0

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	*CAS No.*	*Vapor Pressure (20°C)*	*Exposure Limits **
1. Acrylic polymer	80010-53-3	None	NoneA None O
2. Ethyl acetate	141-78-6	76	400 ppm-A,O
3. Methyl ethyl ketone	78-93-3	71	200 ppm-A,O 300 ppm-A,O 15 min(STEL)
4. Polyester resin	None	None	None-A,O
5. Propylene glycol monomethyl ether acetate	108-65-6	3.7	None-A,O
6. Toluene	108-88-3	36.7	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
7. Xylene	1330-20-7	25	100 ppm-A,O 150 ppm-A,O 15 min(STEL)

A = ACGIH TLV; O = OSHA; D = DuPont internal limit; S = Supplier Furnished limit; STEL = Short Term Exposure Limit; C = Ceiling.

Section III - Physical Data
Evaporation rate: LESS THAN ETHER
Vapor Density: HEAVIER THAN AIR
Solubility in water: MISCIBLE
Percent volatile by volume: 72.8%- 74.8%
Percent volatile by weight: 68.4%- 70.0%
Boiling range: 76.0°C- 155.0°C/168.8°F- 311.0°F
Gallon weight: 8.08- 8.30 lbs./gallon

Section IV - Fire and Explosion Data
Flash point (closed cup): less than 73°F
Flammable limits: 1.0%- 13.1%
Extinguishing media: Water spray, foam, carbon dioxide, dry chemical.
Special fire fighting procedures: Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fog nozzles may be used to cool closed containers to prevent pressure build up.
Unusual fire & explosion hazards: When heated above the flash point, emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

Section V - Health Hazard Data
General effects
Ingestion: Gastrointestinal distress. In the unlikely event of ingestion, call a physician immediately and have the names of ingredients available.
Inhalation: May cause nose and throat irritation. Repeated and prolonged overexposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high.If affected by inhalation of vapor or spray mist, remove to fresh air. If breathing difficulty persists, or occurs later, consult a physician.
Skin or eye contact: May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis. In case of eye contact, immediately flush with plenty of water for at least 15 minutes; call a physician. In case of skin contact, wash with soap and water. If irritation occurs, contact a physician.
Specific Effects:
Ethyl acetate: Prolonged and repeated high exposures of laboratory animals resulted in secondary anemia with and increase in white blood cells; fatty degeneration, cloudy swelling and excess of blood in various organs. **Methyl ethyl ketone:** High concentration have caused embryotoxic effects in laboratory animals. Methyl ethyl ketone has been demonstrated to potentiate (i.e., shorten the time of onset) the peripheral neuropathy caused by either n-hexane or methyl n-butyl ketone. MEK by itself has not been demonstrated to cause peripheral neuropathy. Liquid splashes in the eye may result in chemical burns. **Propylene glycol monomethyl ether acetate:** May cause moderate eye burning. Recurrent overexposure may result in liver and kidney injury. **Toluene:** Recurrent overexposure may result in liver and kidney injury. High airborne levels have produced irregular heart beats in animals and occasional palpitations in humans. Rats exposed to very high airborne levels have exhibited high frequency hearing deficits. The significance of this to man is unknown. **Xylene:** High concentration have caused embryotoxic effects in laboratory animals. Recurrent overexposure may result in liver and kidney injury. Can be absorbed through the skin in harmful amounts.

Section VI - Reactivity Data
Stability: Stable
Incompatibility (materials to avoid): None reasonably foreseeable
Hazardous decomposition products: CO, CO2, smoke.
Hazardous polymerization: Will not occur.

Section VII - Spill or Leak Procedures
Steps to be taken in case material is released or spilled: Ventilate area. Remove sources of ignition. Prevent skin contact and breathing of vapor. Wear a property fitted vapor/particulate respirator (NIOSH/MSHA TC-23C). Confine and remove with inert absorbent.
Waste disposal method: Do not allow material to contaminate ground water systems. Incinerate absorbed material in accordance with federal, state, and local requirements. Do not incinerate in closed containers.

Section VIII - Special Protection Information
Respiratory: Do not breathe vapors or mists.
Wear a properly fitted vapor/particulate respirator approved by NIOSH/MSHA (TC-23C) for use with paints during application and until all vapors and spray mists are exhausted. In confined spaces or in situations where continuous spray operations are typical or proper respirator fit is not possible, wear a positive-pressure, supplied air respirator (TC 19C). In all cases, follow

MSDS NO. 7 RS

MATERIAL SAFETY
DATA SHEET

January 1, 1993

IMRON® POLYURETHANE ENAMEL

Section I - Manufacturer
Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898
Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300
(CHEMTREC)
Product: Imron® Polyurethane Enamel Tints
D.O.T Hazard Class: Flammable Liquid
Shipping Name: Paint UN 1263
Hazardous Materials Information: See Section X for HFR ratings listed by product code.

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	*CAS No.*	*Vapor Pressure (20°C)*	*Exposure Limits **
1. Acrylic resin	80010-53 3	None	None-A,O
2. Aluminum	7429-90-5	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
3. Aromatic hydrocarbon	64742-95-6	10	25 ppm-A,O Trimethyl benzene
4. Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm-A,O 15 min (STEL)
5. Carbon black	1333-86-4	None	3.5 mg/m^3-A,O;
6. Cellulose acetate butyrate	9004-36-8	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
7. Chrome-antimony titanate	68186-90-3	None	0.5 mg/m^3-A,O (SB)
8. Dioxazine carbozole pigment	4378-61-4	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Respirable
9. Ethyl acetate	141-78-6	76	400 ppm-A,O
10. Iron oxide	1309-37-1	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3 O Resp
11. Isoindolinone pigment	36888-99-0	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
12. Lead chromate	18454-12-1	None	50 µg/m^3-A,O Pb 12 µg/m^3-A Cr; 50 µg/m^3-O Cr
13. Lead chromate molybdate	12656-85-8	None	50 µg/m^3-A,O Pb 12 µg/m^3-A Cr; 50 µg/m^3-O Cr
14. Medium mineral spirits	64742-88-7	None	100 ppm-D None-A,O
15. Methyl ethyl ketone	78 93 3	71	200 ppm-A,O 300 ppm-A,O 15 min(STEL)
16. Monoazo pigment	12236-62-3	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Respirable
17. N-butyl alcohol	71-36-3	5.5	50 ppm-A,O C SKIN 25 ppm-D 50 ppm-O 15 min. TWA
18. Nickel, Antimony, Titanium Yellow Pigment	8007-18-9	None	0.5 mg/m^3-A,O (SB) 50 µg/m^3-A Nickel
19. Phthalocyanine blue pigment	147-14-8	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
20. Phthalocyanine green pigment	1328-53-6	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
21. Propylene glycol monomethyl ether acetate	108-65-6	3.7	None-A,O
22. Quinacridone pigment	1047-16-1	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
23. Tetrachloro- isonsolinone yellow pigment	5590-18-1	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
24. Titanium dioxide	13463-67-7	None	10 mg/m^3-A,O 5 mg/m^3-O Resp
25. Toluene	108-88-3	36.7	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
26. VM&P Naphtha	64742-89-8	None	300 ppm-A,O; 400 ppm-O 15 min(STEL) 100 ppm-D
27. Xylene	1330-20-7	25	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
28. Basic nickel carbonate	12607-70-4	None	50 µg/m^3 A Nickel 1 mg/m^3 O

A = ACGIH TLV; O = OSHA; D = DuPont internal limit;
S = Supplier Furnished limit; STEL = Short Term Exposure Limit;
C = Ceiling.

Section III - Physical Data
Evaporation rate: Less than ether
Vapor Density: Heavier than
Solubility in water: Miscible
Percent volatile by volume: 61%- 69%
Percent volatile by weight: 43%- 64%
Boiling range: 76°C- 190°C/ 169°F- 374°F
Gallon weight: 8.25- 11.17 #/gallon

Section IV - Fire and Explosion Data
Flash point (closed cup): 520u, 521U, 522U, 523U: - 100°F;
All others: - 73°F
Flammable limits: 0.9%- 23.0%
Extinguishing media: Water spray, foam, carbon dioxide, dry chemical.

MSDS NO. 6 RS

MATERIAL SAFETY DATA SHEET

January 1, 1993

DULUX® ALKYD ENAMEL

Section I - Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300 (CHEMTREC)

Product: Dulux® Alkyd Enamel Tints, Miscellaneous Factory Packaged Codes

D.O.T Hazard Class: Flammable Liquid

Shipping Name: Paint UN 1263

Hazardous Materials Information: H= 2, F= 3, R= 0

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	*CAS No.*	*Vapor Pressure (20°C.)*	*Exposure Limits **
1. Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm-A,O 15 min (STEL)
2. N-butyl alcohol	71-36-3	5.5	50 ppm-A,O C SKIN 25 ppm-D 50 ppm-D 15 min. TWA
3. Methyl ethyl ketone	78-93-3	71	200 ppm-A,O; 300 ppm-A,O 15 min(STEL)
4. Toluene	108-88-3	36.7	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
5. Xylene	1330-20-7	25	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
6. Aromatic hydrocarbon	64742-95-6	10	25 ppm-A,O Trimethyl benzene
7. Triethylamine	121-44-8	52	10 ppm-A,D 15 ppm-A,O 15 min(STEL)
8. Ferric ferrocyanide pigment	14038-43-8	None	10 mg/m^3-A 15 mg/m^3-O; 5 mg/m^3-O Resp
9. Lead chromate	1344-37-2	None	50 µg/m3-A,O Pb 12 µg/m3-A Cr; 50 µg/m3-O Cr
10. Alkyd resin	66070-61-9	None	None-A,O
11. Acrylic Polymer	96591-17-2	None	None-A,O
12. Alkyd resin	None	None	None-A,O
13. Aluminum	7429-90-5	None	10 mg/m^3-A 15 mg/m^3-O; 5 mg/m^3-O Resp
14. Carbon black	1333 86-4	None	3.5 mg/m^3-A,O;
15. Iron oxide	1309-37-1	None	10 mg/m^3-A 15 mg/m^3-O; 5 mg/m^3-O Resp
16. Dioxazine carbozole pigment	4378-61-4	None	10 mg/m^3-A; 15 mg/m^3-O; 5 mg/m^3-O Resp
17. Tetrachloro-isoindolinone yellow pigment	5590-18-1	None	10 mg/m^3-A 15 mg/m^3-O; 5 mg/m^3-O Resp
18. Lead chromate molybdate	12656 85-8	None	50 µg/m3-A,O Pb 12 µg/m3-A Cr 50 µg/m3-O Cr
19. Lead chromate	18454-12-1	None	50 µg/m3-A,O Pb 12 µg/m3-A Cr 50 µg/m3-O Cr
20. Monoazo pigment	12236-62-3	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
21. Perylene pigment	128-69-8	None	10 mg/m^3-A 15 mg/m^3-O; 5 mg/m^3-O Resp
22. Phthalocyanine blue pigment	147 14 8	None	10 mg/m3-A 15 mg/m3-O 5 mg/m3-O Resp
23. Phthalocyanine green pigment	1328-53-6	None	10 mg/m3-A 15 mg/m3-O 5 mg/m3-O Resp
24. Quinacridone pigment	1047-16-1	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
25. VM&P Naphtha	64742-89-8	None	300 ppm-A,O 400 ppm-O 15 min(STEL) 100 ppm-D
26. Medium mineral spirits	64742-88-7	None	100 ppm-D None-A,O
27. Thio fast red- thio indigo pigment	14295-43-3	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
28. Titanium dioxide	13463-67-7	None	10 mg/m^3-A,O 5 mg/m^3-O Resp
29. Toluidine pigment	None	None	10 mg/m^3-A,O 5 mg/m^3-O Resp
30. Lead drier	61790-14 5	None	150 mg/m^3-A Lead 50.0 mg/m^3-O Lead
31. Aromatic hydrocarbon	64742-94-5	10	100 ppm-D None-A,O
32. Heavy mineral spirits	64742-96-7	None	100 ppm-D None-A,O
33. Basic nickel carbonate	12607-70-4	None	50 µg/m^3 A as Ni 1.0 mg/m^3 - O as Ni

A = ACGIH TLV; O = OSHA; D = DuPont internal limit; S = Supplier Furnished limit; STEL = Short Term Exposure Limit; C = Ceiling.

