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Specify Type of Document(s) / Comments:

Rev. 07/10/02

171316

J.L.CLARK
a member of the CLARCOR packaging products group

Date: February 22, 1990

To: Greg Gann*/George Mastromatteo*
Dick Anderson*/Bill Pruyne*

By: Jim Klotz

Copies To: Gordon VerWeyst

Reference: J. L. Clark - Consumer Products Group

Subject: 1989 Waste Minimization and Hazardous Waste Reports

F162

Attached is a signed copy of your 1989 USEPA Reports. This has been filed by certified mail prior to the 3/1/90 deadline. We will forward the certified receipts to you when we receive them.

Should you have any questions, please let us know.

JKK:tkb

Attach.

*Fax'd. 2/22/90

J.L.CLARK
a member of the CLARCOR packaging products group

February 22, 1990

US EPA Region V
RCRA Activities
P.O. Box A-3587
Chicago, Illinois 60690

- Certified Mail -
P 945 779 234

Gentlemen:

Enclosed please find the completed 1989 Waste Minimization Report for J. L. Clark Atlas Division. We understand that in the future this report will become part of the Illinois Annual Hazardous Waste Report.

Should you have any questions regarding this report, please contact me at (815) 962-8861.

Sincerely,

James K. Klotz
Chemist/Environmental Engineer

JKK:tkb

Enclosure

cc: Dick Anderson
Bill Pruyne
Greg Gann

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125
815/962-8861
FAX: 815/962-6356

OMB# 2050-0024 Expires 3-31-92

U.S. ENVIRONMENTAL PROTECTION AGENCY

1989 Waste Minimization Report

FORM **IC**

IDENTIFICATION AND CERTIFICATION

INSTRUCTIONS: Read the detailed instructions beginning on page 6 of the 1989 Hazardous Waste Report booklet before completing this form.

SEC. I Site name and location address. Complete items A through H. Check the box ☒ in items A, B, D, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information. Instruction page 6.

A. EPA ID No. Same as label ☐ or → ILD005130000

B. Site/company name Same as label ☐ or → J.L. Clark-Atlas Tube Division

C. Has the site name associated with this EPA ID changed since 19877 ☐ 1 Yes ☒ 2 No

D. Street name and number. If not applicable, enter industrial park, building name or other physical location description. Same as label ☐ or → 2300 Wisconsin Avenue

E. City, town, village, etc.	F. County	G. State	H. Zip Code
Same as label ☐ or → Downers Grove	DuPage	Same as label ☐ IL	Same as label ☐ 60515 –

SEC. II Mailing address of site. Instruction page 6.

A. Is the mailing address the same as the location address? ☒ 1 Yes (SKIP TO SEC. III) ☐ 2 No (COMPLETE SEC. II)

B. Number and street name of mailing address

C. City, town, village, etc.	D. State	E. Zip Code
		–

SEC. III Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instruction page 6.

A. Please print: Last name	First name	M.I.	B. Title	C. Telephone
Klotz	James	K.	Chemist/ Environmental Engineer	815 962 – 8861 Extension

SEC. IV Enter the Standard Industrial Classification (SIC) Code that describes the principal products, group of products, produced or distributed, or the services rendered at the site's physical location. Enter more than one SIC Code only if no one industry description includes the combined activities of the site. Instruction page 7.

A.	B.	C.	D.
3499	N/A	N/A	N/A

SEC. V 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.

A. Number of form pages submitted Form IC 002 Form WM 000

B. Please print: Last name	First name	M.I.	C. Title
Moreau	Ronald	A.	Group Vice President

D. Signature Ronald A Moreau

E. Date of signature 02 (MO.) 23 (DAY) 90 (YR.)

EPA Form 8700-13A/B (5-80) (Revised 11-85) (Revised 12-87) (Revised 11-89) OVER --->

Sec. VI Waste Minimization Activity during 1988 or 1989

A. Did this site begin or expand a source reduction activity during 1988 or 1989? Instruction page 8	B. Did this site begin or expand a recycling activity during 1988 or 1989? Page 8	C. Did this site conduct a source reduction or recycling opportunity assessment during 1988 or 1989? Page 8
☐ 1 Yes ☒ 2 No	☐ 1 Yes ☒ 2 No	☐ 1 Yes ☒ 2 No

D. What factors have limited this site from initiating new source reduction activities during 1988 or 1989? (CHECK ALL THAT APPLY) Page 8

- ☐ 01 No factors have limited new source reduction activities.
- ☐ 02 Insufficient capital to install new source reduction equipment or implement new source reduction practices.
- ☒ 03 Lack of technical information on source reduction techniques, applicable to my specific production processes.
- ☒ 04 Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment.
- ☒ 05 Concern that product quality may decline as a result of source reduction.
- ☐ 06 Technical limitations of the production processes.
- ☐ 07 Permitting burdens.
- ☐ 08 Other (SPECIFY IN COMMENTS)

E. What factors have limited this site from initiating new on-site or off-site recycling activities during 1988 or 1989? (CHECK ALL THAT APPLY) Page 8

- ☒ 01 No factors have limited new recycling activities.
- ☐ 02 Insufficient capital to install new recycling equipment or implement new recycling practices.
- ☐ 03 Lack of technical information on recycling techniques applicable to this site's specific production processes.
- ☐ 04 Recycling is not economically feasible: cost savings in waste management or production will not recover the capital investment.
- ☐ 05 Concern that product quality may decline as a result of recycling.
- ☐ 06 Requirements to manifest wastes inhibit shipments off site for recycling.
- ☐ 07 Financial liability provisions inhibit shipments off site for recycling.
- ☐ 08 Technical limitations of product processes inhibit shipments off site for recycling.
- ☐ 09 Techical limitations of production processes inhibit on-site recycling.
- ☐ 10 Permitting burdens inhibit recycling.
- ☐ 11 Lack of permitted off-site recycling facilities.
- ☐ 12 Unable to identify a market for recyclable materials.
- ☐ 13 Other (SPECIFY IN COMMENTS)

Comments:

P 945 779 234

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

JKL

Sent to USEPA Region V	
Street and No. P.O. Box A-3587	
P.O., State and ZIP Code Chicago, IL 60690	
Postage	$ .25
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	.60
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$ 2.00
Postmark or Date	

ROCKFORD FEB 24 PM 1990

PS Form 3800, June 1988

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.
1. ☐ Show to whom delivered, date, and address of delivery. *(Extra charge)* 2. ☐ Restricted Delivery *(Extra charge)* JKL-A

3. Article Addressed to:
USEPA Region V
RCRA Activities
P.O. Box A-3587
Chicago, IL 60690

4. Article Number
P 945 779 234

Type of Service:
☐ Registered ☐ Insured
☐ ☒ Certified ☐ COD
☐ Express Mail ☒ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature – Addressee
X

6. Signature – Agent
X [signature]

7. Date of Delivery
2/1/90

8. Addressee's Address *(ONLY if requested and fee paid)*

PS Form 3811, Mar. 1988 ★ U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

J.L.CLARK
a member of the CLARCOR packaging products group

Date: February 20, 1990

To: Dick Anderson

By: Jim Klotz

Copies To: Bill Pruyne/Greg Gann
Gordon VerWeyst

Reference: J. L. Clark - Atlas Tube

Subject: Hazardous Waste Generators Report

F162

Attached is a signed copy of the report your forwarded. This has been filed by certified mail with the state prior to the 3/1/90 filing date and we will forward certified receipts to you when we receive them.

We did make several changes to your report. The USEPA ID number was incorrect on two pages. Due to the problems we have had in the past with the state on your reports, it is important that each document (this report, as well as waste manifests) show the correct ID number. We also added a statement to your comments section to reflect the time needed in terms of coating reformulation. Should you have any questions, please let us know.

JKK:tkb

Attach.

J.L.CLARK
a member of the CLARCOR packaging products group

February 20, 1990

Mr. Eugene P. Theios
Manager, Administrative Compliance Unit
Division of Land Pollution Control
Illinois Environmental Protection Agency
P.O. Box 19276
Springfield, Illinois 62794-9276

- CERTIFIED MAIL -
P 945 779 229

Dear Mr. Theios:

Enclosed please find the completed 1989 Generator Annual Hazardous Waste Report for J. L. Clark - Atlas Division. This submission satisfies the requirements of 35 Illinois Administrative Code 722.141.

Should you require any additional information, please contact me at (815 961-5686.

Sincerely,

James K. Klotz, CHMM
Chemist/Environmental Engineer

JKK:tkb

Enclosure

cc: Gordon VerWeyst
Dick Anderson
Bill Pruyne
Greg Gann

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125
815/962-8861
FAX: 815/962-6356

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1989 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

For Agency use | L P H W C | CARD | 2 0 | TRANS | A | | 0 2 2 8 9 0 |
(1–5) (6–7) (8) (9–14)

GENERATOR USEPA I.D. NUMBER | I L | (17) GENERATOR IEPA I.D. NUMBER ILD 005 130 020 043 86300 02

GENERATOR COMPANY NAME: GENERAL MANAGER J L CLARK

MAILING ADDRESS: 2300 WISCONSIN AVE DOWNERS GROVE IL 60515
STREET

LOCATION WASTE GENERATED: 2300 Wisconsin Avenue, Downers Grove, 60515
STREET CITY ZIP

CONTACT PERSON: James K. Klotz (815) 961-5686
NAME A/C PHONE

GENERATOR SIC CODE | 3 4 9 9 |

NON-REGULATED STATUS If your company was not regulated during 1989, circle the numeric code (1-5) that describes your non-regulated status during the entire year AND circle the code for the time period this status is expected to apply (6-8). Sign and date this form and attach comment page before mailing.

a. 1 (15) NO HAZARDOUS WASTE SHIPPED OFF-SITE

2 (15) SMALL QUANTITY GENERATOR (Did not generate more than 1000 kg of hazardous waste (or 1 Kg acutely hazardous waste) in any month or accumulate 6000 kg hazardous waste for more than 180 days or more than 270 days for waste transported to a facility over 200 miles away.)

3 (15) FARMING OR OTHER OPERATIONS EXEMPT UNDER 35 Ill. Adm. Code 721.104

4 (15) EXEMPT UNDER 35 Ill. Adm. Code 721.106

5 (15) CLOSED (Prior to 1/1/89) and no waste was shipped off-site

b. 6 (16) FOR 1989 ONLY, explain in comment section

7 (16) PERMANENTLY, explain in comment section

8 (16) OTHER, explain in comment section

REGULATED STATUS If your company does not qualify for non-regulated status it is regulated for 1989. You must complete the entire report including Page 1 (Generator Information), Page 2 (Comments), Page 3 (Waste Minimization), Page 4 (Transportation Services) and Page(s) 5, 6, 7, etc. (Facility Information).

This Agency is authorized to require this information under Illinois Revised Statutes, 1981, Chapter III-1/2, Sections 1004 and 1021(f)(2). Disclosure of this information is required. Failure to do so may result in a civil penalty up to $25,000 for each day the failure continues, a fine up to $1,000,000.00 and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

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.

Ronald A. Moreau Group Vice President Ronald A Moreau 2/21/90
PRINT/TYPE NAME TITLE SIGNATURE DATE

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1989 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

GENERATOR USEPA I.D. NUMBER IL: ILD005130000

GENERATOR IEPA I.D. NUMBER: 0438030002

COMMENTS:

The Downers Grove Division of J. L. Clark has experienced a decrease in waste stream volume during the 1989 year. This is due to a decrease in production volume. Our waste stream consists of waste solvents and paint related materials.

The waste solvents and paint materials are fractionated with a 60% yield being sold by our waste facility to either us, or to other solvent users. The remaining 40% balance including the still bottoms are blended into secondard fuel. No still bottoms are used in land fill.

The solvent waste was down from 2145 gallons in 1988 to 1210 gallons in 1989. This was due to decreased business levels. Efforts are under way to reduce additives used in our coatings and internal linings which will reduce the amounts of added solvents into paint materials and linings. As the majority of these products are used in pharmaceutical applications, modifications must pass FDA testing and regulations. And therefore require a time consuming review process.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1989 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

GENERATOR USEPA I.D. NUMBER	GENERATOR IEPA I.D
ILD005130000	0438030002

I. WASTE MINIMIZATION ACTIVITY

a. Efforts taken in 1989 to implement waste minimization includes the following (this can be reduction of total volume of waste or reduction of toxicity, or both, consistent with minimizing present or future threats to human health and the environment): (Indicate all that apply)

YES (NO) Did you create or expand a source reduction program during report year? This implies any action that reduces the toxicity or amount of waste exiting a process, such as feedstock modifications, process modifications, housekeeping practices.

YES (NO) Did you create or expand an on-site recycling program during the report year? This implies use, reuse, or reclamation of a waste after it has been generated.

YES (NO) Did you conduct a source reduction and/or recycling opportunity assessment or audit during the report year?

YES (NO) Did you use the Industrial Materials Exchange Service or another waste exchange during the report year?

IF you answered "no" to ALL of these questions, continue to section c. If you answered "yes" to ANY of these questions, continue to section b.

b. YES NO Did these efforts result in minimization of waste?

IF "yes" identify the waste stream minimized:

Waste type (page 6 of instructions):__ __

RCRA Hazardous Waste Code (Appendix C):__ __ __ __

Method of minimization:

- ___ On-site recycling
- ___ Equipment or technology modification/substitution
- ___ Process modification/substitution
- ___ Feedstock modification
- ___ Waste stream segregation
- ___ Industrial Materials Exchange Service or other waste exchange
- ___ Improved housekeeping
- ___ Other (Specify):_____

Results of minimization:

Toxicity reduction YES NO

Quantity prevented: _____gallons

Did efforts result in increase in emissions to air, land or water? YES NO

c. What factors delayed or prevented implementation of waste minimization?

- ___ Insufficient capital
- ___ Permitting burdens
- x Technical limitations
- x Not economically feasible
- x Other, explain: Product quality might decline

II. ON-SITE WASTE MANAGEMENT STATUS

YES (NO) Waste is managed on-site in RCRA permitted units and is being reported on a Facility Annual Report.

YES (NO) Waste was treated, recycled, or disposed on-site in units exempt from RCRA permitting requirements. (This includes discharges under NPDES permits, direct discharges to a POTW, on-site treatment and discharge to municipal treatment works, on-site recycling, burning in industrial boilers and furnaces for energy recovery.)

If "yes" the waste type (from page 6 of the instructions) is __ __.

The amount of waste so managed during the report year was _____ tons.

If a second waste type is so managed, the waste type is __ __ and the amount managed was _____tons.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1989 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

FOR AGENCY USE LPHWC (1–5) CARD 50 (6–7) TRANS A (8) 022890 (9–14)

GENERATOR USEPA I.D. NUMBER: ILD005130000 (18–29)

GENERATOR IEPA I.D. NUMBER: 0438030002 (30–39)

Complete one of these pages for each Facility utilized during the year. All facilities in or out of state receiving hazardous waste generated in Illinois have a USEPA and a IEPA I.D. Number. Obtain this information from Appendix B, the facility or from your manifest copy.

FACILITY USEPA I.D NUMBER: WID008082 4 (41–52)

FACILITY IEPA I.D. NUMBER: 9550250001 (53–62)

AVGANIC INDUSTRIES, INC.

FACILITY NAME

(608) 257-1414

A/C PHONE

114 N. MAIN ST.

ADDRESS (where waste was managed)

COTTAGE GROVE — CITY

WISCONSIN — STATE

53527 — ZIP

LINE NO. (66)	DESCRIPTION OF WASTE	WASTE TYPE (67–68)	RCRA HAZARDOUS WASTE CODE (69–84)	AMOUNT (gals. only) (85–93)	DENSITY (lbs./gal) (94–96)	ORIGIN (132)	MGMT CTGRY (133–134)
1	WASTE PAINT RELATED MATERIAL FLAMMABLE LIQUID UN 1263	03	F003	1210	06.5	1	02
2							
3							
4							
5							
6							
7							
8							

Page 0005 (97–100)

P 945 779 229

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

JKK

Sent to	IEPA-Land Poll. Control
Street and No.	P.O. Box 19276
P.O., State and ZIP Code	Springfield, IL 62794-9276
Postage	$ .45
Certified Fee	85
Special Delivery Fee	
Restricted Delivery Fee	90
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	20
Postmark or Date	

ROCKFORD, IL FEB 1990

PS Form 3800, June 1985

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. *(Extra charge)*
2. ☐ Restricted Delivery *(Extra charge)* JKK

3. Article Addressed to:
Ill EPA
Div. of Land Pollution Control
P.O. Box 19276
Springfield IL 62794-9276

4. Article Number
P 945 779 229

Type of Service:
☐ Registered ☐ Insured
☑ Certified ☐ COD
☐ Express Mail ☑ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature — Address
X Illinois Environmental Protection Agcy.
2200 Churchill Rd. - P.O. Box 19276

6. Signature — Agent
X Springfield, Illinois 62794-9276

7. Date of Delivery FEB 23 1990

8. Addressee's Address *(ONLY if requested and fee paid)*
FEB 23 1990

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

J.L.CLARK
a member of the CLARCOR packaging products group

Date: February 7, 1990

To: Jim Klotz

By: Richard Anderson

Copies To: Bill Pruyne, Greg Gann

Reference: J. L. Clark - Atlas Tube

Subject: Hazardous Waste Generator Report

F162

Attached is the 1989 Generator Annual Hazardous Waste Report. Bill Pruyne has completed all the information on this report, however, it needs to be signed by Ron Moreau. Please review the report and if you agree, submit it to Ron for approval. Since it's being approved in Rockford, please send directly to the Illinois agency and send us a copy of the approved form being submitted to the state.

✓ Administration Section

✓ J.D. #

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1989 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

GENERATOR USEPA I.D. NUMBER: ILD005130000

GENERATOR IEPA I.D: 0438030002

I. WASTE MINIMIZATION ACTIVITY

a. Efforts taken in 1989 to implement waste minimization includes the following (this can be reduction of total volume of waste or reduction of toxicity, or both, consistent with minimizing present or future threats to human health and the environment): (Indicate all that apply)

YES (NO) Did you create or expand a source reduction program during report year? This implies any action that reduces the toxicity or amount of waste exiting a process, such as feedstock modifications, process modifications, housekeeping practices.

YES (NO) Did you create or expand an on-site recycling program during the report year? This implies use, reuse, or reclamation of a waste after it has been generated.

YES (NO) Did you conduct a source reduction and/or recycling opportunity assessment or audit during the report year?

YES (NO) Did you use the Industrial Materials Exchange Service or another waste exchange during the report year?

IF you answered "no" to ALL of these questions, continue to section c. If you answered "yes" to ANY of these questions, continue to section b.

b. YES NO Did these efforts result in minimization of waste?

IF "yes" identify the waste stream minimized:

Waste type (page 6 of instructions):__ __

RCRA Hazardous Waste Code (Appendix C):__ __ __ __

Method of minimization:

___ On-site recycling
___ Equipment or technology modification/substitution
___ Process modification/substitution
___ Feedstock modification
___ Waste stream segregation
___ Industrial Materials Exchange Service or other waste exchange
___ Improved housekeeping
___ Other (Specify):_____

Results of minimization:

Toxicity reduction YES NO

Quantity prevented: _____gallons

Did efforts result in increase in emissions to air, land or water? YES NO

c. What factors delayed or prevented implementation of waste minimization?

___ Insufficient capital
___ Permitting burdens
✓ Technical limitations
✓ Not economically feasible
✓ Other, explain: PRODUCT QUALITY MIGHT DECLINE

II. ON-SITE WASTE MANAGEMENT STATUS

YES (NO) Waste is managed on-site in RCRA permitted units and is being reported on a Facility Annual Report.

YES (NO) Waste was treated, recycled, or disposed on-site in units exempt from RCRA permitting requirements. (This includes discharges under NPDES permits, direct discharges to a POTW, on-site treatment and discharge to municipal treatment works, on-site recycling, burning in industrial boilers and furnaces for energy recovery.)

If "yes" the waste type (from page 6 of the instructions) is __ __.

The amount of waste so managed during the report year was _____tons.

If a second waste type is so managed, the waste type is __ __ and the amount managed was _____tons.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1989 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

GENERATOR USEPA I.D. NUMBER IL ILD0005130000

GENERATOR IEPA I.D. NUMBER 0438030002

COMMENTS:

THE DOWNERS GROVE DIVISION OF J.L. CLARK HAS EXPERIENCED A DECREASE IN WASTE STREAM VOLUME DURING THE 1989 YEAR. THIS IS DUE TO A DECREASE IN PRODUCTION VOLUME. OUR WASTE STREAM CONSISTS OF WASTE SOLVENTS AND PAINT RELATED MATERIALS.

THE WASTE SOLVENTS AND PAINT MATERIALS ARE FRACTIONATED WITH A 60% YIELD BEING SOLD BY OUR WASTE FACILITY TO EITHER US, OR TO OTHER SOLVENT USERS. THE REMAINING 40% BALANCE INCLUDING THE STILL BOTTOMS ARE BLENDED INTO SECONDARY FUEL. NO STILL BOTTOMS ARE USED IN LAND FILL.

THE SOLVENT WASTE WAS DOWN FROM 2145 GALLONS IN 1988 TO 1210 GALLONS IN 1989. THIS WAS DUE TO DECREASED BUSINESS LEVELS. EFFORTS ARE UNDER WAY TO REDUCE ADDITIVES USED IN OUR COATINGS AND INTERNAL LININGS WHICH WILL REDUCE THE AMOUNTS OF ADDED SOLVENTS INTO PAINT MATERIALS AND LININGS.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1989 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

For Agency use | LPHWC (1–5) | CARD 60 (6–7) | TRANS A (8) | 022890 (9–14)

GENERATOR USEPA I.D. NUMBER: ILD000515130000 (18–29)

GENERATOR IEPA I.D. NUMBER: 0438030002 (30–39)

LIST OF TRANSPORTATION SERVICES (HAULERS) USED: *List each hauler only once regardless of the number of individual waste shipments.*

LINE NO. (63–64)	TRANSPORTER NAME/ ADDRESS	TRANSPORTER USEPA I.D. NO. (95–106)	TRANSPORTER'S ILLINOIS EPA I.D. NUMBER (107–110)
01	AVGANIC IND. INC. 114 N. MAIN ST. COTTAGE GROVE, WI 53527	WID008088244	2066
02	INDIANHEAD TRUCK LINE 1947 W. COUNTY ROAD C. ST. PAUL, MN 55113	MND006963318	1348
03			
04			
05			
06			
07			
08			
09			
10			

Page 0004 (15–17)

J.L.CLARK
a member of the CLARCOR packaging products group

June 12, 1989

Mr. Eugene Theios
Manager, Administrative Compliance Unit
Compliance Section
Division of Land Pollution Control
Illinois Environmental Protection Agency
P.O. Box 19276
Springfield, Illinois 62794-9276

Certified Mail
P 945 779 207

Dear Mr. Theios:

On June 8th, we spoke with you concerning your letter of May 31, 1989 to our Atlas Tube Division in Downers Grove, Illinois. Your letter notified us of a pre-enforcement conference concerning our alleged non-compliance for not filing our 1988 Annual Hazardous Waste Report.

Enclosed are copies of your letter of March 29, 1989 and our reply to Ms. Dana Curtiss of March 31, 1989. We advised that we had properly filed our report on February 28, 1989 and had a certified receipt indicating delivery to the Agency. Ms. Curtiss was advised that your records incorrectly referenced the wrong USEPA identification number ILD051300000 rather than our actual ILD005130000. We were assured that our report was indeed on file and that your records would be corrected.

On June 8th, we spoke to Dana Curtiss, who again confirmed that our report was on file at the Agency. We have asked that she confirm this to us in writing.

We trust that this satisfies the Agency's request and there is no need for the scheduled pre-enforcement conference. We further trust that the Agency will correct this discrepancy to avoid any future notifications and legal actions. Should there be any further questions, please contact myself.

Sincerely,

Gordon E. VerWeyst

Gordon E. VerWeyst
Director-Production Engineering

GEV:tkb

cc: Don Gimbel
Harry Chappel
Dana Curtiss
Cliff Gould

bcc: Dick Anderson
Ron Moreau
Jim Klotz

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125

815/962-8861
FAX: 815/962-6356

J. 2300 P.O. BOX ROCKFORD

Illinois Environmental Protection Agency · P.O. Box 19276, Springfield, IL 62794-9276

217/782-6761

Refer to: 0438030002 - DuPage County
Atlas Tube Co.
ILD005130000
Compliance File

RECEIVED
CLARCOR
ROCKFORD, ILL.
JUN 15 8 26 AM '89

June 9, 1989

J.L. Clark Co.
ATTN: Gorden Verweyst
2300 6th Street
P.O. Box 7000
Rockford, Illinois 61125

Dear Mr. Verweyst:

This letter is to notify you that the Agency is in receipt of your 1988 Generator Annual Hazardous Waste Report. Previous correspondence regarding the delinquency of your report should be disregarded.

If you have any further questions, please contact Dana Curtiss at 217/782-6761.

Sincerely,

Eugene P. Theios

Eugene P. Theios, Manager
Administrative Compliance Unit
Complaince Section
Division of Land Pollution Control

EPT:DC:dh/0

cc: Division File
Maywood Region

J.L.CLARK
a member of the CLARCOR packaging products group

Date: June 6, 1989

To: Jim Klotz

By: Richard Anderson

Copies To: Ron Moreau, Gordon VerWeyst
Dean Dodson

Reference: J. L. Clark - Atlas

Subject: Ill EPA

F162

Attached is the letter from the Illinois EPA indicating that they are proceeding with legal action since we did not file the annual hazardous waste report on March 1, 1989. This is the second notification. After the first notification, you contacted Springfield and found that there was an error in their records, which listed this source under two different numbers. Supposedly, the Illinois EPA corrected their record's.

Apparently, they have not corrected their record's and they are moving toward legal action. In our telephone conversation, you indicated that you will contact the Illinois EPA and resolve the problem. Hopefully, you can have them write to us indicating that they have corrected their records so that we have something in writing from them that the problem is resolved.

Illinois Environmental Protection Agency · P. O. Box 19276, Springfield, IL 62794-9276

217/782-6761

Refer to: 0438030002 -- DuPage County
Atlas Tube Co.
ILD051300000

PRE-ENFORCEMENT CONFERENCE LETTER

Certified # P131207239

May 31, 1989

Atlas Tube Co.
Attn: General Manager
2300 Wisconsin Avenue
Downers Grove, Illinois 60515

Dear Sir:

The Agency has previously informed you of apparent violations and non-compliance with the Illinois Environmental Protection Act and the Rules and Regulations adopted thereunder by Certified Mail. These apparent violations are listed below:

Pursuant to 35 Ill. Adm. Code 722.141(a), a generator who ships any hazardous waste off-site to a treatment, storage or disposal facility within the United States shall prepare and submit a single copy of an annual report to the Agency by March 1 for the preceding calendar year. The annual report must be submitted on a form supplied by the Agency.

To date, we have had no response.

As a result of these apparent violations, it is our intent to refer this matter to the Agency's legal staff for the preparation of a formal enforcement case. The Agency's legal staff will, in turn, refer this matter to the Attorney General's Office or to the United States Environmental Protection Agency for the filing of a formal complaint.