Section III - Physical Data

Evaporation rate: Less than ether

MSDS NO. 5 RS

MATERIAL SAFETY DATA SHEET

January, 1, 1993

CENTARI® & LUCITE® BASEMAKERS

Section I -Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441 7515
Medical emergency (800) 441 3637
Transportation emergency (800) 424-9300 (CHEMTREC)

Product: Centari® & Lucite® Basemakers (8260S, 8265S, 8275S, 8280S, 8365S, 8375S, V8265S, V8275S,8285S, 8740S)

D.O.T Hazard Class: Flammable Liquid

Shipping Name: Paint UN 1263

Hazardous Materials Information: 8265S: H = 1, F = 3, R = 0; All others: H = 2, F = 3, R = 0

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	*CAS No.*	*Vapor Pressure (20°C.)*	*Exposure Limits **
1. Acetone	67-64-1	184	750 ppm-A,O 1000 ppm-A,O 15 min (STEL)
2. Acrylic resin	None	None	None-A,O
3. Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm-A,O 15 min (STEL)
4. Cellulose acetate butyrate	9004-36-8	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3 O Resp
5. Diisobutyl ketone	108-83 8	1.7	25 ppm-A,O
6. Ethyl acetate	141-78-6	76	400 ppm-A,O
7. Ethylene glycol monobutyl ether acetate	112-07-2	0.3	20 ppm-D SKIN None-A,O
8. Hexyl acetate isomers	88230 35-7	0.7	50 ppm-A,O Hexyl acetate
9. Isopropyl alcohol	67-63 0	33	400 ppm-A,O 500 ppm-A,O 15 min(STEL)
10. Medium mineral spirits	64742 88 7	None	100 ppm-D None-A,O
11. Methyl ethyl ketone	78-93-3	71	200 ppm-A,O 300 ppm-A,O 15 min(STEL)
12. Mixed dibasic esters	None	0.2	10 mg/m^3-D None-A,O
13. N-butyl alcohol	71-36-3	5.5	50 ppm-A,O C SKIN 75 ppm-D 50 ppm-D 15 min. TWA
14. Polyethylene/ vinyl acetate	None	None	None-A,O
15. Propylene glycol monomethyl ether acetate	108-65-6	3.7	None-A,O
16. Toluene	108-88-3	36.7	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
17. VM&P Naphtha	64742-89-8	None	300 ppm A,O 400 ppm-O 15 min(STEL) 100 ppm-D
18. Xylene	1330-20-7	25	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
19. 2,2,4 Trimethyl- 1,3 pentanediol monoisobutyrate	25265-77-4	40	None-A,O
20. Methyl alcohol	67-56-1	100	200ppm -A,O SKIN 250 ppm -O Skin 15 min(STEL) 250 ppm -A 15 min(STEL)
21. Polysiloxane	None	Unkwn	None -A < O
22. bis(1-2,2,5,6-pentamethyl-4-piperdinyl)sebacate	41556-26-7	Unkwn	None - A,O
23. 2(2 hydroxy-3-5-diteramylphenyl)benzotriazole	17-83-8	Unkwn	Nonw- A,O
24. Aromatic hydrocarbon	64742-95-6	10	25 ppm A,O as Trimethyl benzene

A = ACGIH TLV; O = OSHA; D = DuPont internal limit; S = Supplier Furnished limit; STEL = Short Term Exposure Limit; C = Ceiling.

Section III - Physical Data

Evaporation rate: Less than ether
Vapor Density: Heavier than air
Solubility in water: Miscible
Percent volatile by volume: 96.70%-98.60%
Percent volatile by weight: 95.49% 98.28%
Boiling range: 54°C- 245°C/129°F 473°F
Gallon weight: 6.88- 7.39 lbs./gallon

Section IV - Fire and Explosion Data

Flash point (closed cup): 8260S, 8280S, 8365S, 8375S: less than 20°F; All others: less than 73°F.
Flammable limits: 0.6%-13.1%
Extinguishing media: Water spray, foam, carbon dioxide, dry chemical. Special fire fighting procedures: Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fog nozzles may be used to cool closed containers to prevent pressure build up.
Unusual fire & explosion hazards: When heated above the flash point, emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

Section V - Health Hazard Data

General effects
Ingestion: Gastrointestinal distress. In the unlikely event of ingestion, call a physician immediately and have the names of ingredients available.
Inhalation: May cause nose and throat irritation. Repeated and prolonged overexposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. If affected by inhalation of vapor or spray mist, remove to fresh air. If breathing difficulty persists, or occurs later, consult a physician.
Skin or eye contact: May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis. In case of eye contact, immediately flush with plenty of water for at least 15 minutes; call a physician. In case of skin contact, wash with soap and water. If irritation occurs, contact a physician.

MSDS NO. 4 RS

MATERIAL SAFETY
DATA SHEET

January 1, 1993

CENTARI® ACRYLIC ENAMEL

Section I - Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300 (CHEMTREC)

Product: Centari® Acrylic Enamel Tints and miscellaneous Factory Packaged colors

D.O.T Hazard Class: Flammable Liquid

Shipping Name: 2000S Part A: Paint Related Material UN 1263; All others: Paint UN 1263

Hazardous Materials Information: H = 2, F = 3, R = 0

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	*CAS No.*	*Vapor Pressure (20°C)*	*Exposure Limits **
1. Zinc stearate	557-05-1	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
2. Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm-A,O 15 min (STEL)
3. Methyl ethyl ketone	78-93-3	71	200 ppm-A,O 300 ppm-A,O 15 min(STEL)
4. Toluene	108-88-3	36.7	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
5. Isopropyl alcohol	67-63-0	33	400 ppm-A,O 500 ppm-A,O 15 min(STEL)
6. Primary amyl acetate	628-63-7	4	100 ppm-A,O
7. Turpentine	68956-56-9	2	100 ppm-A,O
8. Propylene glycol monomethyl ether acetate	108-65-6	3.8	None-A,O
9. Xylene	1330-20-7	25	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
10. Aromatic hydrocarbon	64742-94-5	10	100 ppm-D None-A,O
11. Ferric pyrophosphate pigment	10058 44 3	None	10 mg/m^3-A 15 mg/m^3-O
12. Ferric ferrocyanide pigment	None	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
13. Silica alumina ceramic	None	None	15 mg/m^3-O 5 mg/m^3-O Resp None-A
14. Mica coated with TiO_2	None	None	3 mg/m^3-A,O Resp
15. Chrome-antimony titanate	68186-90-3	None	0.5 mg/m^3-A,O (Sb)
16. Mica/ Titanium dioxide/Tin Oxide		None	None 2 mg/m^3 A,O Tin Oxide 3 mg/m^3 A,O Mica Resp
17. Alkyd Resin	67922-67-2	None	None-A,O
18. Acrylic Polymer	96591-17-2	None	None-A,O
19. Alkyd Resin	None	None	None-A,O
20. Aluminum	7429-90-5	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
21. Amorphous silica	7631-86-9	None	15 mg/m^3-O 5mg/m^3-O Resp; 1 mg/m^3-A 15 min(STEL)
22. Bon red pigment	16013-44-8	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
23. Carbon black	1333 86 4	None	3.5 mg/m^3-A.
24. Iron oxide	1309-37-1	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
25. Anthraquinone pigment	None	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
26. Tetrachloro- isonsolinone yellow pigment	5590-18-1	None	10 mg/m^3-A 15 mg/m^3 O 5 mg/m^3-O Resp
27. Isoindolinone pigment	36888-99-0	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
28. Lead chromate molybdate	12656-85-8	None	50 µg/m3-A,O Pb 12 µg/m3-A Cr; 50 µg/m3-O Cr
29. Lead chromate	18454-12-1	None	50 µg/m3-A,O Pb 12 µg/m3-A Cr; 50 µg/m3-O Cr
30. Mica	12001-26-2	None	3 mg/m^3-A,O Resp
31. Monoazo pigment	12236-62-3	None	10 mg/m^3-A 15 mg/m^3 O 5 mg/m^3-O Respirable
32. Nickel, Antimony, Titanium Yellow Pigment	8007-18-9	None	0.5 mg/m^3-A,O (Sb) 50 mg/m^3-A Nickel
33. Perylene pigment	128-69-8	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
34. Phthalocyanine blue pigment	147-14-8	None	10 mg/m3-A 15 mg/m3-; 5 mg/m3 O Resp
35. Phthalocyanine green pigment	1328 53 6	None	10 mg/m3-A 15 mg/m3-O 5 mg/m3-O Resp
36. Quinacridone pigment	1047-16-1	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp

MSDS NO. 2- 2RS

MATERIAL SAFETY
DATA SHEET

January 1, 1993

SPECIALTY CLEAR

Section I - Manufacturer
Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898
Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300
(CHEMTREC)
Product: Specialty Clears 380S, 480S
D.O.T Hazard Class: Flammable Liquid
Shipping Name: Paint Related material, Flammable Liquid
UN 1263
Hazardous Materials Information: H= 2 F= 3 R= 0

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	*CAS No.*	*Vapor Pressure (20oC)*	*Exposure Limits **
1. Acetone	67-64-1	184	750 ppm-A,O 1000 ppm-A,O 15 min (STEL)
2. Acrylic polymer	9011-14-7	None	None-A,O
3. Butyl benzyl phthalate	85-68-7	None	5.0 mg/m^3-D None-A,O
4. Cellulose acetate butyrate	9004-36-8	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
5. Heptane	142-82-5	40	400 ppm-A,O 500 ppm-A,O 15 min(STEL)
6. Isopropyl alcohol	67-63-0	33	400 ppm-A,O; 500 ppm-A,O 15 min(STEL)
7. Methyl ethyl ketone	78-93-3	71	200 ppm-A,O; 300 ppm-A,O 15 min(STEL)
8. Methyl isoamyl ketone	110-12-3	4.5	50 ppm-A,O
9. Mixed dibasic esters	None	0.2	10 mg/m^3-D None-A,O
10. N-butyl alcohol	71-36-3	5.5	50 ppm-A,O C SKIN 25 ppm-D 50 ppm-D 15 min. TWA
11. Propylene glycol monomethyl ether acetate	108-65-6	3.7	None-A,O
12. Toluene	108 88 3	36.7	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
13. Xylene	1330-20-7	25	100 ppm-A,O 150 ppm-A,O 15 min(STEL)

A = ACGIH TLV; O= OSHA; D = DuPont internal limit; S = Supplier Furnished limit; STEL = Short Term Exposure Limit; C = Ceiling.

Section III - Physical Data
Evaporation rate: Less than ther
Vapor Density: Heavier than air
Solubility in water: Miscible
Percent volatile by volume: 89.4%
Percent volatile by weight: 85.2%
Boiling range: 54°C- 377°C/129°F- 711°F
Gallon weight: 7.01 - 7.81 lbs./gallon

Section IV - Fire and Explosion Data
Flash point (closed cup): less than 73°F
Flammable limits: 0.2%-13.1%
Extinguishing media: Water spray, foam, carbon dioxide, dry chemical.
Special fire fighting procedures: Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fog nozzles may be used to cool closed containers to prevent pressure build up.
Unusual fire & explosion hazards: When heated above the flash point, emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

Section V - Health Hazard Data
General effects
Ingestion: Gastrointestinal distress. In the unlikely event of ingestion, call a physician immediately and have the names of ingredients available.
Inhalation: May cause nose and throat irritation. Repeated and prolonged overexposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. If affected by inhalation of vapor or spray mist, remove to fresh air. If breathing difficulty persists, or occurs later, consult a physician.
Skin or eye contact: May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis. In case of eye contact, immediately flush with plenty of water for at least 15 minutes; call a physician. In case of skin contact, wash with soap and water. If irritation occurs, contact a physician.