Prior to taking such action, however, you are requested to attend a Pre-Enforcement Conference to be held at our Springfield offices. The purpose of this Conference will be:

1. To discuss the validity of the apparent violations noted by Agency staff, and

2. To arrive at a program to eliminate existing and/or future violations.

You should, therefore, confirm your attendance by phone call within 7 days of receiving the letter and bring such personnel and records to the Conference as will enable a complete discussion of the above items. We have scheduled the Conference for June 20, at 10:00 a.m. If this arrangement is inconvenient, please arrange for an alternative date and time.

Enclosed you will find copies of our Annual Hazardous Waste Report booklets containing instructions and forms for generators.

In addition, please be advised that this letter constitutes the notice required by Section 31(d) of the Illinois Environmental Protection Act prior to the filing of a formal complaint. The cited Section of the Illinois Environmental Protection Act requires the Agency to inform you of the charges which are to be alleged and offer you the opportunity to meet with appropriate officials within thirty days of this notice date in an effort to resolve such conflict which could lead to the filing of a formal action.

Sincerely,

Eugene P. Theios

Eugene P. Theios, Manager
Administrative Compliance Unit
Compliance Section
Division of Land Pollution Control

EPT:DGC:rdl960k/19-20

Attachment

cc: Division File
Maywood Region
Don Gimbel, Regional Attorney
Dana Curtiss
Harry Chappel

J.L.CLARK
a member of the CLARCOR packaging products group

March 31, 1989

Ms. Dana Curtiss
Compliance Section
Division of Land Pollution Control
Illinois Environmental Protection Agency
2200 Churchill Road
P. O. Box 19276
Springfield, Illinois 62794-9276

--Certified Mail--
P 945 779 206

Dear Ms. Curtiss:

As we discussed March 31, 1989, we received notification from the Agency concerning filing of our 1988 Annual Hazardous Waste Report for J. L. Clark, Atlas Tube Division, 2300 Wisconsin Avenue, Downers Grove, Illinois 60515. Please be advised that this report was submitted February 28, 1989 and we received our certified receipt indicating delivery at the Agency on March 2, 1989.

There was a typographical error in the letter submitted by Eugene Theios that showed our USEPA ID# ILD051300000 instead of our actual ID# ILD005130000 and Illinois ID #0438030002. Your review of our file indicated that our 1988 report was indeed on file with the Agency

Thank you for your assistance in this matter. If you should have any further questions, please let us know.

Sincerely,

James K. Klotz
Chemist/Environ

JKK:ld

cc: Mr. Eugene
Maywood Re
bcc: Dick Anders
Gordon Ver
Ron Moreau

P 945 779 206
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)
JKK

Sent to IEPA - Land Pollution
Street and No. 2200 Churchill Road
P.O. State and ZIP Code Springfield Il 62794-9276
Postage $ 25
Certified Fee 85
Special Delivery Fee
Restricted Delivery Fee
Return Receipt showing to whom and Date Delivered 90
Return Receipt showing to whom, Date, and Address of Delivery
TOTAL Postage and Fees $2.00
Postmark or Date

PS Form 3800, June 1985

SENDER: 3 and 4. Put your addre card from bein to and the date for fees and c
1. ☐ Show t
3. Article Ad
5. Signature X
6. Signature X
7. Date of Delivery APR 4 1989

APR 04 1989

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125
815/962-8861
FAX: 815/962-6356

Illinois Environmental Protection Agency · P. O. Box 19276, Springfield, IL 62794-9276

217/782-6761

CERTIFIED # P131206616

Refer to: 0438030002 -- DuPage County
Atlas Tube Company
ILD051300000
COMPLIANCE INQUIRY LETTER

March 28, 1989

Atlas Tube Company
ATTN: General Manager
2300 Wisconsin Avenue
Downers Grove, Illinois 60515

Dear General Manager:

A review of Agency files has revealed that your company may be in apparent violation with 35 Ill. Adm. Code 722.141(a).

Pursuant to 35 Ill. Adm. Code 722.141(a), a generator who ships any hazardous waste off-site to a treatment, storage or disposal facility within the United States shall prepare and submit a single copy of an annual report to the Agency by March 1 for the preceding calendar year. The annual report must be submitted on a form supplied by the Agency, and must cover generator activities during the previous calendar year, and must include the following information:

1. The USEPA identification number, name and address of the generator;

2. The calendar year covered by the report;

3. The USEPA identification number, name and address for each off-site treatment, storage or disposal facility in the United States to which waste was shipped during the year;

4. The name and USEPA identification number of each transporter used during the reporting year for shipments to a treatment, storage or disposal facility within the United States;

5. A description, USEPA hazardous waste number (from 35 Ill. Adm. Code 721, Subpart C or D), DOT hazard class and quantity of each hazardous waste shipped off-site for shipments to a treatment, storage or disposal facility within the United States. This information must be listed by USEPA identification number of each off-site facility to which waste was shipped;

6. A description of the efforts undertaken during the year to reduce the volume and toxicity of waste generated;

7. A description of the changes in volume and toxicity of waste actually achieved during the year in comparison to previous years to the extent such information is available for years prior to 1984;

8. The certification signed by the generator or the generator's authorized representative.

You are in apparent violation of 35 Ill. Adm. Code 722.141(a) for the following reason(s): Your company's 1988 Generator Report has not been received at the Agency.

Please send an explanation and your completed Annual Report within (15) fifteen calendar days of the date of this letter.

All responses are to be mailed at the letterhead address to the attention of Dana Curtiss.

Take notice that non-compliance with the Illinois Environmental Protection Act and the Rules and Regulations of the Illinois Pollution Control Board may be the subject of the Enforcement action pursuant to Title VIII of Section 42(b)(3) "civil penalty of not to exceed $25,000 per day of violation, and Section 44(a)" it shall be a Class A misdemeanor to violate this Act..."

In addition, please be advised that this letter constitutes the notice required by Section 31(d) of the Illinois Environmental Protection Act prior to the filing of a formal complaint. The cited Section of the Illinois Environmental Protection Act requires the Agency to inform you of the charges which are to be alleged and offer you the opportunity to meet with appropriate officials within thirty days of the notice date in an effort to resolve such conflicts which could lead to the filing of a formal complaint.

For any questions concerning this letter please contact Dana Curtiss at the above number.

Sincerely,

Eugene P. Theios

Eugene P. Theios, Manager
Administrative Compliance Unit
Compliance Section
Division of Land Pollution Control

EPT:DC:jas/1214k,1-2

cc: Division File
Maywood Region

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1988 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

For Agency use |L|P|H|W|C| CARD |2|0| TRANS |A| |0|2|/|2|8|/|8|9|

GENERATOR USEPA I.D. NUMBER GENERATOR IEPA I.D. NUMBER

|I|L| ILD 005 130 000/043 80300 02

GENERATOR COMPANY N. GENERAL MANAGER
ATLAS TUBE CO

MAILING ADDRESS: 2300 WISCONSIN AVE
DOWNERS GROVE IL 60515 ZIP

LOCATION WASTE GENERATED: _____
STREET CITY ZIP

CONTACT PERSON: Richard Anderson 312-969-6100
NAME A/C PHONE

GENERATOR SIC CODE |3|4|1|1|

NON-REGULATED STATUS If your company was not regulated during 1988, circle the numeric code (1-5) that describes your non-regulated status during the entire year AND circle the code for the time period this status is expected to apply (6-8). Sign and date this form and attach comment page before mailing.

a. 1 NO HAZARDOUS WASTE SHIPPED OFF-SITE

2 SMALL QUANTITY GENERATOR (Did not generate more than 1000 kg of hazardous waste (or 1 Kg acutely hazardous waste) in any month or accumulate 6000 kg hazardous waste for more than 180 days or more than 270 days for waste transported to a facility over 200 miles away.)

3 FARMING OR OTHER OPERATIONS EXEMPT UNDER 35 Ill. Adm. Code 721.104

4 EXEMPT UNDER 35 Ill. Adm. Code 721.106

5 CLOSED (Prior to 1/1/88) and no waste was shipped off-site

b. 6 FOR 1988 ONLY, explain in comment section

7 PERMANENTLY, explain in comment section

8 OTHER, explain in comment section

REGULATED STATUS If your company does not qualify for non-regulated status it is regulated for 1988. You must complete the entire report including Page 1 (Generator Information), Page 2 (Comments), Page 3 (Waste Minimization), Page 4 (Transportation Services) and Page(s) 5, 6, 7, etc. (Facility Information).

This Agency is authorized to require this information under Illinois Revised Statutes, 1981, Chapter III-1/2, Sections 1004 and 1021(f)(2). Disclosure of this information is required. Failure to do so may result in a civil penalty up to $25,000 for each day the failure continues, a fine up to $1,000,000.00 and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

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.

Richard W. Malmgren Group Vice President Richard W. Malmgren 2/8/89

PRINT/TYPE NAME TITLE SIGNATURE DATE

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1988 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

GENERATOR USEPA I.D. NUMBER IL ILD005130000

GENERATOR IEPA I.D. NUMBER 0432000002

COMMENTS:

THE DOWNERS GROVE DIVISION OF J.L. CLARK HAS EXPERIENCED AN INCREASE IN OUR WASTE STREAM DURING THE YEAR OF 1988. THIS IS DUE TO AN INCREASE IN PRODUCTION VOLUME. OUR WASTE STREAM CONSISTS OF WASTE SOLVENTS AND PAINT RELATED MATERIALS.

THE WASTE SOLVENTS AND PAINT MATERIALS ARE FRACTIONATED WITH A 60% YIELD BEING SOLD BY OUR SUPPLIERS TO EITHER US, OR TO OTHER SOLVENT USERS. THE REMAINING BALANCE OF 40% INCLUDING THE STILL BOTTOMS, ARE BLENDED AND USED AS A SECONDARY FUEL. NO STILL BOTTOMS ARE USED IN LAND FILL.

THE SOLVENT WASTE VOLUME WAS UP FROM 1805 GALLONS IN 1987 TO 2145 GALLONS IN 1988. THIS WAS DUE TO INCREASED BUSINESS LEVELS. EFFORTS ARE UNDER WAY TO REDUCE THE ADDITIVES USED IN OUR COATINGS AND INTERNAL LININGS WHICH WILL REDUCE THE AMOUNT OF ADDED SOLVENTS AND PAINT MATERIALS.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1988 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

GENERATOR USEPA I.D. NUMBER: ILD005130000

GENERATOR IEPA I.D: 0438000002

WASTE MINIMIZATION:

a. Efforts taken to implement waste minimization include: (Indicate all that apply)

YES (NO) Did you create or expand a source reduction or recycling program in 1988?

YES (NO) Do you have a written policy outlining goals, objectives, and methods for source reduction?

YES (NO) Do you have an employee training program or provide incentives to identify and implement source reduction and recycling opportunities and activities?

YES (NO) Did you conduct a source reduction and/or recycling opportunity assessment or audit in 1988?

(YES) NO Have you requested or received technical information from the Illinois Environ mental Agency on source reduction and/or recycling practices?

(YES) NO Would you be interested in having technical information sent to you?

Due to waste minimization, what percent reduction was achieved (over that which was achieved in 1987) in 1988? _____*_____% see page 2

b. What factors have delayed or prevented implementation of source reduction and/or recycling of your wastes? (Check all that apply)

[ ] 1. Insufficient capital to install new equipment or to implement new practices.

[✓] 2. Lack of technical information on source reduction and/or recycling techniques.

[✓] 3. Source reduction and/or recycling is not economically feasible.

[✓] 4. Product quality might decline as a result of either source reduction and/or recycling.

[ ] 5. Technical limitations.

[ ] 6. Permitting burdens.

[ ] 7. Unable to identify a market for recyclable materials.

[ ] 8. Other, explain: _____

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1988 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

For Agency use LPHWC (1–5) CARD 60 (6–7) TRANS A (8) 02/28/89 (9–14)

GENERATOR USEPA I.D. NUMBER: ILD005130000 (18–29)

GENERATOR IEPA I.D. NUMBER: 0438000002 (30–39)

LIST OF TRANSPORTATION SERVICES (HAULERS) USED: *List each hauler only once regardless of the number of individual waste shipments.*

LINE NO. (61–64)	TRANSPORTER NAME/ ADDRESS	TRANSPORTER USEPA I.D. NO. (95–106)	TRANSPORTER'S ILLINOIS EPA I.D. NO. (107–110)
0001	AVGANIC IND. INC. 114 N. MAIN ST. COTTAGE GROVE, WI 53527	WID000008024	2066
0002	INDIAN HEAD TRUCK LINE 1947 W. COUNTY ROAD C. ST. PAUL MN 55113	MND006931118	1348

DETACH HERE

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1988 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

FOR AGENCY USE LPHWC (1–5) CARD 50 (6–7) TRANS A (8) 02/28/89 (9–14)

GENERATOR USEPA I.D. NUMBER: 1LD005130000 (18–29)

GENERATOR IEPA I.D. NUMBER: 0438000002 (30–39)

Complete one of these pages for each Facility utilized during the year. All facilities in or out of state receiving hazardous waste generated in Illinois have a USEPA and a IEPA I.D. Number. Obtain this information from the facility or from your manifest.

FACILITY USEPA I.D NUMBER: WID008882 4 (41–52)

FACILITY IEPA I.D. NUMBER: 955025001 (53–62)

FACILITY NAME: Avganic Industries, Inc.

A/C PHONE: (608 257-1414

ADDRESS: 114 North Main Street,

CITY: Cottage Grove

STATE: Wisconsin

ZIP: 53527

LINE NO. (63–66)	DESCRIPTION OF WASTE / MEDIUM (67–68)	USDOT CODE	RCRA HAZARDOUS WASTE CODE (69–80, 81–84)	AMOUNT (gals. only) (85–93)	DENSITY (lbs./gal) (94–96)	Frequency Generated
0001	Waste Paint Related Material Flammable Liquid UN 1263 Soil Solid (Liquid) Lab Pack Sludge		D001	2145	06.5	One-Time Recurre
0002	Soil Solid Liquid Lab Pack Sludge				.	One-Tim Recurre
0003	Soil Solid Liquid Lab Pack Sludge				.	One-Tim Recurre
0004	Soil Solid Liquid Lab Pack Sludge				.	One-Tim Recurre
0005	Soil Solid Liquid Lab Pack Sludge				.	One-Tim Recurre
0006	Soil Solid Liquid Lab Pack Sludge				.	One-Tim Recurre
0007	Soil Solid Liquid Lab Pack Sludge				.	One-Tim Recurre
0008	Soil Solid Liquid Lab Pack Sludge				.	One-Tim Recurre

J.L.CLARK
a member of the CLARCOR packaging products group

DATE: February 20, 1989

TO: GORDON VERWEYST

FROM: BILL PRUYNE

REFERENCE: ATLAS TUBE

SUBJECT: ATLAS TUBE 1988 EPA REPORT

I HAVE FINISHED THE 1988 EPA REPORT FOR THE ATLAS TUBE DIVISION. I HAVE NOT INCLUDED ANY SHIPMENTS OF WASTE OIL AS WE HAVE DETERMINED THAT THE OIL IS CLASSIFIED AS NON-HAZARDOUS.

I HAVE SENT THE REPORT TO YOU SO THAT IT MAY BE SIGNED PENDING YOUR APPROVAL. PLEASE SEND BACK A COPY OF THE SIGNED REPORT WHEN IT IS AVAILABLE.

THANK YOU.

- Additions to pg 1
- Corrected pg 5

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1988 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

FOR AGENCY USE LPHWC (1–5) CARD 50 (6–7) TRANS A (8) 02/28/89 (9–14)

GENERATOR USEPA I.D. NUMBER: 1LD005130000 (18–29)

GENERATOR IEPA I.D. NUMBER: 0438000002 (30–39)

Complete one of these pages for each Facility utilized during the year. All facilities in or out of state receiving hazardous waste generated in Illinois have a USEPA and a IEPA I.D. Number. Obtain this information from the facility or from your manifest.

FACILITY USEPA I.D NUMBER: WID008088214 (41–52)

FACILITY IEPA I.D. NUMBER: 027811 (53–62)

FACILITY NAME: AVGANIC INDUSTRIES, INC.

A/C PHONE: (608) 257-1414

ADDRESS: 114 N. MAIN STREET

CITY: COTTAGE GROVE

STATE: WISCONSIN

ZIP: 53527

LINE NO. (63–66)	DESCRIPTION OF WASTE / MEDIUM	USDOT CODE (67–68)	RCRA HAZARDOUS WASTE CODE (69–72)	RCRA HAZARDOUS WASTE CODE (73–76)	RCRA HAZARDOUS WASTE CODE (77–80)	RCRA HAZARDOUS WASTE CODE (81–84)	AMOUNT (gals. only) (85–93)	DENSITY (lbs./gal) (94–96)	Frequency Generated
0001	SOLVENT-FLAMMABLE LIQUID UN1263	08	F003				275	6.5	One-Time
	Soil Solid Liquid Lab Pack Sludge								Recurrent
0002	SOLVENT-FLAMMABLE LIQUID UN1263	08	F003				385	6.5	One-Time
	Soil Solid Liquid Lab Pack Sludge								Recurrent
0003	SOLVENT-FLAMMABLE LIQUID UN1263	08	F003				275	6.5	One-Time
	Soil Solid Liquid Lab Pack Sludge								Recurrent
0004	SOLVENT-FLAMMABLE LIQUID UN1263	08	F003				275	6.5	One-Time
	Soil Solid Liquid Lab Pack Sludge								Recurrent
0005	SOLVENT-FLAMMABLE LIQUID UN1263	08	F003				330	6.5	One-Time
	Soil Solid Liquid Lab Pack Sludge								Recurrent
0006	SOLVENT-FLAMMABLE LIQUID UN1263	08	F003				330	6.5	One-Time
	Soil Solid Liquid Lab Pack Sludge								Recurrent
0007	SOLVENT-FLAMMABLE LIQUID UN1263	08	F003				275	6.5	One-Time
	Soil Solid Liquid Lab Pack Sludge								Recurrent
0008								.	One-Time
	Soil Solid Liquid Lab Pack Sludge								Recurrent

Page ___ (15–17)

J.L.CLARK
a member of the CLARCOR consumer products group

February 26, 1994

CERTIFIED MAIL
P 406 114 820

Mr. Oran Robinson
Illinois Emergency Management Agency
110 East Adams Street
Springfield, IL 62706

Dear Mr. Robinson:

In accordance with the requirements of Section 312 of the Title III Amendments of the Superfund Amendments and Reauthorization Act, we are required to notify your agency of any hazardous chemicals on-site in excess of 10,000 pounds. We have no extremely hazardous chemicals present at our facility in excess of the prescribed threshold levels. Enclosed please find our completed Tier Two forms for J. L. Clark - Tube Division.

We are also enclosing copies of the Material Safety Data Sheets for the following materials:

379 W78 White Coating
220-W27-1024 White Coating

These items are new to this year's Tier Two.

Please note under the physical and health hazards, that our supplier Material Safety Data Sheets do not all list these hazards per these categories. We have reviewed the MSDS for these products and provided our best judgement of which categories are applicable. Should you have any questions with this submission, please contact me at (815) 961-5686.

Sincerely,

James K. Klotz, CHMM
Environmental Engineer

/jds

Attachments

BCC: J. Benton
G. Gann
D. VanWright

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125
815/962-8861
FAX: 815/962-0417

J.L. CLARK
a member of the CLARCOR consumer products group

February 26, 1994

CERTIFIED MAIL
P 406 114 821

Dupage County Emergency Planning Committee
136 North County Farm Road
Wheaton, IL 60187

Gentlemen:

In accordance with the requirements of Section 312 of the Title III Amendments of the Superfund Amendments and Reauthorization Act, we are required to notify your agency of any hazardous chemicals on-site in excess of 10,000 pounds. We have no extremely hazardous chemicals present at our facility in excess of the prescribed threshold levels. Enclosed please find our completed Tier Two forms for J. L. Clark - Tube Division.

We are also enclosing copies of the Material Safety Data Sheets for the following materials:

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Sincerely,

James K. Klotz, CHMM
Environmental Engineer

/jds

Attachments

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125
815/962-8861
FAX: 815/962-0417

J.L.CLARK
a member of the CLARCOR consumer products group

February 26, 1994

CERTIFIED MAIL
P 406 114 823

Downers Grove Fire Department
3900 Highland Avenue
Downers Grove, IL 60515

Gentlemen:

In accordance with the requirements of Section 312 of the Title III Amendments of the Superfund Amendments and Reauthorization Act, we are required to notify your agency of any hazardous chemicals on-site in excess of 10,000 pounds. We have no extremely hazardous chemicals present at our facility in excess of the prescribed threshold levels. Enclosed please find our completed Tier Two forms for J. L. Clark - Tube Division.

We are also enclosing copies of the Material Safety Data Sheets for the following materials:

379 W78 White Coating
220-W27-1024 White Coating

These items are new to this year's Tier Two.

Please note under the physical and health hazards, that our supplier Material Safety Data Sheets do not all list these hazards per these categories. We have reviewed the MSDS for these products and provided our best judgement of which categories are applicable. Should you have any questions with this submission, please contact me at (815) 961-5686.

Sincerely,

James K. Klotz, CHMM
Environmental Engineer

/jds

Attachments

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125

815/962-8861
FAX: 815/962-0417

Form Approved OMB No. 2050-0072

Tier Two

EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: J. L. Clark - Tube Division
Street: 2300 Wisconsin Avenue
City: Downers Grove County: DuPage State: IL Zip: 60515

SIC Code: 3499 Dun & Bradstreet Number: 00-513-0000

FOR OFFICIAL USE ONLY — ID #: ____ Date Received: ____

Owner/Operator Name

Name: CLARCOR, Inc. Phone: (815) 962-8867
Mail Address: 2323 Sixth St., P.O. Box 7007, Rockford, IL 61125

Emergency Contact

Name: Alwin Moore Title: Plant Operations Mgr
Phone: (708) 969-6100 24 Hr. Phone: (708) 879-0093

Name: James K. Klotz Title: Environmental Eng.
Phone: (815) 961-5686 24 Hr. Phone: (815) 885-9026

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 1993

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential)	Optional
CAS: 7429905 Trade Secret: ☐ Chem. Name: Aluminum Check all that apply: Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS ☐ EHS Name:	Fire ☐ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) ☒ Delayed (chronic) ☐	Max. Daily Amount (code): 05 Avg. Daily Amount (code): 04 No. of Days On-site (days): 365	Container Type: K, Pressure: 4, Temperature: 1 Storage Locations: Slug Storage Room	☒
CAS: Trade Secret: ☐ Chem. Name: Sherwin Williams G72-WC-18 Check all that apply: Pure ☐ Mix ☒ Solid ☐ Liquid ☒ Gas ☐ EHS ☐ EHS Name:	Fire ☒ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) ☒ Delayed (chronic) ☒	Max. Daily Amount (code): 03 Avg. Daily Amount (code): 02 No. of Days On-site (days): 365	Container Type: D, Pressure: 4, Temperature: 1 Storage Locations: Chemical Storage Locker	☐
CAS: Trade Secret: ☐ Chem. Name: 660 Solvent Check all that apply: Pure ☐ Mix ☒ Solid ☐ Liquid ☒ Gas ☐ EHS ☐ EHS Name:	Fire ☒ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) ☒ Delayed (chronic) ☒	Max. Daily Amount (code): 03 Avg. Daily Amount (code): 03 No. of Days On-site (days): 365	Container Type: D, Pressure: 4, Temperature: 1 Storage Locations: Chemical Storage Locker	☒

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 2, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Gordon E. VerWeyst Vice President-Technology — Gordon E. VerWeyst — 2/28/94

Name and official title of owner/operator OR owner/operator's authorized representative

Optional Attachments

☐ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations

Tier Two
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: J. L. Clark - Tube Division
Street: 2300 Wisconsin Avenue
City: Downers Grove County: DuPage State: IL Zip: 60515

SIC Code: 3499 Dun & Bradstreet Number: 00-513-0000

FOR OFFICIAL USE ONLY — ID #: ____ Date Received: ____

Owner/Operator Name

Name: CLARCOR, Inc. Phone: (815) 962-8867
Mail Address: 2323 Sixth St., P.O. Box 7007, Rockford, IL 61125

Emergency Contact

Name: Alwin Moore Title: Plant Operations Mgr
Phone: (708) 969-6100 24 Hr. Phone: (708) 879-0093

Name: James K. Klotz Title: Environmental Eng.
Phone: (815) 961-5686 24 Hr. Phone: (815) 885-9026

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 1993

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (check all that apply)	Inventory	Container Type / Pressure / Temperature	Storage Codes and Locations (Non-Confidential) Storage Locations	Optional
CAS: ____ Trade Secret: ☐ Chem. Name: H-23 Internal Lining Check all that apply: Pure ☐ Mix ☒ Solid ☐ Liquid ☒ Gas ☐ EHS ☐ EHS Name:	Fire: X Sudden Release of Pressure: ☐ Reactivity: ☐ Immediate (acute): X Delayed (chronic): X	Max. Daily Amount (code): 03 Avg. Daily Amount (code): 03 No. of Days On-site (days): 365	D 4 1	Chemical Storage Locker	X
CAS: ____ Trade Secret: ☐ Chem. Name: 379W78 White Coating Check all that apply: Pure ☐ Mix ☒ Solid ☐ Liquid ☒ Gas ☐ EHS ☐ EHS Name:	Fire: X Sudden Release of Pressure: ☐ Reactivity: ☐ Immediate (acute): X Delayed (chronic): X	Max. Daily Amount (code): 03 Avg. Daily Amount (code): 03 No. of Days On-site (days): 304	D 4 1	Chemical Storage Locker	☐
CAS: ____ Trade Secret: ☐ Chem. Name: 220-W27-1024 White Check all that apply: Pure ☐ Mix ☒ Solid ☐ Liquid ☒ Gas ☐ EHS ☐ EHS Name:	Fire: X Sudden Release of Pressure: ☐ Reactivity: ☐ Immediate (acute): X Delayed (chronic): X	Max. Daily Amount (code): 03 Avg. Daily Amount (code): 03 No. of Days On-site (days): 296	D 4 1	Chemical Storage Locker	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 2, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Gordon E. VerWeyst Vice President-Technology — Gordon E. VerWeyst — 2/28/94

Name and official title of owner/operator OR owner/operator's authorized representative

Optional Attachments

☐ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations

M A T E R I A L S A F E T Y D A T A S H E E T
FOR COATINGS, RESINS, AND RELATED MATERIALS

"ESSENTIALLY SIMILAR" TO FORM OSHA-174

PRINT DATE: 1/22/93
EFFECTIVE DATE: 1/22/93
MANUFACTURER'S CODE IDENTIFICATION: 379W78 33921006-01

* SECTION I *

MANUFACTURER'S NAME: NORTH BRUNSWICK FACILITY
MORTON INTERNATIONAL
1470 JERSEY AVE
NORTH BRUNSWICK, NJ 08902

CHEMTREC EMERGENCY TELEPHONE NUMBER: 1-800-424-9300
ADDITIONAL INFORMATION TELEPHONE NUMBER: (908) 545-9601
PREPARED BY: PRODUCT SAFETY GROUP

PRODUCT FAMILY: MISCELLANEOUS PAINT PRODUCTS
TRADE NAME: H/S FLEX WHITE POLYESTER CUSTOMER: J L CLARK MFG CO
APPEARANCE & ODOR: OPAQUE LIQUID WITH AROMATIC SOLVENT ODOR