Specific Effects:
Butyl benzyl phthalate: Extremely high oral doses have caused tissue changes in the liver and testes of laboratory animals. Extremely high vapor aerosol doses have caused atrophy of the spleen and reproductive organs. Mice and rats were fed diets containing 0.6% and 1.2% of butyl benzyl phthalate. At the highest dose leukemias of the blood forming systems were seen in female rats. No leukemia effect was seen in the female rats fed the lower level or in any of the mice. **Heptane:** Contact may cause skin burns. May cause eye irritation with discomfort, tearing, or blurred vision. May cause central nervous system effects such as dizziness, headache, nausea, and loss of consciousness. May cause temporary upper respiratory and/or lung irritation with cough, difficult breathing, or shortness of breath. Laboratory studies with rats have shown that petroleum distillates cause kidney damage and kidney or liver tumors. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumors. **Isopropyl alcohol:** Ingestion studies on laboratory animals showed that very high oral doses caused increased liver and kidney weights. **Methyl ethyl ketone:** High concentration have caused embryotoxic effects in laboratory animals. Methyl ethyl ketone has been demonstrated to potentiate (i.e., shorten the time of onset) the peripheral neuropathy caused by either n-hexane or methyl n-butyl ketone. MEK by itself has not been demonstrated to cause peripheral neuropathy. Liquid splashes in the eye may result in chemical burns. **Methyl isoamyl ketone:** Ex-

MSDS NO. 2- 1RS

MATERIAL SAFETY
DATA SHEET

January 1, 1993

LACQUER CLEARS

Section I - Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300 (CHEMTREC)

Product: Lacquer clears (222S, 300S, 350S, 1655S, 1999S)
D.O.T Hazard Class: Flammable Liquid
Shipping Name: Paint UN 1263
Hazardous Materials Information: H = 2, F = 3, R = 0

Section II - Hazardous Ingredients (See Section X for ingredients listed by product code)

Ingredients	*CAS No.*	*Vapor Pressure (20°C)*	*Exposure Limits **
1. Acetone	67-64-1	184	750 ppm-A,O 1000 ppm-A,O 15 min (STEL)
2. Acrylic Polymer	25133-97-5	None	None-A,O
3. Acrylic Polymer	96591-17-2	None	None-A,O
4. Alkyd Polymer	68082-21-3	None	None-A,O
5. Amorphous silica	7631-86-9	None	15 mg/m^3-O 5mg/m^3-O Resp 0.2 mg/m^3-A Resp 1 mg/m^3-A 15 min(STEL)
6. Aromatic hydrocarbon	64742-95-6	10	25 ppm-A,O Trimethyl benzene
7. Bisphenol-epichlorohydrin polymer	25068-38-6	None	None-A,O
8. Butyl benzyl phthalate	85-68-7	0.8	5.0 mg/m^3-D None-A,O
9. Castor oil	68187-84-8	None	None-A,O
10. Cellulose acetate butyrate	9004-36-8	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
11. Diisobutyl ketone	108-83-8	1.7	25 ppm-A,O
12. Dioctyl phthalate	117 81-7	1.2	5 mg/m^3-A,O 10 mg/m^3-A,O 15 min(STEL)
13. Ester gum	68039-41-5	None	None-A,O
14. Ethyl acetate	141-78-6	76	400 ppm-A,O
15. Ethyl alcohol	64-17-5	None	1000 ppm-A,O
16. Ethylene glycol monobutyl ether acetate	112-07-2	0.3	20 ppm-D SKIN None-A,O
17. Isopropyl alcohol	67-63-0	33	400 ppm-A,O 500 ppm-A,O 15 min(STEL)
18. Methyl alcohol	67-56-1	100	200 ppm-A,O SKIN 250 ppm-O Skin 15 min(STEL) 250 ppm-A 15 min(STEL)
19. Methyl ethyl ketone	78-93-3	71	200 ppm-A,O; 300 ppm A,O 15 min(STEL)
20. Methyl isoamylketone	110-12-3	4.5	50 ppm-A,O
21. Methyl isobutyl ketone	108-10-1	15	50 ppm-A,O 75 ppm-A,O 15 min(STEL)
22. Mixed dibasic esters	None	0.2	10 mg/m^3-D None-A,O
23. n-butyl alcohol	71-36-3	5.5	50 ppm-A,O C SKIN 25 ppm-D 50 ppm-D 15 min. TWA
24. Nitrocellulose	9004-70-0	None	None-A,O
25. Pine Oil	8002-09-3	1	None-A,O
26. Polyester resin	None	None	None-A,O
27. Propylene glycol methyl ether	107-98-2	10.9	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
28. Propylene glycol monomethyl ether acetate	108-65-6	3.7	None-A,O
29. Toluene	108-88-3	36.7	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
30. VM&P Naphtha	64742-89-8	None	300 ppm-A,O 400 ppm-O 15 min(STEL) 100 ppm-D
31. Xylene	1330-20-7	25	100 ppm-A,O 150 ppm-A,O 15 min(STEL)
32. Zinc stearate	557-05-1	None	10 mg/m^3-A 15 mg/m3-O 5 mg/m3-O Respirable
33. Heptane	142-82-5	40.0	400pppm-A,O 500ppm-A,O 15 MIN(STEL)

A = ACGIH TLV; O = OSHA; D = DuPont internal limit; S = Supplier Furnished limit; STEL = Short Term Exposure Limit; C = Ceiling.

Section III - Physical Data

Evaporation rate: Less than ether
Vapor Density: Heavier than air
Solubility in water: Miscible
Percent volatile by volume: 73%- 98%
Percent volatile by weight: 67%- 97%
Boiling range: 54°C- 386°C/ 129° F- 727°F
Gallon weight: 7.02- 7.81 lbs./gallon

Section IV - Fire and Explosion Data

Flash point (closed cup): 222S, 1980S: less than 20°F; All others: less than 73°F.
Flammable limits: 0.2%- 36.5%
Extinguishing media: Water spray, foam, carbon dioxide, dry chemical.
Special fire fighting procedures: Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fog nozzles may be used to cool closed containers to prevent pressure build up.

MSDS NO. 1 RS

MATERIAL SAFETY DATA SHEET

January 1, 1993

LUCITE® ACRYLIC LACQUER

Section I- Manufacturer

Manufacturer:
E. I. du Pont de Nemours & Co. (Inc.)
Automotive Products Dept.
Wilmington, Delaware 19898

Telephone:
Product information (800)441-7515
Medical emergency (800) 441-3637
Transportation emergency (800) 424-9300 (CHEMTREC)

Product: Lucite® Acrylic Lacquer Tints, Miscellaneous Factory Packaged Codes

D.O.T Hazard Class: Flammable Liquid

Shipping Name: Paint UN 1263

Hazardous Materials Information: 411L, 412L, 413L, 442L, 447L, 494L, 495L and metallic colors: H = 2, F = 3, R = 1; All others: H = 2, F = 3, R = 0

Section II - Hazardous Ingredients (See Section X for ingredients listed by PRODUCT CODE)

Ingredients	CAS No.	Vapor Pressure (20°C.)	Exposure Limits *
1. Acetone	67-64-1	184	750 ppm-A,O 1000 ppm-A,O 15 min (STEL)
2. Acrylic Polymer	9011-14-7	None	None-A,O
3. Alkyd Polymer	67922 67 2	None	None-A,O
4. Aluminum	7429 90 5	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
5. Amorphous silica	7631-86-9	None	15 mg/m^3-O 5mg/m^3-O Resp 0.2 mg/m^3-A Resp 1 mg/m^3-A 15 min(STEL)
6. Anthraquinone pigment	None	None	10 mg/m^3 A 15 mg/m^3-O 5 mg/m^3 O Resp
7. Aromatic hydrocarbon	64742-95-6	10	25 ppm-A,O Trimethyl benzene
8. Bon red pigment	16013-44-8	None	10 mg/m^3 A 15 mg/m^3-O 5 mg/m^3-O Resp
9 Butyl acetate	123-86-4	8	150 ppm-A,O 200 ppm-A,O 15 min (STEL)
10. Butyl benzyl phthalate	85-68-7	0.8	5.0 mg/m^3-D None-A,O
11. Carbon black	1333-86-4	None	None
12. Cellulose acetate butyrate	9004-36-8	None	10 mg/m3-A 15 mg/m3-O 5 mg/m3-O Resp
13. Chrome-antimony titanate	68186-90-3	None	0.5 mg/m^3-A,O (SB)
14. Diisobutyl ketone	108-83 8	1.7	25 ppm A,O
15. Diketo pyrrolo pyrrol red	None	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
16. Dioxazine carbozole pigment	4378-61-4	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
17. Ethyl acetate	141-78-6	76	400 ppm-A,O.
18. Ferric ferrocyanide pigment	None	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
19. Fe_2O_3 Coated Mica	None	None	3 mg/m^3-O Mica Resp
20. Iron oxide	1309-37-1	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
21. Isopropyl alcohol	67 63-0	33	400 ppm-A,O 500 ppm-A,O 15 min(STEL)
22. Lead chromate	18454-12-1	None	50 µg/m3-A,O Pb 12 µg/m3-A Cr 50 µg/m3-O Cr
23. Lead chromate molybdate	12656-85-8	None	50 µg/m3-A,O Pb 12 µg/m3-A Cr 50 µg/m3-O Cr
24. Medium mineral spirits	64742-88-7	None	100 ppm-D None-A,O
25. Methyl ethyl ketone	78-93-3	71	200 ppm-A,O 300 ppm-A,O 15 min(STEL)
26. Methyl isobutylketone	108-10-1	15	50 ppm-A,O; 75 ppm-A,O 15 min(STEL)
27. Mica	12001-26-2	None	3 mg/m^3-A,O Resp
28. Mica/ Titanium dioxide/Tin oxide	None	None	2 mg/m^3-A,O Tin Oxide 3 mg/m^3-A,O Mica Resp
29. Mixed dibasic esters	None	0.2	10 mg/m^3-D None-A,O
30. Monoazo pigment	12236-62-3	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
31. Monoazo red pigment	None	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3-O Resp
32. Nickel, Antimony, Titanium Yellow Pigment	8007-18-9	None	0.5 mg/m^3-A,O (SB) 50 mg/m^3-A Nickel
33. Perylene pigment	128-69-8	None	10 mg/m^3-A 15 mg/m^3-O 5 mg/m^3 O Resp

NOTICE OF LAND DISPOSAL RESTRICTION OF WASTE

SAFETY-KLEEN CORP.
(DESIGNATED FACILITY)

EPA ID NO. NYD980785760
(DESIGNATED FACILITY)

58-05 52ND AVE

ADDRESS: WOODSIDE NY 11377

Under manifest number _____, the generator noted below is shipping to you a waste determined to be restricted under 40 CFR Part 268. In accordance with 40 CFR Part 268.7, the generator hereby provides notice that the waste is restricted from land disposal. A copy of this form must be kept by the generator and facility for five (5) years from the date of waste shipment.

In accordance with 40 CFR 268.7, the generator hereby provides notice that the waste is restricted from land disposal. I am a small quantity generator (100-1,000 kg/mo) in accordance with 40 CFR 268.7. This notice applies to all waste shipments under my service contract with Safety-Kleen Corp. It covers today's shipment on manifest No. _____, or sales/service acknowledgement No. _____, and all subsequent shipments. A copy of this notice will be maintained with the service contract(s) or sales/service acknowledgment(s) for five (5) years beyond the termination of the service contract.