* SECTION II - HAZARDOUS INGREDIENTS *

INGRED. NO.	CHEMICAL NAME (SEC V FOR COMPLETE NAME)	CAS NUMBER	PCT. BY WT.
1	EGMPE	763-69-9	< 5
2	NAPHTHA, HEAVY AROMATIC	64742-94-5	5
3	BENZENE, 1,2,4-TRIMETHYL	95-63-6	< 5
4	AROMATICS (C8-C10)	64742-95-6	< 5
5	TRIMETHYL BENZENE	25551-13-7	5
6	TITANIUM DIOXIDE	13463-67-7	30
7	ALUMINUM HYDROXIDE	21645-51-2	5
8	AMORPHOUS SILICA GEL	112945-52-5	5
9	DBE		5
10	EPOXY RESIN	25036-38-6	< 5
11	EGMBE	111-76-2	< 5
12	CYCLOHEXANONE	108-94-1	5

INGRED. NO.	EXPOSURE LIMITS OSHA PEL	EXPOSURE LIMITS ACGIH TLV	EXPOSURE LIMITS OTHER	CARCINOGEN LISTS OSHA	IARC	NTP	ACGIH
1	NONE	NONE	SKIN=50PPM/SUPPLI	N	N	N	N
2	400 PPM	NONE	NONE	N	N	N	N
3	NONE	NONE	NONE	N	Y	Y	N
4	NONE	NONE	NONE	N	N	N	N
5	25 PPM	25 PPM	PLUS SEE SEC V	N	N	N	N
6	10.00 MG/M3	10.00 MG/M3	TOTAL DUST	N	N	N	N
7	NONE	NONE	NONE	N	N	N	N
8	6.00 MG/M3	10.00 MG/M3	DUST-PLUS SEE SEC	N	N	N	N
9	NONE	NONE		N	N	N	N
10	NONE	NONE	NONE	N	N	N	N
11	25 PPM	25 PPM	SKIN	N	N	N	N
12	25 PPM	25 PPM	SKIN	N	N	N	N

SECTION III - PHYSICAL DATA

VAPOR DENSITY: HEAVIER THAN AIR
EVAP RATE: SLOWER THAN ETHER
BOILING RANGE: NOT ESTABLISHED.

WPG: 12.53 LBS/GAL
% VOLATILE (VOL): 36.88
VAPOR PRESSURE: NOT ESTABLISHED

ROUTE OF ENTRY:
INHALATION: |X| INGESTION: |X| SKIN/EYE: |X|

* SECTION IV - FIRE AND EXPLOSION INFORMATION *

FLASHPOINT: 085 DEGREES F, SETA LEL: NOT ESTABLISHED.
FLAMMABILITY CLASSIFICATION: FLAMMABLE LIQUID - CLASS IC

EXTINGUISHING MEDIA:
SMALL FIRES: USE FOAM, CARBON DIOXIDE, DRY CHEMICAL, OR WATER SPRAY.
LARGE FIRES: USE FOAM, WATER SPRAY, OR FOG.
'ALCOHOL' FOAM FOR POLAR SOLVENTS.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
VAPORS MAY BE HEAVIER THAN AIR AND MAY TRAVEL CONSIDERABLE DISTANCES FROM THE MATERIAL HANDLING POINT. VAPORS CAN BE IGNITED BY A SPARK, FLAME, CIGARETTE, ELECTRIC MOTOR, STATIC DISCHARGE, ENGINE, PILOT LIGHT, HOT SURFACE, OR OTHER IGNITION SOURCE.

SPECIAL FIREFIGHTING PROCEDURES:
FULL PROTECTIVE EQUIPMENT, INCLUDING SELF-CONTAINED BREATHING APPARATUS, I RECOMMENDED. WATER FROM FOG NOZZLES MAY BE USED TO COOL CLOSED CONTAINER TO PREVENT PRESSURE BUILDUP.

* SECTION V - FIRST AID INFORMATION *

INGESTION:
GASTRO-INTESTINAL DISTRESS.
IN THE UNLIKELY EVENT OF INGESTION, CALL A PHYSICIAN IMMEDIATELY AND HAVE NAMES OF INGREDIENTS AVAILABLE.

SKIN:
IMMEDIATELY FLUSH AFFECTED AREA WITH WATER FOR AT LEAST 15 MINUTES. FOR LARGE EXPOSURES, USE AN EMERGENCY SHOWER. REMOVE CONTAMINATED CLOTHING AND SHOES. CLEANSE SKIN WITH SOAP AND WATER, INCLUDING HAIR AND UNDER FINGER NAILS. GET IMMEDIATE MEDICAL ATTENTION. WASH CONTAMINATED CLOTHING SEPARATELY BEFORE REUSE.

EYE:
IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES; CALL A PHYSICIAN. IF IRRITATION OCCURS, CONTACT A PHYSICIAN.

INHALATION:
IF AFFECTED BY INHALATION OF VAPOR OR SPRAY MIST, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH TO MOUTH. IF BREATHING DIFFICULTY PERSISTS, OR OCCURS LATER, CONSULT A PHYSICIAN.

* ROUTE OF ENTRY, SYMPTOMS, ACUTE AND CHRONIC EFFECTS OF EXPOSURE *

INGESTION:
GASTRO-INTESTINAL DISTRESS.

SKIN:
REPEATED OR PROLONGED LIQUID CONTACT MAY CAUSE SKIN IRRITATION WITH DISCOMFORT AND DERMATITIS. MAY ALSO CAUSE ALLERGIC SKIN REACTIONS.
CAN BE ABSORBED THROUGH THE SKIN IN HARMFUL AMOUNTS.

EYE:
CAUSES SEVERE EYE IRRITATION. LIQUID SPLASHES IN THE EYE MAY RESULT IN CHEMICAL BURNS.
MAY CAUSE EYE IRRITATION WITH DISCOMFORT, TEARING OR BLURRED VISION.

INHALATION:
MAY CAUSE NOSE AND THROAT IRRITATION. MAY CAUSE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY THE FOLLOWING PROGRESSIVE STEPS: HEADACHE, DIZZINESS, NAUSEA, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS.

N E TO PHYSICIAN: TREATMENT SHOULD DIRECTED AT PREVENTING ABSORPTION, ADMINISTERING TO THE SYMPTOMS AS THEY OCCUR, AND PROVIDIN SUPPORTIVE THERAPY.

CHRONIC EFFECTS OF EXPOSURE:

EGMPE=EHTYLENE GLYCOL MONO PROPYL ETHER = ETHYL 3-ETHOXY PROPIONATE - MAY CAUSE INJURY TO THE KIDNEYS, AND LIVER. REPEATED OVER EXPOSURE MAY RESULT IN DAMAGE TO THE BLOOD. EYE CONTACT MAY CAUSE CORNEAL INJURY.

TITANIUM DIOXIDE - NO KNOWN HAZARD WITH NORMAL INDUSTRIAL USE. IN A LIFE-TIME INHALATION TEST, LUNG CANCERS WERE FOUND IN SOME RATS EXPOSED TO 250 MG/M3 RESPIRABLE TITANIUM DUST. ANALYSIS OF THE TITANIUM DIOXIDE CON-CENTRATIONS IN THE RAT'S LUNGS SHOWED THAT THE LUNG CLEARANCE MECHANISM W OVERWHELMED AND THAT THE RESULTS AT THE MASSIVE 250 MG/M3 LEVEL ARE NOT RELEVANT TO THE WORKPLACE.

AMORPHOUS SILICA GEL - MILD SKIN IRRITANT AND A MILD EYE IRRITANT IN ANIMALS.

DIMETHYL GLUTERATE - HIGH AIRBORNE LEVELS IN RATS HAVE SHOWN MILD INJURY TO THE OLFACTORY REGION OF THE NOSE.

EGMBE= ETHYLENE GLYCOL-MONO BUTYL ETHER. CAN BE ABSORBED THROUGH THE SKI 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.

CYCLOHEXANONE - RECURRENT OVEREXPOSURE MAY RESULT IN LIVER AND KIDNEY INJURY.
MAY CAUSE IRRITATION OF THE MUCOUS MEMBRANES.

* SECTION VI - REACTIVITY DATA *

STABILITY: STABLE

INCOMPATIBILITY - MATERIALS TO AVOID:
STRONG OXIDIZING AGENTS.
HYDROFLUORIC ACID.
HAZARDOUS DECOMPOSITION PRODUCTS:
MAY LIBERATE SMOKE, SOOT, AND TOXIC FUMES (CARBON MONOXIDE AND CARBON DIOXIDE).
HAZARDOUS POLYMERIZATION WILL NOT OCCUR
CONDITIONS TO AVOID:
HEAT, SPARKS, AND OPEN FLAME.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
STOP DISCHARGE, IF IT CAN BE PERFORMED SAFELY, AND CONTAIN MATERIAL. IF SUBSTANTIAL QUANTITY IS SPILLED, RECOVER WITH PUMP OR VACUUM TRUCK. EXPLOSION PROOF EQUIPMENT SHOULD BE USED IF THIS PRODUCT IS FLAMMABLE OR COMBUSTIBLE (S SEC IV). OTHERWISE, USE A SYNTHETIC ABSORBENT. PLACE CONTAMINATED MATERIAL IN SUITABLE CONTAINER FOR DISPOSAL. APPROPRIATE SAFETY MEASURES AND PROTECTIVE EQUIPMENT SHOULD BE USED (SEE SEC VIII).
DO NOT FLUSH TO SEWER, STREAM, OR OTHER BODIES OF WATER. COMPLY WITH ALL APPLICABLE GOVERNMENTAL REGULATIONS ON SPILL REPORTING.
WASTE DISPOSAL METHOD:
DISPOSE OF WASTE IN ACCORDANCE LOCAL, STATE, AND FEDERAL REGULATIONS. OF THE METHODS OF DISPOSAL CURRENTLY AVAILABLE, IT IS RECOMMENDED THAT AN ALTERNATIVE BE SELECTED ACCORDING TO THE FOLLOWING ORDER OF PREFERENCE BASED ON ENVIRONMENTAL ACCEPTABILITY: (1) RECYCLE OR REWORK IF AT ALL FEASIBLE, (2) INCINERATE AT AN AUTHORIZED FACILITY, OR (3) TREAT AT AN ACCEPTABLE WASTE TMENT FACILITY.

* SECTION VIII - SPECIAL PROTECTION INFORMATION *

RESPIRATORY PROTECTION:
WHEN ESTABLISHED AIRBORNE EXPOSURE LIMITS ARE SURPASSED (SEE AIRBORNE EXPOSURE LIMITS IN THIS SECTION), WEAR NIOSH/MSHA APPROVED EQUIPMENT. DETERMI THE APPROPRIATE TYPE EQUIPMENT FOR THE SPECIFIC APPLICATION BY CONSULTING THE RESPIRATOR MANUFACTURER. OBSERVE THE RESPIRATOR USE LIMITATIONS SPECIFIED BY NIOSH/MSHA OR THE MANUFACTURER.

RESPIRATORY PROTECTION:
VENTILATION:
LOCAL EXHAUST TO MAINTAIN VAPOR CONCENTRATION BELOW THRESHOLD LIMIT VALUE.
PROTECTIVE GLOVES:
REQUIRED FOR REPEATED OF PROLONGED CONTACT.
EYE PROTECTION:
PROTECTIVE GOGGLES OR MASK REQUIRED TO PROTECT AGAINST SPLASH.

OTHER PROTECTIVE EQUIPMENT: EYE BATH RECOMMENDED.
HYGIENIC PRACTICES:
REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. DISCARD SHOES IF SATURATED.

* SECTION IX - SPECIAL PRECAUTIONS *

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN A COOL, DRY, WELL VENTILATED AREA.
DOL STORAGE CATEGORY: REFERENCE OSHA 1910.106.
REPAIR AND MAINTENANCE: DO NOT CUT, GRIND, WELD, OR DRILL NEAR THIS CONTAINER.
OTHER PRECAUTIONS:
THIS CONTAINER CAN BE HAZARDOUS WHEN EMPTY, BECAUSE IT CAN RETAIN PRODUCT RESIDUE. THEREFORE, DO NOT REUSE CONTAINER FOR FOOD, CLOTHING, OR PRODUCTS F HUMAN OR ANIMAL CONSUMPTION OR WHERE SKIN CONTACT MAY OCCUR. ALWAYS OBEY HAZ WARNINGS AND HANDLE CONTAINERS AS IF THEY WERE FULL.

M A T E R I A L S A F E T Y D A T A S H E E T
FOR COATINGS, RESINS, AND RELATED MATERIALS

"ESSENTIALLY SIMILAR" TO FORM OSHA-174

PRINT DATE: 1/22/93 PAGE:
EFFECTIVE DATE: 1/22/93
MANUFACTURER'S CODE IDENTIFICATION: 379W78 33921006-01

H.M.I.S. RATING	
HEALTH	2 *
FLAMMABILITY	3
REACTIVITY	1
P.P.I.	-

THE NATIONAL PAINT & COATINGS ASSOCIATION'S HAZARD MATERIALS IDENTIFICA SYSTEM IS INTENDED TO ESTIMATE THE INHERENT HAZARDS OF A CHEMICAL UNDER NORM WORKPLACE SITUATIONS. THE DEGREE OF EACH OF THREE HAZARDS (HEALTH/FLAMMABILI REACTIVITY) IS RATED BY A NUMERICAL DESIGNATION RANGING FROM LOW TO HIGH OF 0 TO 4. * INDICATES PRODUCT CONTAINS INGREDIENTS THAT ARE CHRONIC HEALTH HAZARDS. SEE SECTION V.