PLEASE CHECK THE APPROPRIATE BOXES

✓	WASTE NAME	EPA * WASTE CODE	THE WASTE MAY CONTAIN THE FOLLOWING RESTRICTED CONSTITUENTS	TREATMENT STANDARD (mg/l) OR METHOD (FOR NON-WASTE WATER)
☐	Waste Petroleum Naphtha (105)	D001,	Ignitable Liquid (High TOC Subcategory)	Incineration (INCIN), fuel substitution (FSUBS)
			Halogenated Organic Compounds (HOC's) ≥ 1000 mg/l	or recovery (RORGS) (40 CFR 268.42) (non-waste water)
				INCIN (40 CFR 268.42) (non-waste water)
		D018,	Benzene	Not Established
		D039,	Tetrachloroethylene	Not Established
☐	Waste Petroleum Naphtha (140)	D001,	Ignitable Liquid (High TOC Subcategory)	INCIN, FSUBS, or RORGS (40 CFR 268.42) (non-waste water)
☐	Waste Petroleum Naphtha (sludges from Safety-Kleen Service Center Operations)	D001,	All of the above, plus:	
		D006,	__ Cadmium	1.0 (non-waste water)
		D007,	__ Chromium	5.0 (non-waste water)
		D008,	__ Lead	5.0 (non-waste Water)
		D039,	__ Tetrachloroethylene	Not Established
☑	Waste Compound Cleaning Liquid/ Immersion cleaner		HOC's ≥ 1000 mg/l	INCIN (40 CFR 268.42) (non-waste water)
		D006,	__ Cadmium	1.0 (non-waste water)
		D007,	__ Chromium	5.0 (non-waste water)
		D008,	__ Lead	5.0 (non-waste Water
		D018,	__ Benzene	Not Established
		D021,	__ Chlorobenzene	Not Established
		D027,	__ 1, 4-Dichlorobenzene	Not Established
		D039,	__ Tetrachloroethylene	Not Established
		D040,	__ Trichloroethylene	Not Established
☐	Waste Perchloroethylene	F002,	Tetrachloroethylene	5.6 (non-waste water)
☐	Waste Perc. Filters This hazardous debris is subject to the alternative treatment standards of 40CFR 268.45.	F002,	Tetrachloroethylene	5.6 (non-waste water)
☐	Waste Trichlorotrifluoroethane	F002,	Trichlorotrifluoroethane	28.0 (non-waste water)
☐	Waste 1,1,1 Trichloroethane	F002,	1, 1, 1 Trichloroethane	5.6 (non-waste water)
☐	Waste Petroleum Naphtha (Dry Cleaning)	D001,	Ignitable Liquid (High TOC Subcategory)	INCIN, FSUBS, or RORGS (40 CFR 268.42) (non-waste wat
		D039,	Tetrachloroethylene	Not Established
☐	Waste Paint Related Material	F003,	Acetone	160.0 (non-waste water)
		F005,	Methyl Ethyl Ketone	36.0 (non-waste water)
		F003,	Methyl Isobutyl Ketone	33.0 (non-waste water)
		F005,	Toluene	28.0 (non-waste water)
		F003,	Xylene	28.0 (non-waste water)
		F003,	Methanol	0.75 (non-waste water)
		D001,	Ignitable Liquid (High TOC Subcategory)	INCIN, FSUBS, or RORGS (40 CFR 268.42) (non-waste wat
		D006,	Cadmium	1.0 (non-waste water)
		D007,	Chromium	5.0 (non-waste water)
		D008,	Lead (TOC Subcategory)	5.0 (non-waste water)
☐	Waste Antifreeze	D008,	Lead	5.0 (non-waste water)
		D039,	Tetrachloroethylene	Not Established

The constituent composition is based on knowledge of the waste (via Material Safety Data Sheets for the chemical(s) used, and the process which created the waste).

*These treatment standards do not preclude reclamation prior to final disposition. 9325 2-115-06-2077 06 542971

Generator Company: BK CHEVROLET

EPA ID NO.: NYD250332444

MANF DOC: XXXXX

X [signature]

Date: [illegible]

126 (1/93)

2-118-06

ER-WM-51 REV. 1/91

Bureau of Waste Management
P.O. Box 8550
Harrisburg, PA 17105-8550
OFFICIAL PENNSYLVANIA MANIFEST FORM

Form approved.
OMB No. 2050-0039
Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No.

2. Page 1 of 1 | Information in the shaded areas is not required by Federal law but is required by State law.

A. State Manifest Document Number: PAC 9517163

B. State Gen. ID

3. Generator's Name and Mailing Address: D.E. CHEVROLET, 175 [illegible] BROOKLYN, NY 11234

4. Generator's Phone: (718) 232 [illegible]

5. Transporter 1 Company Name: SAFETY-KLEEN CORP | 6. US EPA ID Number: ILD 051060408

C. State Trans. ID: PA- A H 0 1 7 2

7. Transporter 2 Company Name | 8. US EPA ID Number

D. Transporter's Phone: (718) 429-0657

E. State Trans. ID: PA-

9. Designated Facility Name and Site Address: SAFETY-KLEEN CORP. 2-139-01, 77 CANAL ROAD, FAIRLESS HILLS PA 19030 | 10. US EPA ID Number: PAD 987266713

F. Transporter's Phone: ( )

G. State Facility's ID

H. Facility's Phone: (215) 736-8699

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. RQ HAZARDOUS WASTE, LIQUID, N.O.S. NA3082 PG III (DOCS)(ERG#31)	001	TT	[illegible]	G	D008
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

	Lab Pack	Physical State		Lab Pack	Physical State
a.			b.		
c.			d.		

K. Handling Codes for Wastes Listed Above: a. D02 | b. | c. | d.

15. Special Handling Instructions and Additional Information

CDA-NY HANDLING CODE = T 2-118-74- [illegible] PP#- [illegible]
EMERGENCY RESP# 1-708-888-4660 (24 HR)
ITEM 2 (NO) NJDEP58690 (NY) -

SKDGT# A: 1162 B: C: D

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: [illegible] | Signature: [illegible] | MONTH DAY YEAR

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: [illegible] HAUN | Signature: [illegible] | MONTH DAY YEAR

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | MONTH DAY YEAR

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: BILL SCHIAVO | Signature: [illegible] | MONTH DAY YEAR: 10 11 93

GENERATOR | TRANSPORTER | FACILITY

PAC 9517163

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete

PA00012

Copy 5 - TSD Facility Mail to Generator

86 ST.
BROOKLYN NY 11228

PHONE NUMBER 718 2325900

US EPA ID NO NYD 980 322 444

STATE EPA ID NO

GENERATOR'S INITIALS

B 31556

CUSTOMER NUMBER 2-118-76-22

MANIFEST NUMBER PAC 9517163

TRANSPORTER COMPANY NAME	ADDRESS	US EPA ID NUMBER
1 SK CORP.	1100 N. RANDALL RD. ELGIN IL	ILD 984062022
2		
3		

DESIGNATED FACILITY
SK CORP.
77 CANAL ST.
FAIRLESS PA 19030

US EPA ID NUMBER PAD 987266715
STATE EPA ID NUMBER
PHONE NUMBER 215 726 8699

US DOT DESCRIPTION	IN EVENT OF EMERGENCY CALL 1-708-888-4560 (24 hours)	CONTAINER NO.	CONTAINER TYPE	TOTAL QUANTITY	UNIT WT/VOL	SK DOT NUMBER
RQ HAZARDOUS WASTE, LIQUID, N.O.S. NA 3082 PG III (DOCE) (ERG #31) 9.216/GL		001	TT	X 60	G	1162

NOTICE OF LAND DISPOSAL RESTRICTION OF WASTE

CHECK APPROPRIATE BOX	WASTE NAME	EPA WASTE CODE	THE WASTE MAY CONTAIN THE FOLLOWING RESTRICTED CONSTITUENTS	TREATMENT STANDARD OF METHOD (IN NON-WASTE WATER)
☑	WASTE ANTIFREEZE DOOP	D006	LEAD TETRACHLOROETHYLENE	S.C. (NON-WASTE-WA NOT ESTABLISHED
☐				
☐				

The constituent composition is based on knowledge of the waste (via Material Safety Data Sheets for the chemical(s) used and the process which created the waste).
*These treatment standards do not preclude reclamation prior to final disposition. Safety-Kleen Corp. manages the above waste through its recycling and fuels programs in accordance with all applicable elements of the land disposal restrictions.

Under manifest number _____, the generator noted above is shipping to you a waste determined to be restricted under 40 CFR Part 268. In accordance with 40 CFR Part 268.7, the generator hereby provides notice that the waste is restricted from land disposal. **A copy of this form must be kept by the generator and facility for five (5) years from the date of waste shipment.**

SHIPPER'S CERTIFICATION. I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

SHIPPER NAME R. BLUSTEIN	SIGNATURE X		SHIPPER DATE	MONTH 10 DAY 11 YEAR 93
TRANSPORTER NAME 1 NOEL HAAN	SIGNATURE X	Noel Haan	DATE OF RECEIPT	MONTH 10 DAY 11 YEAR 93
TRANSPORTER NAME 2	SIGNATURE X			MONTH DAY YEAR
TRANSPORTER NAME 3	SIGNATURE X			MONTH DAY YEAR
DESIGNATED FACILITY	SIGNATURE X			MONTH DAY YEAR

CUSTOMER

FORM 1038 (7/90)

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Type or Print DO NOT STAPLE

Form Approved OMB No. 2050-0039 Exp. 10-31-92

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD 059332444 — Manifest Document No. 181734 — Page 1 of 1

Information in the shaded areas is not required by Federal Law

3. Generator's Name and Mailing Address: BK CHEVROLET, 1575 86 ST BROOKLYN NY 11214

4. Generator's Phone: 718 232 0200

A. State Manifest Document Number: NYC 181734-3

B. Generator's ID: SAME

5. Transporter 1 (Company Name): SAFETY-KLEEN CORP — 6. US EPA ID Number: ILD 051060406

C. State Transporter's ID: LF-2394

D. Transporter's Phone: (718) 429-0657

7. Transporter 2 (Company Name) — 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address: SAFETY-KLEEN CORP. 56-05 52ND AVE WOODSIDE, NY 11377 — 10. US EPA ID Number: 2-118-06 NYD 980785760

G. State Facility's ID

H. Facility's Phone: (718) 429-0657

	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol.	I. Waste No.
GENERATOR a.	RQ WASTE PAINT RELATED MATERIAL 3 UN1263 PG II (D008, F005) (ERG#26)	1	DM	96	P	EPA D008 F005
b.						EPA STATE
c.						EPA STATE
d.						EPA STATE

J. Additional Descriptions for Materials Listed Above: (A) D001, D006, D007, D008

K. Handling Codes for Wastes Listed Above: a. [X] b. [ ] c. [ ] d. [ ]

15. Special Handling Instructions and Additional Information: EMERGENCY RESP#708-888-4660 24HR. 2-118-46- 2397 PP#- 526639

SKDOT# A: 523 B: C: D:

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: [illegible] DERICK — Signature — Mo. Day Year 06 28 93

TRANSPORTER 17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name: FREDDY AMARAL — Signature — Mo. Day Year 06 28 93

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name — Signature — Mo. Day Year

FACILITY 19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name — Signature — Mo. Day Year

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Environmental Conservation (518) 457-7362.

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete

COPY 3-Disposer State-mailed by generator

EPA ID NO. HYD 080785760
(DESIGNATED FACILITY)

-KLEEN CORP.
(DESIGNATED FACILITY)

ADDRESS: 58-05 52 Ave

Under manifest number HYC 818794-3, the generator noted below is shipping to you a waste determined to be restricted under 40 CFR Part 268. In accordance with 40 CFR Part 268.7, the generator hereby provides notice that the waste is restricted from land disposal. A copy of this form must be kept by the generator and facility for five (5) years from the date of waste shipment.

In accordance with 40 CFR 268.7, the generator hereby provides notice that the waste is restricted from land disposal. I am a small quantity generator (100-1,000 kg/mo) in accordance with 40 CFR 268.7. This notice applies to all waste shipments under my service contract with Safety-Kleen Corp. It covers today's shipment on manifest No. _____, or sales/service acknowledgement No. _____ and all subsequent shipments. A copy of this notice will be maintained with the service contract(s) or sales/service acknowledgement(s) for five (5) years beyond the termination of the service contract.

PLEASE CHECK THE APPROPRIATE BOXES

✓	WASTE NAME	EPA* WASTE CODE	THE WASTE MAY CONTAIN THE FOLLOWING RESTRICTED CONSTITUENTS	TREATMENT STANDARD (mg/l) OR METHOD (FOR NON-WASTE WATER)
☐	Waste Mineral Spirits (105)	D001.	Ignitable Liquid (High TOC Subcategory)	Incineration (INCIN), fuel substitution (FSUBS) or recovery (RORGS) (40 CFR 268.42) (non-waste water)
			Halogenated Organic Compounds (HOC's) ≥ 1000 mg/l	INCIN (40 CFR 268.42) (non-waste water)
		D018.	Benzene	Not Established
		D039.	Tetrachloroethylene	Not Established
☐	Waste Mineral Spirits (140)	D001.	Ignitable Liquid (High TOC Subcategory)	INCIN, FSUBS, or RORGS (40 CFR 268.42) (non-waste water)
☐	Waste Mineral Spirits (sludges from Safety-Kleen Service Center Operations)	D001.	All of the above, plus:	
		D006.	Cadmium	1.0 (non-waste water)
		D007.	Chromium	5.0 (non-waste water)
		D008.	Lead	5.0 (non-waste water)
		D039.	Tetrachloroethylene	Not Established
☐	Waste Compound Cleaning Liquid/ Immersion cleaner 609	F004.	Cresylic Acid	3.2 (non-waste water)
		F002.	1, 2-dichlorobenzene	6.2 (non-waste water)
		F002.	Methylene chloride	33.0 (non-waste water)
		D006.	Cadmium	1.0 (non-waste water)
		D007.	Chromium	5.0 (non-waste water)
		D008.	Lead	5.0 (non-waste water)
		D022.	Chloroform	Not Established
☐	Waste Compound Cleaning Liquid/ Immersion Cleaner 699		HOC's ≥ 1000 mg/l	INCIN (40 CFR 268.42) (non-waste water)
		D006.	Cadmium	1.0 (non-waste water)
		D007.	Chromium	5.0 (non-waste water)
		D008.	Lead	5.0 (non-waste water)
		D018.	Benzene	Not Established
		D021.	Chlorobenzene	Not Established
		D027.	1, 4-Dichlorobenzene	Not Established
		D039.	Tetrachloroethylene	Not Established
		D040.	Trichloroethylene	Not Established
☐	Waste Perchloroethylene	F002.	Tetrachloroethylene	5.6 (non-waste water)
☐	Waste Trichlorotrifluoroethane	F002.	Trichlorotrifluoroethane	28.0 (non-waste water)
☐	Waste 1,1,1 Trichloroethane	F002.	1, 1, 1 Trichloroethane	5.6 (non-waste water)
☐	Waste Mineral Spirits (Dry Cleaning)	D001.	Ignitable Liquid (High TOC Subcategory)	INCIN, FSUBS, or RORGS (40 CFR 268.42) (non-waste water)
		D039.	Tetrachloroethylene	Not Established
☒	Waste Paint Related Material	F003.	Acetone	160.0 (non-waste water)
		F005.	Methyl Ethyl Ketone	36.0 (non-waste water)
		F003.	Methyl Isobutyl Ketone	33.0 (non-waste water)
		F005.	Toluene	28.0 (non-waste water)
		F003.	Xylene	28.0 (non-waste water)
		F003	Methanol	0.75 (non-waste water)
		D001.	Ignitable Liquid (High TOC Subcategory)	INCIN, FSUBS, or RORGS (40 CFR 268.42) (non-waste water)
		D006	Cadmium	1.0 (non-waste water)
		D007.	Chromium	5.0 (non-waste water)
		D008.	Lead (TOC Subcategory)	5.0 (non-waste water)
☐	Waste Antifreeze	D008.	Lead	5.0 (non-waste water)
		D039	Tetrachloroethylene	Not Established

The constituent composition is based on knowledge of the waste (via Material Safety Data Sheets for the chemical(s) used, and the process which created the waste).

*These treatment standards do not preclude reclamation prior to final disposition.

Generator Company: BK ~~KIA~~ CHEVROLET

EPA ID NO. HYD 050332994

Generator's Signature: X

Date: 6/24/92

Printed Name and Title of Generator: BRIAN RUSHICK

Safety-Kleen Corp. manages the above waste through its recycling and fuels programs in accordance with all applicable elements of the land disposal restrictions.

GENERATOR

ER WM-51 REV. 1/91

2-118-76

Bureau of Waste Management
P.O. Box 8550
Harrisburg, PA 17105-8550
OFFICIAL PENNSYLVANIA MANIFEST FORM

Form Approved.
OMB No. 2050-0039
Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD 050332444
Manifest Document No.: 17681

2. Page 1 of 1

Information in the shaded areas is not required by Federal law but is required by State law.

3. Generator's Name and Mailing Address
BK CHEVROLET
15-75 86TH ST
BROOKLYN NY 11228

4. Generator's Phone (718) 232-5900

A. State Manifest Document Number: PAC 9504095

B. State Gen. ID

5. Transporter 1 Company Name: SAFETY-KLEEN CORP
6. US EPA ID Number: ILD 051060408

C. State Trans. ID: PA- A H 0 1 7 2

7. Transporter 2 Company Name: SAFETY Klean corp
8. US EPA ID Number: ILD051060408

D. Transporter's Phone: (718) 429-0657

E. State Trans. ID: PA- [illegible]

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP. 2-139-01
77 CANAL ROAD
FAIRLESS HILLS PA 19030
10. US EPA ID Number: PAD 987266715

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone: (215) 736-8699

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ HAZARDOUS WASTE, LIQUID, N O.S. 9 NA3082 PG III (D008)(ERG#31)	001	TT	XXX50	G	D008 D039
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

Lab Pack	Physical State	Lab Pack	Physical State
a.	L	c.	
b.		d.	

K. Handling Codes for Wastes Listed Above: a. B02 c. b. d.

15. Special Handling Instructions and Additional Information
9320 54296702 413684 2-118-76-2281 06
Item C (NT). NTS ENSCO - 41450 (NY). P 3447/IL
IF UNDELIVERABLE, RETURN TO GENERATOR. Item K: - NY Handling Code = R.
EMERGENCY RESP#708-985-4660 24HR.
SKDOT# A. 1162 9. 3 3

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: A. BAUSTEIN
Signature: [illegible]
MONTH 05 DAY 18 YEAR 93

17. Transporter 1 Acknowledgment of Receipt of Materials
Printed/Typed Name: NOEL HANN
Signature: [illegible]
MONTH 05 DAY 18 YEAR 93

18. Transporter 2 Acknowledgment of Receipt of Materials
Printed/Typed Name: [illegible]
Signature: [illegible]
MONTH 5 DAY 18 YEAR 93

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: [illegible]
Signature: [illegible]
MONTH 05 DAY 19 YEAR 93

PAC 9504095

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete.

Copy 5 TSD Facility; Mail to Generator

EPA ID NO. PAD986726715
(DESIGNATED FACILITY)

...NAL ROAD
FAIRLESS HILLS PA 19030

Under manifest number _____, the generator noted below is shipping to you a waste determined to be restricted under 40 CFR Part 268. In accordance with 40 CFR Part 268.7, the generator hereby provides notice that the waste is restricted from land disposal. A copy of this form must be kept by the generator and facility for five (5) years from the date of waste shipment.

In accordance with 40 CFR 268.7, the generator hereby provides notice that the waste is restricted from land disposal. I am a small quantity generator (100-1,000 kg/mo) in accordance with 40 CFR 268.7. This notice applies to all waste shipments under my service contract with Safety-Kleen Corp. It covers today's shipment on manifest No. _____, or sales/service acknowledgement No. _____, and all subsequent shipments. A copy of this notice will be maintained with the service contract(s) or sales/service acknowledgment(s) for five (5) years beyond the termination of the service contract.

PLEASE CHECK THE APPROPRIATE BOXES

✓	WASTE NAME	EPA * WASTE CODE	THE WASTE MAY CONTAIN THE FOLLOWING RESTRICTED CONSTITUENTS	TREATMENT STANDARD (mg/l) OR METHOD (FOR NON-WASTE WATER)
☐	Waste Petroleum Naphtha (105)	D001, D018, D039,	Ignitable Liquid (High TOC Subcategory) Halogenated Organic Compounds (HOC's) ≥ 1000 mg/l Benzene Tetrachloroethylene	Incineration (INCIN), fuel substitution (FSUBS) or recovery (RORGS) (40 CFR 268.42) (non-waste water) INCIN (40 CFR 268.42) (non-waste water) Not Established Not Established
☐	Waste Petroleum Naphtha (140)	D001,	Ignitable Liquid (High TOC Subcategory)	INCIN, FSUBS, or RORGS (40 CFR 268.42) (non-waste water)
☐	Waste Petroleum Naphtha (sludges from Safety-Kleen Service Center Operations)	D001, D006, D007, D008, D039,	All of the above, plus: __ Cadmium __ Chromium __ Lead __ Tetrachloroethylene	1.0 (non-waste water) 5.0 (non-waste water) 5.0 (non-waste Water) Not Established
☐	Waste Compound Cleaning Liquid/ Immersion cleaner 699	D006, D007, D008, D018, D021, D027, D039, D040,	HOC's ≥ 1000 mg/l __ Cadmium __ Chromium __ Lead __ Benzene __ Chlorobenzene __ 1, 4-Dichlorobenzene __ Tetrachloroethylene __ Trichloroethylene	INCIN (40 CFR 268.42) (non-waste water) 1.0 (non-waste water) 5.0 (non-waste water) 5.0 (non-waste Water Not Established Not Established Not Established Not Established Not Established
☐	Waste Perchloroethylene	F002,	Tetrachloroethylene	5.6 (non-waste water)
☐	Waste Perc. Filters This hazardous debris is subject to the alternative treatment standards of 40CFR 268.45.	F002,	Tetrachloroethylene	5.6 (non-waste water)
☐	Waste Trichlorotrifluoroethane	F002,	Trichlorotrifluoroethane	29.0 (non-waste water)
☐	Waste 1,1,1 Trichloroethane	F002,	1, 1, 1 Trichloroethane	5.6 (non-waste water)
☐	Waste Petroleum Naphtha (Dry Cleaning)	D001, D039,	Ignitable Liquid (High TOC Subcategory) Tetrachloroethylene	INCIN, FSUBS, or RORGS (40 CFR 268.42) (non-waste water) Not Established
☐	Waste Paint Related Material	F003, F005, F003, F005, F003, F003, D001, D006, D007, D008,	Acetone Methyl Ethyl Ketone Methyl Isobutyl Ketone Toluene Xylene Methanol Ignitable Liquid (High TOC Subcategory) Cadmium Chromium Lead (TOC Subcategory)	160.0 (non-waste water) 36.0 (non-waste water) 33.0 (non-waste water) 28.0 (non-waste water) 28.0 (non-waste water) 0.75(non-waste water) INCIN, FSUBS, or RORGS (40 CFR 268.42) (non-waste water) 1.0 (non-waste water) 5.0 (non-waste water) 5.0 (non-waste water)
☑	Waste Antifreeze	D008, D039,	Lead Tetrachloroethylene	5.0 (non-waste water) Not Established

The constituent composition is based on knowledge of the waste (via Material Safety Data Sheets for the chemical(s) used, and the process which created the waste).