A BULLETIN SUCH AS THIS CANNOT BE EXPECTED TO COVER ALL POSSIBLE INDIVIDUAL SITUATIONS. AS THE USER HAS THE RESPONSIBILITY TO PROVIDE A SAFE WORKPLACE, ASPECTS OF AN INDIVIDUAL OPERATION SHOULD BE EXAMINED TO DETERMINE IF, OR WHERE, PRECAUTIONS - IN ADDITION TO THOSE DESCRIBED HEREIN - ARE REQUIRED. AN HEALTH HAZARD AND SAFETY INFORMATION CONTAINED HEREIN SHOULD BE PASSED ON TO YOUR CUSTOMERS OR EMPLOYEES, AS THE CASE MAY BE.

DISCLAIMER OF LIABILITY

THE INFORMATION CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEES OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGE INCURRED BY USE OF THIS MATERIAL. ALL CHEMICALS MAY PRESENT UNKNOWN HEALTH HAZARDS AND SHOULD BE USED WITH CAUTION. ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN, WE CANNOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS WHICH EXIST. FINAL DETERMINATION OF SUITABILITY OF THE CHEMICAL IS THE SOLE RESPONSIBILITY OF THE USER. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER ARE MADE WITH RESPECT TO THE INFORMATION CONTAINED HEREIN OR THE CHEMICAL TO WHICH THE INFORMATION REFERS. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

ADDITIONAL FEDERAL OR STATE REGULATORY INFORMATION

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III REQUIRI SUBMISSION OF ANNUAL REPORTS OF RELEASE OF TOXIC CHEMICALS THAT APPEAR IN 40 372 (FOR SARA 313). THIS INFORMATION MUST BE INCLUDED IN ALL MSDS(S) THAT ARI COPIED AND DISTRIBUTED FOR THIS MATERIAL. COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL WHICH COULD REQUIRE REPORTING UNDER THE STATUTE ARE:

95-63-6	BENZENE, 1,2,4-TRIMETHYL
111-76-2	EGMBE

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 198((CERCLA) REQUIRES NOTIFICATION OF THE NATIONAL RESPONSE CENTER OF RELEASE OF QUANTITIES OF HAZARDOUS SUBSTANCES EQUAL TO OR GREATER THAN THE REPORTABLE QUANTITIES (RQ) IN 40 CFR 302.4. COMPONENTS PRESENT IN THIS PRODUCT AT A LEVE WHICH COULD REQUIRE REPORTING UNDER THE STATUTE ARE:

108-94-1	CYCLOHEXANONE

THE FOLLOWING CHEMICALS ARE FOUND ON THE NEW JERSEY LIST OF CHEMICALS:

95-63-6	BENZENE, 1,2,4-TRIMETHYL
25551-13-7	TRIMETHYL BENZENE
	NJTSR#00457000-5063P
13463-67-7	TITANIUM DIOXIDE
112945-52-5	AMORPHOUS SILICA GEL
111-76-2	EGMBE
108-94-1	CYCLOHEXANONE

THE FOLLOWING CHEMICALS ARE FOUND ON THE PENNSYLVANIA LIST OF CHEMICALS:

95-63-6	BENZENE, 1,2,4-TRIMETHYL
25551-13-7	TRIMETHYL BENZENE
13463-67-7	TITANIUM DIOXIDE
111-76-2	EGMBE
108-94-1	CYCLOHEXANONE

WARNING: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM.

MATERIAL SAFETY DATA SHEET

H1IS H3 F3 R1 — Date Prepared: 02/08/93

PREPARED FOR:	PREPARED BY:
00365050 J.L. CLARK MANU.	AKZO COATINGS INC. - ZION
2300 WISCONSIN AVE.	1915 INDUSTRIAL AVENUE
	(708)872-1000 (708)872-1000
DOWNERS GROVE IL 60515	ZION IL 60099

Emergency Phone Number: (708) 872-1000
Information Number: (708) 872-1000

SECTION I - PRODUCT INFORMATION

Tradename:	Product No.	Customer Part No.
NA	220- W27-1024	

Product - Class: POLYESTER TUBE WHITE

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Ingredients	Ingredient Data		
TITANIUM DIOXIDE	% by Weight	32.5 %	
	Cas No.	013463-67-7	
	Vapor Pres.	NA	
	TLV-TWA	10.0	mg/m3
	PEL-TWA	10.0	mg/m3
AROMATIC SOLVENT	% by Weight	17.9 %	
	Cas No.	- -	
	Vapor Pres.	NA	
	TLV-TWA	100.0	ppm
	PEL-TWA	NA	
MELAMINE-FORMALDEHYDE RESIN	% by Weight	6.0 %	
	Cas No.	- -	
	Vapor Pres.	NA	
	TLV-TWA	NA	
	PEL-TWA	NA	
#NAPHTHALENE	% by Weight	1.6 %	
	Cas No.	000091-20-3	
	Vapor Pres.	< .1@ 68F	mm/Hg
	TLV-TWA	10.0	ppm
	PEL-TWA	10.0	ppm
	TLV-STEL	15.0	ppm 30 MI
	PEL-STEL	15.0	ppm 30 MI
	ORAL-LD50	1250.	mg/Kg RAT
ALUMINUM OXIDE	% by Weight	1.5 %	
	Cas No.	001344-28-1	
	Vapor Pres.	NA	
	TLV-TWA	10.0	mg/m3

	PEL-TWA	10.0	mg/m3
ALPHA-HYDROXY TOLUENE	% by Weight	1.4 %	
	Cas No.	000100-51-6	
	Vapor Pres.	1@ 86F	mm/Hg
	TLV-TWA	NA	
	PEL-TWA	NA	
	ORAL-LD50	1230.	mg/Kg RAT
	DERM-LC50	2000.	mg/Kg RABBI
	INHAL-LC50	1000.	ppm RAT-8

#This material is subject to reporting under SARA TITLE III, SECTION 313
All components in this coating have been verified as being on the TSCA Inven

SECTION III - PHYSICAL DATA

Physical state: LIQUID
Odor and appearance: NA
Odor threshold (ppm): .0380
pH: NA

Boiling Range: 275 - 410 F (135 - 210 C)

Vapor is heavier than Air.

Evaporation rate is slower than ether.
% Volatile (vol) 39.06 Lb/gal(U.S.)11.82 SpGr

VOC Data Lb/Gal(U.S.):

Less Water (EPA)	2.95	Total Organic Solvents	2
Less Water & Exempt (EPA)	2.95	Total Non-Exempt Solvents	2

SECTION IV - FIRE AND EXPLOSION HAZARDS DATA

FP: (CLOSED) 80 F (26 C) LEL .80%
Flammability Class (OSHA): FLAMMABLE LIQUID - 1C

EXTINGUISHING MEDIA: Foam, Carbon Dioxide or Dry Chemical.

UNUSUAL FIRE AND EXPLOSION HAZARDS: During emergency conditions, overexposure to decomposition products (See Section VI - Reactivity Data) may cause a health hazard; symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIREFIGHTING PROCEDURES: Water may be ineffective in fighting fire. If water is used to cool closed containers to prevent pressure build-up, fog nozzles are preferred. Full protective equipment, including self-contained breathing apparatus is needed to protect firefighters from exposure to coating's hazardous ingredients and hazardous decomposition products.

SECTION V - HEALTH HAZARD DATA AND FIRST AID PROCEDURES

EFFECTS OF OVEREXPOSURE: MAY CAUSE EYE BURNS. HARMFUL IF SWALLOWED. MAY CAUSE NOSE AND THROAT IRRITATION. MAY CAUSE DELAYED SKIN REACTIONS. CAUSES SKIN IRRITATION. MAY CAUSE LUNG INJURY. MAY AFFECT THE BRAIN (NERVOUS SYSTEM, CAUSING DIZZINESS, HEADACHE OR NAUSEA. HARMFUL IF INHALED.

Other effects of OVEREXPOSURE may include: shortness of breath, abdominal pain, unconsciousness, dehydration to skin, gastritis, drying of nasal mucosa, reduced visibility, pneumoconiosis, dermatitis, weakness, asphixia, inflammation of the mucous membranes of the nose and throat, cough, fatigue, deposits in eyes, vomiting.

PRIMARY ROUTE(S) OF ENTRY: eyes, inhalation, skin contact.

MEDICAL CONDITIONS THAT CAN BE AGGRAVATED: respiratory allergies, eye disorders, pulmonary conditions, skin disorders.

CHRONIC HEALTH HAZARDS:

Repeated OVEREXPOSURE to this product may cause: lung damage, cardiac abnormalities, kidney damage, liver abnormalities, blood effects, central nervous system damage.

Caution: Contains a melamine-formaldehyde resin which, under certain conditions, could release formaldehyde in quantities sufficient to require monitoring under OSHA regulations. Formaldehyde is a suspect carcinogen.

NOTICE: Reports have associated repeated and prolonged OVEREXPOSURE to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents of this package may be harmful or fatal.

*****EMERGENCY AND FIRST AID PROCEDURES*****.

SKIN CONTACT: Flush with plenty of water. Remove contaminated clothing and wash before reuse. Remove and destroy contaminated shoes.

EYE CONTACT: Flush with water for at least 15 minutes and get mecical attention.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.

INGESTION: Get medical attention IMMEDIATELY.

SECTION VI - REACTIVITY DATA

Material is STABLE under non-emergency conditions.

Material WILL NOT undergo hazardous polymerization.

HAZARDOUS DECOMPOSITION PRODUCTS: fumes, various hydrocarbons, aldehydes, toxic fumes, ethanol, formaldehyde, methanol, oxides of nitrogen. oxides of carbon.

CONDITIONS TO AVOID: dusty conditions, open flame, temperatures above 100 degrees, sparks.

MATERIALS TO AVOID: chlorine trifluoride, alkali, oxidizers, acids.

SECTION VII - SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Wear appropriate safety equipment as listed in Section VIII; assume for all hazardous ingredients listed in Section II, that the TLV, PEL and LEL limits will be exceeded. Absorb on inert material and dispose of as below.

WASTE DISPOSAL METHODS: Dispose of in accordance with FEDERAL, STATE and local regulations. Incineration is the preferred method of disposal.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during application and handling unless air monitoring demonstrates vapor/mist levels below applicable limits. Follow respirator manufacturer's recommendations for selection and use.

VENTILATION: Sufficient ventilation must be provided to maintain airborne concentrations below TLV, PEL and LEL limits as listed in Section II.

PROTECTIVE GLOVES: Chemical resistant protective gloves should be worn when handling this product. Check with glove manufacturer to determine proper glove type.

EYE PROTECTION: Face-shield should be worn.

OTHER PROTECTIVE EQUIPMENT: Eye bath and safety shower should be provided. Rubber apron should be worn.

HYGENIC PRACTICES: Good personal hygiene practices are required at all times when handling chemicals. These practices include, but are not limited to, washing when safety equipment is removed, at the end of each shift or when going on breaks and especially if contamination occurs.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store away from ignition sources. Store in a clean, dry area. Store in well-ventilated area. Keep containers closed when not in use.

OTHER PRECAUTIONS: All precautions must be observed. Empty container may retain product residues (vapor or liquid).

This product contains the following SARA Title III, Section 313, reportable materials: naphthalene.

SECTION X - OTHER INFORMATION

The absence of a positive finding indicates that we believe, to the best of our knowledge, that the negative is true.

Disclaimer: While Akzo Coatings Inc. believes that the data contained herein are accurate and derived from qualified sources, the data are not to be taken as a warranty or representation for which Akzo Coatings Inc. assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State and local laws and regulations.

ABBREVIATIONS USED IN PREPARING THIS MSDS :

WHMIS - Workplace Hazardous Materials Information System
TSCA - Toxic Substances Control Act
CFR - Code of Federal Regulations

mg/M3 - Milligrams per Meter Cubed
LEL - Lower Explosion Limit
FP - Flash Point

Lb/gal - Pounds Per Gallon
NA - Not Available or Nonapplicable
mg/L - Milligrams Per Liter

ppm - Parts Per Million
mm/Hg - Millimeters of Mercury
F - Fahrenheit

> - Greater Than < - Less Than
% - Percent
# - Pounds

CAS No - Chemical Abstract Number
HMIS - Hazardous Material Information System
ORAL-LD50 - Oral Lethal Dose (50% Death)

INHAL-LC50 - Inhalation Lethal Concentration (50% Death)
DERM-LD50 - Dermal Lethal Dose (50% Death)
PEL - Permissable Exposure Limit

TLV - Threshhold Limit Value
STEL - Short Term Exposure Limit
CEIL - Ceiling Limit

@ - At
OSHA - Occupational Safety and Health Administration
IARC - International Agency for Research on Cancer

NTP - National Toxicology Program
SARA - Superfund Amendments & Reauthorization Act (1986)

PS Form 3800, June 1985 ☆U.S.G.P.O. 1989-234-555

P 406 114 820

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

JRK

Sent to	Mr. Oran Robinson
Street and No.	ILL Emergency Mgmt Agency
P.O., State and ZIP Code	110 E. Adams St., Springfield IL
Postage	$ 52
Certified Fee	100
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	100
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$ 252
Postmark or Date	

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee. JRK

3. Article Addressed to:
Mr. Oran Robinson
Illinois Emergency Management Agency
110 East Adams Street
Springfield, IL
62706

4a. Article Number
P 406 114 820

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery MAR 2 1994

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent) Robert D. Morris

PS Form 3811, December 1991 ☆ U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee. JKK

Thank you for using Return Receipt Service.

3. Article Addressed to:

Dupage County Emergency Planning Committee
136 North County Farm Road
Wheaton, IL 60187

4a. Article Number
P 406 114 821

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery
3-1-94

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

PS Form 3811, December 1991 ☆ U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee. JKK

Thank you for using Return Receipt Service.