*These treatment standards do not preclude reclamation prior to final disposition. 9320 2-118-76-2281 06 413684

Generator Company: BK CHEVROLET

EPA ID NO.: NYD050332444

Generator's Signature: X

Date: 5-18-93

Printed Name and Title of Generator:

2-118-06

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. DO NOT STAPLE.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD 052332444 Manifest Document No. 69601
2. Page 1 of 1 — Information in the shaded areas is not required by Federal Law
3. Generator's Name and Mailing Address: bK CHEVROLET 1375 65 ST BROOKLYN NY 11228
4. Generator's Phone (718) 232-0200
A. State Manifest Document Number: NYC 182716-7
B. Generator's ID: SHALE
5. Transporter 1 (Company Name): SAFETY-KLEEN CORP
6. US EPA ID Number: NJD 051000408
C. State Transporter's ID: [illegible]
D. Transporter's Phone: 718-429-0657
7. Transporter 2 (Company Name)
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone ( )
9. Designated Facility Name and Site Address: SAFETY-KLEEN CORP. 38-05 52ND AVE WOODSIDE NY 11377
10. US EPA ID Number: 2-118-06 NYD 980795760
G. State Facility's ID
H. Facility's Phone: 718/429-0657

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. RQ WASTE PAINT RELATED MATERIAL 9 UN1263 PG II (D008, F003)(ERG#26)	1	DM	96	P	EPA F003 D008
b.					EPA
c.					EPA
d.					EPA

J. Additional Descriptions for Materials Listed Above: (A) D001, D006, D007, D008

K. Handling Codes for Wastes Listed Above: a. B b. c. d.

15. Special Handling Instructions and Additional Information: EMERGENCY RESPONSE 800-468-7860 24HR 2-118-06- 47 PW#- 54 01

SWDOT# A: 522 B: C: D:

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: [illegible] Signature: [illegible] Mo. Day Year: 04 21 92

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: FREDDY [illegible] Signature: [illegible] Mo. Day Year: 04 21 92

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Mo. Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19
Printed/Typed Name: [illegible] Signature: [illegible] Mo. Day Year: 04 22 92

NYC 182716-7

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY 5-Generator-Mailed by TSD facility

EPA ID NO. [illegible] (DESIGNATED FACILITY)

SAFETY KLEEN CORP.
58-05 52nd AVENUE
ADDRESS: WOODSIDE, N. Y. 11377

Under manifest number NY C18276-7, the generator noted below is shipping to you a waste determined to be restricted under 40 CFR Part 268. In accordance with 40 CFR Part 268.7, the generator hereby provides notice that the waste is restricted from land disposal. A copy of this form must be kept by the generator and facility for five (5) years from the date of waste shipment.

In accordance with 40 CFR 268.7, the generator hereby provides notice that the waste is restricted from land disposal. I am a small quantity generator (100-1,000 kg/mo) in accordance with 40 CFR 268.7. This notice applies to all waste shipments under my service contract with Safety-Kleen Corp. It covers today's shipment on manifest No. _____, or sales/service acknowledgement No. _____, and all subsequent shipments. A copy of this notice will be maintained with the service contract(s) or sales/service acknowledgement(s) for five (5) years beyond the termination of the service contract.

PLEASE CHECK THE APPROPRIATE BOXES

✓	WASTE NAME	EPA* WASTE CODE	THE WASTE MAY CONTAIN THE FOLLOWING RESTRICTED CONSTITUENTS	TREATMENT STANDARD (mg/l) OR METHOD (FOR NON-WASTE WATER)
☐	Waste Mineral Spirits (105)	D001.	Ignitable Liquid (High TOC Subcategory)	Incineration (INCIN), fuel substitution (FSUBS) or recovery (RORGS) (40 CFR 268.42) (non-waste water)
			Halogenated Organic Compounds (HOC's) > 1000 mg/l	INCIN (40 CFR 268.42) (non-waste water)
		D018.	Benzene	Not Established
		D039.	Tetrachloroethylene	Not Established
☐	Waste Mineral Spirits (140)	D001.	Ignitable Liquid (High TOC Subcategory)	INCIN, FSUBS, or RORGS (40 CFR 268.42) (non-waste water)
☐	Waste Mineral Spirits (sludges from Safety-Kleen Service Center Operations)	D001.	All of the above, plus:	
		D006.	__ Cadmium	1.0 (non-waste water)
		D007.	__ Chromium	5.0 (non-waste water)
		D008.	__ Lead	5.0 (non-waste water)
		D039.	__ Tetrachloroethylene	Not Established
☐	Waste Compound Cleaning Liquid/ Immersion cleaner 609	F001.	Cresylic Acid	3.2 (non-waste water)
		F002.	1, 2-dichlorobenzene	6.2 (non-waste water)
		F002.	Methylene chloride	33.0 (non-waste water)
		D006.	__ Cadmium	1.0 (non-waste water)
		D007.	__ Chromium	5.0 (non-waste water)
		D008.	__ Lead	5.0 (non-waste water)
		D022.	Chloroform	Not Established
☐	Waste Compound Cleaning Liquid/ Immersion Cleaner 699		HOC's ≥ 1000 mg/l	INCIN (40 CFR 268.42) (non-waste water)
		D006.	__ Cadmium	1.0 (non-waste water)
		D007.	__ Chromium	5.0 (non-waste water)
		D008.	__ Lead	5.0 (non-waste water)
		D018.	__ Benzene	Not Established
		D021.	__ Chlorobenzene	Not Established
		D027.	__ 1, 4 Dichlorobenzene	Not Established
		D039.	__ Tetrachloroethylene	Not Established
		D040.	__ Trichloroethylene	Not Established
☐	Waste Perchloroethylene	F002.	Tetrachloroethylene	5.6 (non-waste water)
☐	Waste Trichlorotrifluoroethane	F002.	Trichlorotrifluoroethane	28.0 (non-waste water)
☐	Waste 1,1,1 Trichloroethane	F002.	1, 1, 1 Trichloroethane	5.6 (non-waste water)
☐	Waste Mineral Spirits (Dry Cleaning)	D001.	Ignitable Liquid (High TOC Subcategory)	INCIN, FSUBS, or RORGS (40 CFR 268.42) (non-waste water)
		D039.	Tetrachloroethylene	Not Established
☑	Waste Paint Related Material	F003.	Acetone	160.0 (non-waste water)
		F005.	Methyl Ethyl Ketone	36.0 (non-waste water)
		F003.	Methyl isobutyl Ketone	33.0 (non-waste water)
		F005.	Toluene	28.0 (non-waste water)
		F003.	Xylene	28.0 (non-waste water)
		F003	Methanol	0.75 (non-waste water)
		D001.	Ignitable Liquid (High TOC Subcategory)	INCIN, FSUBS, or RORGS (40 CFR 268.42) (non-waste water)
		D006.	Cadmium	1.0 (non-waste water)
		D007.	Chromium	5.0 (non-waste water)
		D008.	Lead (TOC Subcategory)	5.0 (non-waste water)
☐	Waste Antifreeze	D008	Lead	5.0 (non-waste water)
		D039.	Tetrachloroethylene	Not Established

The constituent composition is based on knowledge of the waste (via Material Safety Data Sheets for the chemical(s) used, and the process which created the waste).

*These treatment standards do not preclude reclamation prior to final disposition.

Generator Company: BK CHEVROLET

EPA ID NO.: NYD050332444

Generator's Signature: X [signature]

Date: 4/21/92

Printed Name and Title of Generator: [illegible]

Safety-Kleen Corp. manages the above waste through its recycling and fuels programs in accordance with all applicable elements of the land disposal restrictions.

PART NO. 1325 (1/92) GENERATOR

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES
Bureau of Waste Management
P.O. Box 8550
Harrisburg, PA 17105-8550

2-119-06

FOR SHIPMENT OF HAZARDOUS, INFECTIOUS AND CHEMOTHERAPEUTIC WASTE

Form approved
OMB No. 2050-0039
Expires 9-30-92

PA-WM-51 REV. 1/91

OFFICIAL PENNSYLVANIA MANIFEST FORM

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD050332444 1508 01
Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal law but is required by State law.

3. Generator's Name and Mailing Address: B. K. Cherrolet
15-75 86th St
Brooklyn New York 11228

A. State Manifest Document Number: PAC 8376001

B. State Gen. ID

4. Generator's Phone: (718) 2320133

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.

6. US EPA ID Number: ILD 051060408

C. State Trans. ID: PA- 0173

7. Transporter 2 Company Name

8. US EPA ID Number

D. Transporter's Phone: (718) 429-0637

E. State Trans. ID: PA-

9. Designated Facility Name and Site Address: SAFETY-KLEEN CORP. 2-139-01
77 CANAL ROAD
FAIRLESS HILLS PA 19030

10. US EPA ID Number: PAD 987266715

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone: (215) 736-8699

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ HAZARDOUS WASTE, LIQUID, N.O.S. 9 NA3082 PG III (D008)(ERG#31)	001	TT	55	G	D008
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

	Lab Pack	Physical State		Lab Pack	Physical State
a.		SOL	D039	c.	
b.				d.	

K. Handling Codes for Wastes Listed Above: a. 502 c. b. d.

15. Special Handling Instructions and Additional Information

KDA-NY HANDLING CODE = T 2-118-76-2281 PP#-B050801
EMERGENCY RESP# (-708-886-4660 (24 HR)
ITEM C (NJ) NJDEPS86P0-62312 (NY)-

SKCOT# A: 1152 B: C: D:

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: D. BLISTEIN Signature: [signature] Month Day Year: 6 21 93

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: John Coleman Signature: [signature] Month Day Year: 6 21 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Month Day Year

FACILITY

19. Discrepancy Indication Space: LINE 20 Date should Read 02-23-93

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Judith A. Morgan Signature: [signature] Month Day Year: 06 23 93

PAC 8376001

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete.

NOTICE OF LAND DISPOSAL RESTRICTION OF WASTE

Safety-Kleen

TO: SAFETY-KLEEN CORP. (DESIGNATED FACILITY)

EPA ID NO. PAD987266775 (DESIGNATED FACILITY)

ADDRESS: 77 Canal Rd Fairless Hills PA 19030

Under manifest number PAC837 6001, the generator noted below is shipping to you a waste determined to be restricted under 40 CFR Part 268. In accordance with 40 CFR Part 268.7, the generator hereby provides notice that the waste is restricted from land disposal. A copy of this form must be kept by the generator and facility for five (5) years from the date of waste shipment.

In accordance with 40 CFR 268.7, the generator hereby provides notice that the waste is restricted from land disposal. I am a small quantity generator (100-1,000 kg/mo) in accordance with 40 CFR 268.7. This notice applies to all waste shipments under my service contract with Safety-Kleen Corp. It covers today's shipment on manifest No. _____, or sales/service acknowledgement No. _____, and all subsequent shipments. A copy of this notice will be maintained with the service contract(s) or sales/service acknowledgement(s) for five (5) years beyond the termination of the service contract.