3. Article Addressed to:

Downers Grove Fire Department
3900 Highland Avenue
Downers Grove, IL 60515

4a. Article Number
P 406 114 823

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

KLL 3-2-94

PS Form 3811, December 1991 ☆ U.S.G.P.O.: 1992-307-530 **DOMESTIC RETURN RECEIPT**

P 406 114 821
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse) JKK

Sent to Dupage County Emergency Planning Committee
Street and No. 136 No. County Farm Rd.
P.O., State and ZIP Code Wheaton, IL 60187

Postage	$ 25
Certified Fee	100
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	100
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$ 275
Postmark or Date	

ROCKFORD, IL FEB 28 PM 1994 611

P 406 114 823
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse) JKK

Sent to Downers Grove Fire Dept.
Street and No. 3900 Highland Avenue
P.O., State and ZIP Code Downers Grove, IL 60515

Postage	$ 25
Certified Fee	100
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	100
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$ 275
Postmark or Date	

ROCKFORD, IL FEB 28 PM 1994 611

PS Form 3800, June 1985 U.S.G.P.O. 1989-234-555

J. L. Clark

Date: February 28, 1995

To: John Benton

By: Jim Klotz

Copies to: Gordon VerWeyst/Greg Gann

Reference: J. L. Clark-Tube Division

Subject: Community Right to Know

Attached for your records is a copy of the following we have made this date for the Tube Division. Once the return receipts are received, we will forward the originals to you for retention with this information. As of this date, we have not received the signed certification statement regarding the accuracy of your data and would appreciate receiving a copy for our files.

Should you have any questions, please let us know.

J.L.CLARK
a member of the CLARCOR consumer products group

February 28, 1995

Mr. Oran Robinson
Illinois Emergency Management Agency
Office of Chemical Safety
110 East Adams Street
Springfield, IL 62701-9963

CERTIFIED MAIL
Z 409 372 826

Dear Mr. Robinson:

In accordance with the requirements of Section 312 of the Title III Amendments of the Superfund Amendments and Reauthorization Act, we are required to notify your agency of any hazardous chemicals on-site in excess of 10,000 pounds. We have no extremely hazardous chemicals present at our facility in excess of the prescribed threshold levels. Enclosed please find our completed Tier Two forms for J. L. Clark-Tube Division.

Please note under the physical and health hazards, that our supplier Material Safety Data Sheets do not all list these hazards per these categories. We have reviewed the MSDS for these products and provided our best judgement of which categories are applicable. Should you have any questions with this submission, please contact me at (815) 961-5686.

Sincerely,

James K. Klotz, CHMM
Environmental Engineer

Attachments

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125

815/962-8861
FAX: 815/962-0417

J.L.CLARK
a member of the CLARCOR consumer products group

February 28, 1995

Downers Grove Fire Department
3900 Highland Avenue
Downers Grove, IL 60515

CERTIFIED MAIL
Z 696 008 862

Gentlemen:

In accordance with the requirements of Section 312 of the Title III Amendments of the Superfund Amendments and Reauthorization Act, we are required to notify your agency of any hazardous chemicals on-site in excess of 10,000 pounds. We have no extremely hazardous chemicals present at our facility in excess of the prescribed threshold levels. Enclosed please find our completed Tier Two forms for J. L. Clark-Tube Division.

Please note under the physical and health hazards, that our supplier Material Safety Data Sheets do not all list these hazards per these categories. We have reviewed the MSDS for these products and provided our best judgement of which categories are applicable. Should you have any questions with this submission, please contact me at (815) 961-5686.

Sincerely,

James K. Klotz, CHMM
Environmental Engineer

Attachments

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125

815/962-8861
FAX: 815/962-0417

J.L. CLARK
a member of the CLARCOR consumer products group

February 28, 1995

Mr. Matthew Auriene
DuPage County Emergency
Planning Committee
136 N. County Farm Road
Wheaton, IL 60187

CERTIFIED MAIL
Z 696 008 861

Dear Mr. Auriene:

In accordance with the requirements of Section 312 of the Title III Amendments of the Superfund Amendments and Reauthorization Act, we are required to notify your agency of any hazardous chemicals on-site in excess of 10,000 pounds. We have no extremely hazardous chemicals present at our facility in excess of the prescribed threshold levels. Enclosed please find our completed Tier Two forms for J. L. Clark-Tube Division.

Please note under the physical and health hazards, that our supplier Material Safety Data Sheets do not all list these hazards per these categories. We have reviewed the MSDS for these products and provided our best judgement of which categories are applicable. Should you have any questions with this submission, please contact me at (815) 961-5686.

Sincerely,

James K. Klotz, CHMM
Environmental Engineer

Attachments

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125

815/962-8861
FAX: 815/962-0417

Revised November 1990

Form Approved OMB No 2050-0072

Tier Two

EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: J.L. Clark - Tube Division
Street: 2300 Wisconsin Avenue
City: Downers Grove County: DuPage State: IL Zip: 60515

SIC Code: 3499 Dun & Bradstreet Number: 00-513-0000

FOR OFFICIAL USE ONLY
ID #
Date Received

Owner/Operator Name

Name: CLARCOR, Inc. Phone: (815)962-8867
Mail Address: 2323 Sixth Street, P.O. Box 7007, Rockford, IL 61125

Emergency Contact

Name: Alwin Moore Title: Plant Operations Mg
Phone: (708) 969-6100 24 Hr. Phone: (708) 879-0093

Name: James K. Klotz Title: Environmental Eng.
Phone: (815) 961-5686 24 Hr. Phone: (815) 885-9026

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 94

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Optional
CAS 7429905 Trade Secret ☐ Chem. Name: Aluminum Check all that apply: Pure X, Mix ☐, Solid X, Liquid ☐, Gas ☐, EHS ☐ EHS Name:	Fire ☐ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) X Delayed (chronic) ☐	Max. Daily Amount (code): 05 Avg. Daily Amount (code): 05 No. of Days On-site (days): 365	Container Type / Pressure / Temperature: K 4 1 Slug Storage Room	☐
CAS Trade Secret ☐ Chem. Name: 660 Solvent Check all that apply: Pure ☐, Mix X, Solid ☐, Liquid X, Gas ☐, EHS ☐ EHS Name:	Fire X Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) X Delayed (chronic) X	Max. Daily Amount (code): 03 Avg. Daily Amount (code): 03 No. of Days On-site (days): 365	D 4 1 Chemical Storage Locker	☐
CAS Trade Secret ☐ Chem. Name: 220-W27-1024 Polyester White Coating Check all that apply: Pure ☐, Mix X, Solid ☐, Liquid X, Gas ☐, EHS ☐ EHS Name:	Fire X Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) X Delayed (chronic) X	Max. Daily Amount (code): 03 Avg. Daily Amount (code): 03 No. of Days On-site (days): 365	D 4 1 Chemical Storage Locker 0 4 1 Manufacturing Floor	☐

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 1, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Gordon E. VerWeyst — Vice President - Technology — Gordon E. VerWeyst — 2/28/95

Name and official title of owner/operator OR owner/operator's authorized representative — Signature — Date signed

Optional Attachments
☐ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of diked and other secondary containment

Z 409 372 826

Receipt for Certified Mail
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse) JKK-T

PS Form 3800, March 1993

Sent to Oran Robinson Ill. Emergency Mgt Agency	
Street and No. 110 E. Adams St.	
P.O., State and ZIP Code Springfield, IL 62701-9963	
Postage	$ 55
Certified Fee	110
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	110
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	$ 275
Postmark or Date	

CLARCOR 2323 - 6TH STREET P.O. BOX 7007 ROCKFORD, IL 61125

FEB 1995

Z 696 008 861

Receipt for Certified Mail
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse) JKK-T

PS Form 3800, March 1993

Sent to Matthew Auriene DuPage County Emergency Planning Comm.	
Street and No. 136 N. County Farm Rd	
P.O., State and ZIP Code Wheaton, IL 60187	
Postage	$ 55
Certified Fee	110
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	110
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	$ 275
Postmark or Date	

CLARCOR 2323 - 6TH STREET P.O. BOX 7007 ROCKFORD, IL 61125

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee. JKK

3. Article Addressed to:
Oran Robinson
Illinois Emergency Mgt. Agency
Office of Chemical Safety
110. E. Adams St.
Springfield, IL 62701-9963

4a. Article Number
Z 409 372 826

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery
MAR 2 1995

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent) Randy Biggs

PS Form 3811, December 1991 ☆U.S. GPO: 1993—352-714 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee. JKK

3. Article Addressed to:
Mr. Matthew Auriene
DuPage County Emergency Planning Committee
136 N. County Farm Road
Wheaton, IL 60187

4a. Article Number
Z 696 008 861

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery
MAR 1995

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee. JTK

3. Article Addressed to:

Downers Grove Fire Dept.
3900 Highland Avenue
Downers Grove, IL 60515

4a. Article Number
Z 696 008 862

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery
3/19/93

5. Signature (Addressee)

6. Signature (Agent)

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991 ☆U.S. GPO: 1993—352-714 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

Z 696 008 862

UNITED STATES POSTAL SERVICE

Receipt for Certified Mail
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

JTK-T

Sent to Downers Grove Fire Dept.	
Street and No. 3900 Highland Avenue	
P.O., State and ZIP Code Downers Grove, IL 60515	
Postage	$ .55
Certified Fee	1.10
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.10
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	$2.75
Postmark or Date	

PS Form 3800, March 1993

J.L. CLARK
a member of the CLARCOR consumer products group

Date: February 10, 1997

To: John Benton

By: Glenn Ceckowski

Copies To: Greg Gann, Jim Klotz

Reference: Tube Community Right-to-Know

Subject: Tier Two Reports

F162

We have completed the Tier Two Reports for the 1996 filing required under the Community Right -to-Know regulations for Tube Division and have mailed completed copies via certified letter to the three Regulatory Bureaus of Illinois. We have attached only one copy of the report and the three covers letters. The 1996 report shows no deletions and no new coating additions. Please keep this report in your files for future reference as needed.

If you have any questions, please contact us.

J.L.CLARK
a CLARCOR company

February 10, 1997

Mr. Oran Robinson
Illinois Emergency Management Agency
Hazardous Material Compliance & Enforcement Section
110 East Adams Street
Springfield, IL 62701-9963

CERTIFIED MAIL
P 296 237 210

Dear Mr. Robinson:

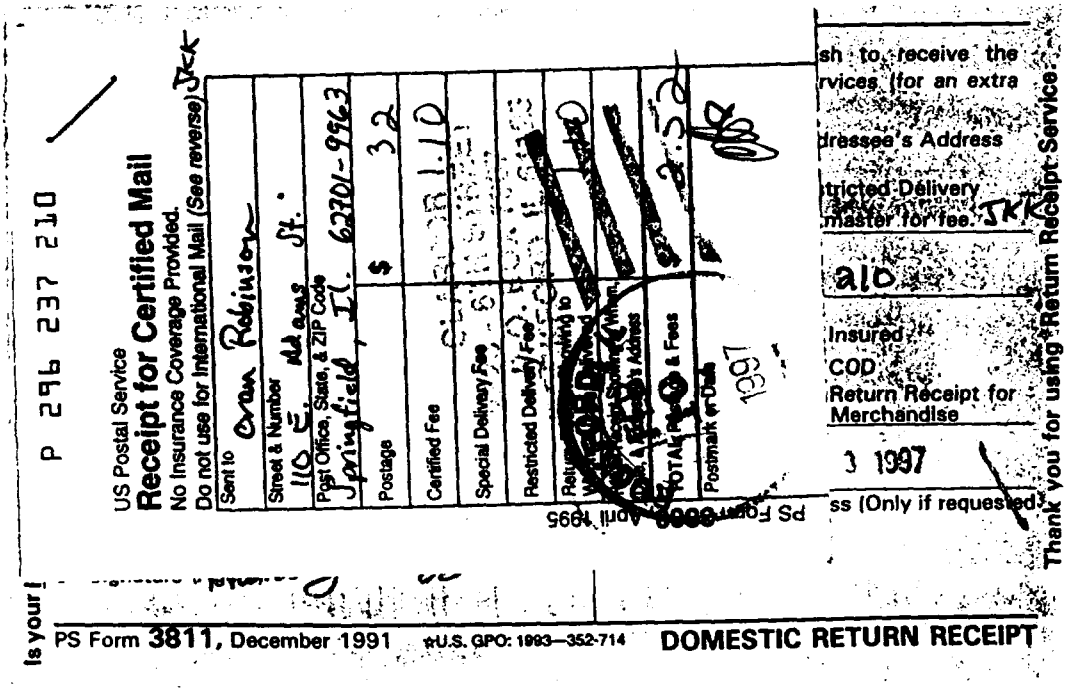
In accordance with the requirements of Section 312 of the Title III Amendments of the Superfund Amendments and Reauthorization Act, we are required to notify your agency of any hazardous chemicals on-site in excess of 10,000 pounds. We have no extremely hazardous chemicals present at our facility in excess of the prescribed threshold levels. Enclosed please find our completed Tier Two forms for J. L. Clark-Tube Division.

Please note under the physical and health hazards, that our supplier Material Safety Data sheets do not all list these hazards per these categories. We have reviewed the MSDS for these products and provided our best judgement of which categories are applicable. Should you have any questions with this submission, please contact me at (815) 961-5686.

Sincerely,

James K. Klotz, CHMM
Environmental Engineer

Enclosure


US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail (See reverse)
P 296 237 210
Sent to Oran Robinson
Street & Number 110 E. Adams St.
Post Office, State, & ZIP Code Springfield, IL 62701-9563
Postage $ 32
Certified Fee
Special Delivery Fee
Restricted Delivery Fee
Return Receipt Showing to Whom & Date Delivered
Return Receipt Showing to Whom, Date, & Addressee's Address
TOTAL Postage & Fees $ 2.52
Postmark or Date
Is your RETURN ADDRESS completed on the reverse side?
PS Form 3811, December 1991 *U.S. GPO: 1993—352-714 DOMESTIC RETURN RECEIPT
Thank you for using Return Receipt Service.