PLEASE CHECK THE APPROPRIATE BOXES

✓	WASTE NAME	EPA* WASTE CODE	THE WASTE MAY CONTAIN THE FOLLOWING RESTRICTED CONSTITUENTS	TREATMENT STANDARD (mg/l) OR METHOD (FOR NON-WASTE WATER)
☐	Waste Mineral Spirits (105)	D001,	Ignitable Liquid (High TOC Subcategory)	Incineration (INCIN), fuel substitution (FSUBS) or recovery (RORGS) (40 CFR 268.42) (non-waste water)
			Halogenated Organic Compounds (HOC's) ≥ 1000 mg/l	INCIN (40 CFR 268.42) (non-waste water)
		D018,	Benzene	Not Established
		D039,	Tetrachloroethylene	Not Established
☐	Waste Mineral Spirits (140)	D001,	Ignitable Liquid (High TOC Subcategory)	INCIN, FSUBS, or RORGS (40 CFR 268.42) (non-waste water)
☐	Waste Mineral Spirits (sludges from Safety-Kleen Service Center Operations)	D001,	All of the above, plus:	
		D006,	__ Cadmium	1.0 (non-waste water)
		D007,	Chromium	5.0 (non-waste water)
		D008,	__ Lead	5.0 (non-waste water)
		D039,	__ Tetrachloroethylene	Not Established
☐	Waste Compound Cleaning Liquid/ Immersion cleaner 609	F004,	Cresylic Acid	3.2 (non-waste water)
		F002,	1, 2-dichlorobenzene	6.2 (non-waste water)
		F002,	Methylene chloride	33.0 (non-waste water)
		D006,	__ Cadmium	1.0 (non-waste water)
		D007,	__ Chromium	5.0 (non-waste water)
		D008,	__ Lead	5.0 (non waste water)
		D022,	__ Chloroform	Not Established
☐	Waste Compound Cleaning Liquid/ Immersion Cleaner 699		HOC's ≥ 1000 mg/l	INCIN (40 CFR 268.42) (non-waste water)
		D006	__ Cadmium	1.0 (non-waste water)
		D007,	__ Chromium	5.0 (non-waste water)
		D008,	__ Lead	5.0 (non-waste water)
		D018,	__ Benzene	Not Established
		D021	__ Chlorobenzene	Not Established
		D027,	__ 1, 4-Dichlorobenzene	Not Established
		D039,	__ Tetrachloroethylene	Not Established
		D040,	__ Trichloroethylene	Not Established
☐	Waste Perchloroethylene	F002,	Tetrachloroethylene	5.6 (non-waste water)
☐	Waste Trichlorotrifluoroethane	F002,	Trichlorotrifluoroethane	28.0 (non-waste water)
☐	Waste 1,1,1 Trichloroethane	F002,	1, 1, 1 Trichloroethane	5.6 (non-waste water)
☐	Waste Mineral Spirits (Dry Cleaning)	D001,	Ignitable Liquid (High TOC Subcategory)	INCIN, FSUBS, or RORGS (40 CFR 268.42) (non-waste water)
		D039,	Tetrachloroethylene	Not Established
☐	Waste Paint Related Material	F003,	Acetone	160.0 (non-waste water)
		F005,	Methyl Ethyl Ketone	36.0 (non-waste water)
		F003,	Methyl Isobutyl Ketone	33.0 (non-waste water)
		F005,	Toluene	28.0 (non-waste water)
		F003,	Xylene	28.0 (non-waste water)
		F003,	Methanol	0.75 (non-waste water)
		D001,	Ignitable Liquid (High TOC Subcategory)	INCIN, FSUBS, or RORGS (40 CFR 268.42) (non-waste water)
		D006,	Cadmium	1.0 (non-waste water)
		D007,	Chromium	5.0 (non-waste water)
		D008,	Lead (TOC Subcategory)	5.0 (non-waste water)
☑	Waste Antifreeze	D008,	Lead	5.0 (non-waste water)
		D039,	Tetrachloroethylene	Not Established

The constituent composition is based on knowledge of the waste (via Material Safety Data Sheets for the chemical(s) used, and the process which created the waste).

* These treatment standards do not preclude reclamation prior to final disposition.

Generator Company: B.K. Chevrolet

EPA ID NO.: NVD050332444

Generator's Signature: x [signature]

Date: 2-22-93

Printed Name and Title of Generator: [illegible] BLOSTEIN

HAZARDOUS WASTE STORAGE AREA

1

BK Chevrolet, Inc.
1575 86th St.
Brooklyn, N.Y. 11228
(718) 232-0200
NYD 050 332-444

12-15-93
S. Panter

ACKNOWLEDGEMENT OF NOTIFICATION

OF HAZARDOUS WASTE ACTIVITY

09/09/91

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act *(RCRA)*. Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

EPA I.D. NUMBER ->	NYD050332444
FACILITY NAME ->	B K CHEVROLET
MAILING ADDRESS ->	15-75 86TH ST BROOKLYN, NY 11228
INSTALLATION ADDRESS ->	15-75 86TH ST BROOKLYN, NY 11228

EPA Form 8700-12AB (4-80)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II
26 FEDERAL PLAZA
NEW YORK, NEW YORK 10278

ATTN: PERMITS ADMINISTRATION BRANCH, ROOM 505

TO: CENTNER JOE
B K CHEVROLET
15-75 86TH ST
BROOKLYN, NY 11228

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved OMB No. 2050-0028 GSA No. 0248-EPA-OT

United States Environmental Protection Agency
Washington, DC 20460

EPA Notification of Hazardous Waste Activity

Please refer to the *Instructions for Filing Notification* before completing this form. The information requested here is required by law (*Section 3010 of the Resource Conservation and Recovery Act*).

For Official Use Only

Comments

C

C

Installation's EPA ID Number	T/A	C	Approved	Date Received (yr mo. day)
C F NYD050332444		1		

I. Name of Installation

B. K. Chevrolet

II. Installation Mailing Address

Street or P.O. Box: 3 15-75 86Th Street

City or Town	State	ZIP Code
4 Brooklyn	NY	11228

III. Location of Installation

Street or Route Number: 5 Same as Above

City or Town	State	ZIP Code
6 Same as Above		

IV. Installation Contact

Name and Title (*last, first, and job title*)	Phone Number (*area code and number*)
2 Joe Centner	

V. Ownership

A. Name of Installation's Legal Owner	B. Type of Ownership (*enter code*)
R Boris Kotler	

VI. Type of Regulated Waste Activity (*Mark 'X' in the appropriate boxes. Refer to instructions.*)

A. Hazardous Waste Activity

- [x] 1a. Generator
- [ ] 1b. Less than 1,000 kg/mo.
- [ ] 2. Transporter
- [ ] 3. Treater/Storer/Disposer
- [ ] 4. Underground Injection
- [ ] 5. Market or Burn Hazardous Waste Fuel (*enter 'X' and mark appropriate boxes below*)
  - [ ] a. Generator Marketing to Burner
  - [ ] b. Other Marketer
  - [ ] c. Burner

B. Used Oil Fuel Activities

- [ ] 6. Off-Specification Used Oil Fuel (*enter 'X' and mark appropriate boxes below*)
  - [ ] a. Generator Marketing to Burner
  - [ ] b. Other Marketer
  - [ ] c. Burner
- [ ] 7. Specification Used Oil Fuel Marketer (*or On site Burner*) Who First Claims the Oil Meets the Specification

VII. Waste Fuel Burning: Type of Combustion Device (*enter 'X' in all appropriate boxes to indicate type of combustion device(s) in which hazardous waste fuel or off-specification used oil fuel is burned. See instructions for definitions of combustion devices.*)

- [ ] A. Utility Boiler
- [ ] B. Industrial Boiler
- [ ] C. Industrial Furnace

VIII. Mode of Transportation (*transporters only — enter 'X' in the appropriate box(es)*)

- [ ] A. Air
- [ ] B. Rail
- [x] C. Highway
- [ ] D. Water
- [ ] E. Other (*specify*)

IX. First or Subsequent Notification

Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.

- [x] A. First Notification
- [ ] B. Subsequent Notification (*complete item C*)

C. Installation's EPA ID Number

3/6/91 ZPH # already waste - using form is update. (BL)

(Whitey) Collins, Nunn, [illegible]

EPA Form 8700-12 (Rev. 11-85) Previous edition is obsolete.

Continue on reverse

ID – For Official Use Only		
C		T/A C
W		1

X. Description of Hazardous Wastes *(continued from front)*

A. Hazardous Wastes from Nonspecific Sources. Enter the four-digit number from 40 *CFR* Part 261.31 for each listed hazardous waste from nonspecific sources your installation handles. Use additional sheets if necessary.

1	2	3	4	5	6
D001	D008	F002	F003	F005	
7	8	9	10	11	12

B. Hazardous Wastes from Specific Sources. Enter the four-digit number from 40 *CFR* Part 261.32 for each listed hazardous waste from specific sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

C. Commercial Chemical Product Hazardous Wastes. Enter the four-digit number from 40 *CFR* Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48

D. Listed Infectious Wastes. Enter the four-digit number from 40 *CFR* Part 261.34 for each hazardous waste from hospitals, veterinary hospitals, or medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54

E. Characteristics of Nonlisted Hazardous Wastes. Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. *(See 40 CFR Parts 261.21 – 261.24)*

- [X] 1. Ignitable *(D001)*
- [ ] 2. Corrosive *(D002)*
- [ ] 3. Reactive *(D003)*
- [ ] 4. Toxic *(D000)*

XI. 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.

Signature	Name and Official Title *(type or print)*	Date Signed
X Joe Centrie	X Service Manager	7/23/91

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved. OMB No. 2050-0028. Expires 9-30-88
GSA No. 0246-EPA-GT

United States Environmental Protection Agency
Washington, DC 20460

EPA Notification of Hazardous Waste Activity

Please refer to the *Instructions for Filing Notification* before completing this form. The information requested here is required by law (*Section 3010 of the Resource Conservation and Recovery Act*).

For Official Use Only

Comments: C C

Installation's EPA ID Number	Approved	Date Received (yr. mo. day)
C F NYD050332444 T/A C 1		

I. Name of Installation

B K CHEVROLET INC

II. Installation Mailing Address

Street or P.O. Box: C 3 1575 86 ST BROOKLYN NY

City or Town	State	ZIP Code
C 4 BRODKLYN	NY	11228

III. Location of Installation

Street or Route Number: C 5 1575 86 ST Kingsday

City or Town	State	ZIP Code
C 6 BRODKLYN	NY	11228

IV. Installation Contact

Name and Title (last, first, and job title)	Phone Number (area code and number)
C 7 BORIS KOTLER	718 232 0200

V. Ownership

A. Name of Installation's Legal Owner	B. Type of Ownership (enter code)
C 8 BK CHEVROLET INC	P

VI. Type of Regulated Waste Activity (*Mark 'X' in the appropriate boxes. Refer to instructions.*)

A. Hazardous Waste Activity

- [X] 1a. Generator
- [ ] 1b. Less than 1,000 kg/mo.
- [ ] 2. Transporter
- [ ] 3. Treater/Storer/Disposer
- [ ] 4. Underground Injection
- [ ] 5. Market or Burn Hazardous Waste Fuel (*enter 'X' and mark appropriate boxes below*)
  - [ ] a. Generator Marketing to Burner
  - [ ] b. Other Marketer
  - [ ] c. Burner

B. Used Oil Fuel Activities

- [ ] 6. Off-Specification Used Oil Fuel (*enter 'X' and mark appropriate boxes below*)
  - [X] a. Generator Marketing to Burner
  - [ ] b. Other Marketer
  - [ ] c. Burner
- [ ] 7. Specification Used Oil Fuel Marketer (*or On site Burner*) Who First Claims the Oil Meets the Specification

VII. Waste Fuel Burning: Type of Combustion Device (*enter 'X' in all appropriate boxes to indicate type of combustion device(s) in which hazardous waste fuel or off-specification used oil fuel is burned. See instructions for definitions of combustion devices.*)

[ ] A. Utility Boiler [ ] B. Industrial Boiler [ ] C. Industrial Furnace

VIII. Mode of Transportation (*transporters only — enter 'X' in the appropriate box(es)*)

[ ] A. Air [ ] B. Rail [ ] C. Highway [ ] D. Water [ ] E. Other (*specify*)

IX. First or Subsequent Notification

Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.

[X] A. First Notification [ ] B. Subsequent Notification (*complete item C*)

C. Installation's EPA ID Number

ID — For Official Use Only		
C W	T/A	C 1

X. Description of Hazardous Wastes *(continued from front)*

A. Hazardous Wastes from Nonspecific Sources. Enter the four-digit number from 40 *CFR* Part 261.31 for each listed hazardous waste from nonspecific sources your installation handles. Use additional sheets if necessary.

1	2	3	4	5	6
X001					
7	8	9	10	11	12

B. Hazardous Wastes from Specific Sources. Enter the four-digit number from 40 *CFR* Part 261.32 for each listed hazardous waste from specific sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

C. Commercial Chemical Product Hazardous Wastes. Enter the four-digit number from 40 *CFR* Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
D001					
37	38	39	40	41	42
43	44	45	46	47	48

D. Listed Infectious Wastes. Enter the four-digit number from 40 *CFR* Part 261.34 for each hazardous waste from hospitals, veterinary hospitals, or medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54

E. Characteristics of Nonlisted Hazardous Wastes. Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. *(See 40 CFR Parts 261.21 — 261.24)*

☐ 1. Ignitable *(D001)* ☐ 2. Corrosive *(D002)* ☐ 3. Reactive *(D003)* ☐ 4. Toxic *(D000)*

XI. 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.

Signature	Name and Official Title *(type or print)*	Date Signed
	BORIS KOTLER	4/18/86

12 - 2 Gr & file done 10/8/86

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved OMB No 2050-0028 Expires 9-30-88
GSA No 0246 EPA-QT

United States Environmental Protection Agency
Washington, DC 20460

EPA Notification of Hazardous Waste Activity

Please refer to the *Instructions for Filing Notification* before completing this form. The information requested here is required by law (*Section 3010 of the Resource Conservation and Recovery Act*).

For Official Use Only

Comments

Installation's EPA ID Number	Approved	Date Received (yr. mo. day)
NYD050332444	A	860421

I. Name of Installation

BK CHEVROLET

II. Installation Mailing Address

Street or P.O. Box: 1575 86TH STREET

City or Town	State	ZIP Code
BROOKLYN	NY	11228

III. Location of Installation

Street or Route Number: Same

City or Town	State	ZIP Code

IV. Installation Contact

Name and Title (last, first, and job title)	Phone Number (area code and number)
MICHAEL PARAGINO	718 232 5900

V. Ownership

A. Name of Installation's Legal Owner	B. Type of Ownership (enter code)
BERLIS KETTLER	Dealership

VI. Type of Regulated Waste Activity (*Mark 'X' in the appropriate boxes. Refer to instructions.*)

A. Hazardous Waste Activity

- [X] 1a. Generator
- [X] 1b. Less than 1,000 kg/mo.
- [ ] 2. Transporter
- [ ] 3. Treater/Storer/Disposer
- [ ] 4. Underground Injection
- [ ] 5. Market or Burn Hazardous Waste Fuel (*enter "X" and mark appropriate boxes below*)
  - [ ] a. Generator Marketing to Burner
  - [ ] b. Other Marketer
  - [ ] c. Burner

B. Used Oil Fuel Activities

- [ ] 6. Off-Specification Used Oil Fuel (*enter "X" and mark appropriate boxes below*)
  - [ ] a. Generator Marketing to Burner
  - [ ] b. Other Marketer
  - [ ] c. Burner
- [ ] 7. Specification Used Oil Fuel Marketer (*or On-site Burner*) Who First Claims the Oil Meets the Specification

VII. Waste Fuel Burning: Type of Combustion Device (*enter "X" in all appropriate boxes to indicate type of combustion device(s) in which hazardous waste fuel or off-specification used oil fuel is burned. See instructions for definitions of combustion devices.*)

- [ ] A. Utility Boiler
- [ ] B. Industrial Boiler
- [ ] C. Industrial Furnace

VIII. Mode of Transportation (*transporters only — enter "X" in the appropriate box(es)*)

- [ ] A. Air
- [ ] B. Rail
- [ ] C. Highway
- [ ] D. Water
- [ ] E. Other (*specify*)

IX. First or Subsequent Notification

Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.

- [X] A. First Notification
- [ ] B. Subsequent Notification (*complete item C*)

C. Installation's EPA ID Number

ID — For Official Use Only		
C W	T/A	C 1

X. Description of Hazardous Wastes *(continued from front)*

A. Hazardous Wastes from Nonspecific Sources. Enter the four-digit number from 40 *CFR* Part 261.31 for each listed hazardous waste from nonspecific sources your installation handles. Use additional sheets if necessary.

1	2	3	4	5	6
7	8	9	10	11	12

B. Hazardous Wastes from Specific Sources. Enter the four-digit number from 40 *CFR* Part 261.32 for each listed hazardous waste from specific sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

C. Commercial Chemical Product Hazardous Wastes. Enter the four-digit number from 40 *CFR* Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48

D. Listed Infectious Wastes. Enter the four-digit number from 40 *CFR* Part 261.34 for each hazardous waste from hospitals, veterinary hospitals, or medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54

E. Characteristics of Nonlisted Hazardous Wastes. Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. *(See 40 CFR Parts 261.21 — 261.24)*

- [X] 1. Ignitable *(D001)*
- [ ] 2. Corrosive *(D002)*
- [ ] 3. Reactive *(D003)*
- [X] 4. Toxic *(D000)*

XI. 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.

Signature	Name and Official Title *(type or print)*	Date Signed
	[illegible]	10/2/86

FOIA Report of Non-Sensitive Compliance Monitoring and Enforcement Data

Report run on: July 18, 2014 - 12:39 PM

Version 5.0

User Selection Criteria

Location:	New York, all activities	**Activity Location:**	None Chosen
Handler ID:	NYD050332444	**Group of IDs:**	None Chosen
Handler Name:			
Handler Universe:	All Facilities Regardless of Universe		
Determined Date Range:	From: 10/01/1980 To: 07/18/2014		
Location County Code:	None Chosen	**Evaluation Type:**	
Location City:		**Focus Area:**	
Location Zip Code:		**Violation Type:**	
State District:	None Chosen	**Display Code Descrip.:**	Yes
Sort Order:	Region, State, Handler Name	**Display Universes:**	Yes

Results

Data meeting the criteria you selected follows.

Total Pages:4 Total Handlers:1

Report Description

This report presents available information from the Resource Conservation and Recovery Act Information System (RCRAInfo) about compliance evaluations, violations, and enforcement actions meeting the criteria supplied by the user. Evaluations showing no violations does not always indicate that no violations were determined. Violation without enforcement actions does not always mean no enforcement action will be issued. In order to avoid releasing enforcement sensitive information to the public the following information is not shown on the report: pending civil / judicial referrals, criminal actions and referrals, and State to EPA referrals; all other enforcement actions are released.

Report Information

Name:	cme_foia.rdf
Developed by:	EPA Headquarters, Office of Enforcement and Compliance Assurance
Deployed:	June 2006
Last Updated:	May 2012
Contact:	rcrainfo.help@epa.gov
Tables Used:	cmecomp3, citation3, hreport_un v5, lu_citation, lu_state, hid_groups
Libraries:	none

FOIA Report of Non-Sensitive Compliance Monitoring and Enforcement Data

Report run on: July 18, 2014 - 12:39 PM

B K CHEVROLET

County Name / Code: KINGS / NY047

NYD050332444

REGION 02

Location: 15-75 96TH ST; BROOKLYN, NY 11228

Mailing: 15-75 96TH ST; BROOKLYN, NY 11228

Activity Location: NY | State District: NYSDEC R2 | Accessibility: | Non-Notifier: | Extract Flag: Y | Active Site: N

Generator: N | Transporter: N | Operating TSDF: ----- | CA In Place: N | EI Indicator (HE / GW) N / N

Short-Term Gen: N | Transfer Facility: N | Offsite Receiver: N | HSM: N | Subpart K: ---

Full Enforcement: ----- | Converter: ----- | State Unaddressed SNC: N | EPA Unaddressed SNC: N

CA Wrkld: N | State TSDF: ---- | State Addressed SNC: N | EPA Addressed SNC: N

Active State Gen: N | State SNC w/Comp Sched: N | EPA SNC w/Comp Sched: N

Evaluations With No Violations:

CEI Evaluation 12/15/1993 Activity Location: NY By: EPA Contractor Identifier: 000 Person: R2TRC Branch: RCB Found Violation: NO

Citizen Complaint: NO Multimedia Inspection: NO Sampling: NO Not Subtitle C: NO Day Zero: Focus Area:

Total Number of Handlers: 1

Total Number of Activity Locations: 1

* End of Report *

* Note: Penalty amount may not reflect all violations cited.

Description of codes used on the report:

Universes	Description of Universes
Generator	Indicates that the facility is a Large Quantity Generator (LQG), Small Quantity Generator (SQG), Conditionally Exempt Small Quantity Generator (CEG), or not a generator (N).
Transporter	Indicates that the facility Transports waste subject to RCRA regulations. ('Y' indicates that the facility is in this universe).
Operating TSDF	Indicates that the facility is a Treatment, Storage or Disposal facility subject to any type of enforcement. It then specifies the type of facility (L - Land Disposal; I - Incinerator; B - BIF; S - Storage; T - Treatment)
IC in Place	Indicates that the facility has Institutional Controls in place. ('Y' indicates that the facility is in this universe).
EI Indicator (HE / GW)	Indicates that the facility has controls in place for Environmental Indicators. HE - Human Exposures ('+' indicates the exposure exists and is under control; '-' indicates the exposure exists and is not under control; 'N' indicates the exposure does not exist) GW - Groundwater Release ('+' indicates the exposure exists and is under control; '-' indicates the exposure exists and is not under control; 'N' indicates the exposure does not exist)
Short-Term Gen	Indicates that the facility is a short term or one time event generator and not generating from ongoing processes.
Transfer Facility	Indicates that the facility transfers hazardous waste.
Offsite Receiver	Indicates that the facility, whether public or private, currently accepts hazardous waste from another site (site identified by a different EPA ID)
HSM	Indicates that the facility manages hazardous secondary material(s) (e.g. spent material, by-product or sludge) that when discarded, would be identified as hazardous waste.
Subpart K	Indicates that the facility has opted into the subpart K laboratory rule. It then specifies the type of facility (C - College or University; H - Teaching Hospital; N - Non-profit Research Institute; W - withdrawal from the rule)
Full Enforcement	Indicates that the facility is a Treatment, Storage or Disposal facility which is part of the Full Enforcement universe. It then specifies the type of facility (L - Land Disposal; I - Incinerator; B - BIF; S - Storage; T - Treatment)
CA Workload	Indicates that the facility is part of the Corrective Action Workload universe. ('Y' indicates that the facility is in this universe).
Active State Gen	Indicates that the facility is an Active State Generator. ('Y' indicates that the facility is in this universe).
Converter	Indicates that the facility is a Converter Treatment, Storage or Disposal facility. It then specifies the type of facility (L - Land Disposal; I - Incinerator; B - BIF; S - Storage; T - Treatment)
State TSDF	Indicates that the facility is a State Treatment, Storage or Disposal facility. It then specifies the type of facility (L - Land Disposal; I - Incinerator; B - BIF; S - Storage; T - Treatment)
State Unaddressed SNC	Indicates that the facility is a State Unaddressed Significant Non-Complier. ('Y' indicates that the facility is in this universe).
State Addressed SNC	Indicates that the facility is a State Addressed Significant Non-Complier. ('Y' indicates that the facility is in this universe).
State SNC w/ Compl. Sched	Indicates that the facility is a State Significant Non-Complier with a Compliance Schedule. ('Y' indicates that the facility is in this universe).
EPA Unaddressed SNC	Indicates that the facility is an EPA Unaddressed Significant Non-Complier. ('Y' indicates that the facility is in this universe).
EPA Addressed SNC	Indicates that the facility is an EPA Addressed Significant Non-Complier. ('Y' indicates that the facility is in this universe).
EPA SNC w/ Compl. Sched	Indicates that the facility is a EPA Significant Non-Complier with a Compliance Schedule. ('Y' indicates that the facility is in this universe).

* Note: Penalty amount may not reflect all violations cited.

Description of codes used on the report:

ACCESSIBILITY - indicates the reason why the handler is not accessible for normal RCRA tracking and processing (previously called Bankrupt Indicator):

Code	Description
B	indicates that the handler has filed for bankruptcy and bankruptcy litigation is in process.
C	indicates that all RCRA responsibilities for permitting/closure, corrective action, and compliance monitoring and enforcement at the facility have been formally transferred to the CERCLA program or state equivalent.
F	indicates that all responsible parties (owners/operators) for the handler have fled the country or are otherwise not available for prosecution.
L	indicates that the handler's case is tied up in litigation to the extent that further progress in achieving RCRA compliance through normal enforcement is not possible.

NON-NOTIFIER - indicates that the handler has been identified through a source other than Notification and is suspected of conducting RCRA-regulated activities without proper authority:

Code	Description
E	indicates that the handler was initially a non-notifier, subsequently determined to be exempt from requirements to notify.
O	indicates that the handler is a former non-notifier.
X	indicates that the handler is a non-notifier.

Evaluation Type	Type Description
CEI	COMPLIANCE EVALUATION INSPECTION ON-SITE

* Note: Penalty amount may not reflect all violations cited.