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125
815/962-8861
FAX: 815/962-0417

J.L.CLARK
a CLARCOR company

February 10, 1997

Downers Grove Fire Department
3900 Highland Avenue
Downers Grove, IL 60515

CERTIFIED MAIL
P 296 237 211

Gentlemen:

In accordance with the requirements of Section 312 of the Title III Amendments of the Superfund Amendments and Reauthorization Act, we are required to notify your agency of any hazardous chemicals on-site in excess of 10,000 pounds. We have no extremely hazardous chemicals present at our facility in excess of the prescribed threshold levels. Enclosed please find our completed Tier Two forms for J. L. Clark-Tube Division.

Please note under the physical and health hazards, that our supplier Material Safety Data sheets do not all list these hazards per these categories. We have reviewed the MSDS for these products and provided our best judgement of which categories are applicable. Should you have any questions with this submission, please contact me at (815) 961-5686.

Sincerely,

James K. Klotz, CHMM
Environmental Engineer

Enclosure

P 296 237 211

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail (See reverse) JKK

Sent to	Downers Grove Fire Dept.
Street & Number	3900 Highland Ave.
Post Office, State, & ZIP Code	Downers Grove, IL 60515
Postage	FEB 11
Certified Fee	1.10
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.10
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$ 2.52
Postmark or Date	

PS Form 3800, April 1995

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aster for fee. JKK
211
nsuted
COD
Return Receipt for
Merchandise
s (Only if requeste

Is your

PS Form 3811, December 1991 ★U.S. GPO: 1993—352-714 DOMESTIC RETURN RECEIP

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125
815/962-8861
FAX: 815/962-0417

J.L.CLARK
a CLARCOR company

February 10, 1997

Mr. Tom Mefferd
DuPage County Emergency Planning Committee
136 N. County Farm Road
Wheaton, IL 60187

CERTIFIED MAIL
P 296 237 212

Dear Mr. Mefferd:

In accordance with the requirements of Section 312 of the Title III Amendments of the Superfund Amendments and Reauthorization Act, we are required to notify your agency of any hazardous chemicals on-site in excess of 10,000 pounds. We have no extremely hazardous chemicals present at our facility in excess of the prescribed threshold levels. Enclosed please find our completed Tier Two forms for J. L. Clark-Tube Division.

Please note under the physical and health hazards, that our supplier Material Safety Data sheets do not all list these hazards per these categories. We have reviewed the MSDS for these products and provided our best judgement of which categories are applicable. Should you have any questions with this submission, please contact me at (815) 961-5686.

Sincerely,

James K. Klotz, CHMM
Environmental Engineer

Enclosure

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125

815/962-8861
FAX: 815/962-0417

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail (See reverse)

P 296 237 212

Sent to Tom Mefferd
Street & Number 136 N. County Farm Rd.
Post Office, State, & ZIP Code Wheaton IL 60187
Postage 32
Certified Fee
Special Delivery Fee
Restricted Delivery Fee
Return Receipt Showing to Whom & Date Delivered
Return Receipt Showing to Whom, Date, & Addressee's Address
TOTAL Postage & Fees $ 2.52
Postmark or Date

PS Form 3800, April 1995

sh to receive the
rvices (for an extra
dressee's Address
tricted Delivery
master for fee.
Insured
COD
Return Receipt for Merchandise
ss (Only if requested

Thank you for using Return Receipt Service.

PS Form 3811, December 1991 #U.S. GPO: 1993—352-714 DOMESTIC RETURN RECEIPT

Revised November 1990

Form Approved OMB No. 2050-0072

Tier Two

EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: J. L. Clark - Tube Division

Street: 2300 Wisconsin Avenue

City: Downers Grove County: DuPage State: IL Zip: 60515

SIC Code: 3499 Dun & Bradstreet Number: 00 513 0000

FOR OFFICIAL USE ONLY: ID #

Date Received

Owner/Operator Name

Name: CLARCOR, Inc. Phone: (815) 962886

Mail Address: 2323 Sixth St. P.O. Box 7007 Rockford IL 61

Emergency Contact

Name: Alvin Moore Title: Plant Oper. Mgr.

Phone: (708) 969-6100 24 Hr. Phone: (708) 879 0093

Name: James Klotz Title: Environmental En

Phone: (815) 962-8861 24 Hr. Phone: (815) 885-9026

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 1996

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Optional
CAS 7429905 Trade Secret ☐ Chem Name: Aluminum Check all that apply: Pure X, Mix ☐, Solid X, Liquid ☐, Gas ☐, EHS ☐ EHS Name:	Fire ☐, Sudden Release of Pressure ☐, Reactivity ☐, Immediate (acute) X, Delayed (chronic) ☐	Max. Daily Amount (code): 05 Avg. Daily Amount (code): 05 No. of Days On-site (days): 365	Container Type: K, Pressure: 4, Temperature: 1 Slug Storage Room	X
CAS ☐ Trade Secret ☐ Chem Name: 660 Solvent Check all that apply: Pure ☐, Mix X, Solid ☐, Liquid X, Gas ☐, EHS ☐ EHS Name:	Fire X, Sudden Release of Pressure ☐, Reactivity ☐, Immediate (acute) X, Delayed (chronic) X	Max. Daily Amount (code): 02 Avg. Daily Amount (code): 02 No. of Days On-site (days): 365	Container Type: D, Pressure: 4, Temperature: 1 Chemical Storage Locker	X
CAS ☐ Trade Secret ☐ Chem Name: 220-W27-1024 Polyester White Coating Check all that apply: Pure ☐, Mix X, Solid ☐, Liquid X, Gas ☐, EHS ☐ EHS Name:	Fire X, Sudden Release of Pressure ☐, Reactivity ☐, Immediate (acute) X, Delayed (chronic) X	Max. Daily Amount (code): 04 Avg. Daily Amount (code): 03 No. of Days On-site (days): 365	Container Type: D, Pressure: 4, Temperature: 1 Chemical Storage Locker Manufacturing Floor	☐

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 1 and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Gregory C. Gann, Vice President-Operations/Technology

Name and official title of owner/operator OR owner/operator's authorized representative

Signature: [signature] Date signed: 2/10/97

Optional Attachments

☐ I have attached a site plan

☐ I have attached a list of site coordinate abbreviations

☐ I have attached a description of dikes and other safeguard measures

ON

Y	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	TOTAL	TOTAL WT.	MAX. ON HAND	TOTAL MAX
10	110		61	55	55	55	110	831	5592.6	165	1110.45
				55				55	431.8	55	431.75
30	330	330	330	330	220	220	220	3465	24289.7	495	3469.95
		55	55					110	713.9	55	356.95
			55					55	452.1	55	452.1
			108					108	1274.4	108	1274.4
80	840	560	280	493	840	280	280	6088	71960.2	840	9928.8
										150	1506
					30			30	287.1		
		83				79		270	3056.4	108	1222.56
					103			203	2373.1	103	1204.07
					100			289	2173.3	189	1421.28
								275	2255.0	275	2255
			24					24	194.6	24	194.64
	20	110						150	1101.0	110	807.4
65	165		165		165			770	5767.3	165	1235.85
								52	389.5	52	389.48
			154					312	2393.0	158	1211.86
			990					1782	1782.0	990	990
45			1045					3130	3130.0	1045	1045
25							10	60	549.0	25	228.75
	25			25	25		25	165	1537.8	25	233

Revised November 1990

Page 1 of 1 pages
Form Approved OMB No. 2050-0072

Tier Two
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: J. L. Clark - Tube Division
Street: 2300 Wisconsin Avenue
City: Downers Grove County: DuPage State: IL Zip: 60515
SIC Code: 3499 Dun & Bradstreet Number: 00 513 0000

FOR OFFICIAL USE ONLY: ID #: Date Received:

Owner/Operator Name

Name: CLARCOR, Inc. Phone: (815 662886
Mail Address: 2323 Sixth St. P.O. Box 7007 Rockford IL 61

Emergency Contact

Name: Alvin Moore Title: Plant Oper. Mgr.
Phone: (708) 969-6100 24 Hr. Phone: (708) 879 0093

Name: James Klotz Title: Environmental En
Phone: (815) 962-8861 24 Hr. Phone: (815) 885-9026

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 1996

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Optional
CAS 7429905 Trade Secret ☐ Chem Name: Aluminum Check all that apply: Pure [X] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS EHS Name:	Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate (acute) [X] Delayed (chronic) [ ]	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-site (days)	K 4 1 Slug Storage Room	X
CAS Trade Secret ☐ Chem Name: 660 Solvent Check all that apply: Pure [ ] Mix [X] Solid [ ] Liquid [X] Gas [ ] EHS EHS Name:	Fire [X] Sudden Release of Pressure [ ] Reactivity [ ] Immediate (acute) [X] Delayed (chronic) [X]	02 Max. Daily Amount (code) 02 Avg. Daily Amount (code) 365 No. of Days On-site (days)	D 4 1 Chemical Storage Locker	X
CAS Trade Secret ☐ Chem Name: 220-W27-1024 Polyester White Coating Check all that apply: Pure [ ] Mix [X] Solid [ ] Liquid [X] Gas [ ] EHS EHS Name:	Fire [X] Sudden Release of Pressure [ ] Reactivity [ ] Immediate (acute) [X] Delayed (chronic) [X]	04 Max. Daily Amount (code) 03 Avg. Daily Amount (code) 365 No. of Days On-site (days)	D 4 1 Chemical Storage Locker 0 4 1 Manufacturing Floor	☐

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 1 and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Gregory C. Gann, Vice President-Operations/Technology — Signature: [signature] — Date signed: 2/10/97

Name and official title of owner/operator OR owner/operator's authorized representative

Optional Attachments

☐ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

J.L.CLARK
a member of the CLARCOR consumer products group

February 28, 1996

Mr. Oran Robinson
Illinois Emergency Management Agency
Hazardous Material Compliance & Enforcement Section
110 East Adams Street
Springfield, IL 62701-9963

CERTIFIED MAIL
P 583 065 018

Dear Mr. Robinson:

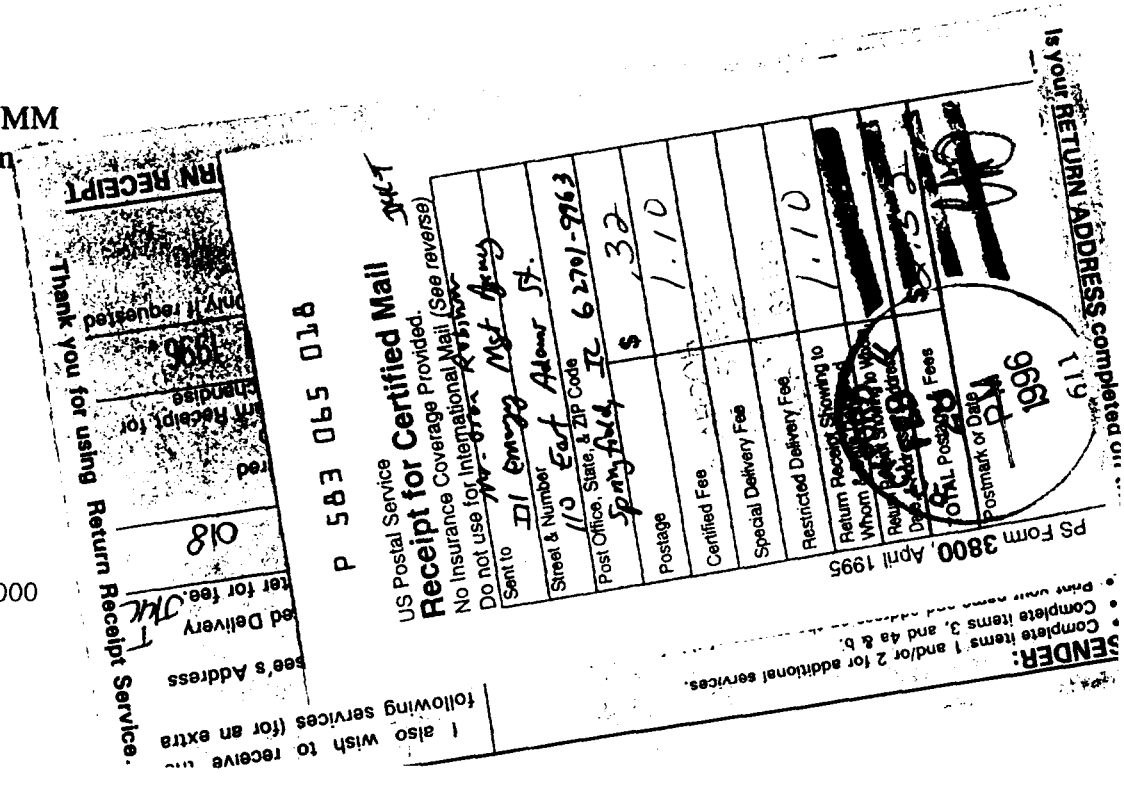
In accordance with the requirements of Section 312 of the Title III Amendments of the Superfund Amendments and Reauthorization Act, we are required to notify your agency of any hazardous chemicals on-site in excess of 10,000 pounds. We have no extremely hazardous chemicals present at our facility in excess of the prescribed threshold levels. Enclosed please find our completed Tier Two forms for J. L. Clark-Tube Division.

Please note under the physical and health hazards, that our supplier Material Safety Data sheets do not all list these hazards per these categories. We have reviewed the MSDS for these products and provided our best judgement of which categories are applicable. Should you have any questions with this submission, please contact me at (815) 961-5686.

Sincerely,

James K. Klotz, CHMM
Environmental Engin

Enclosure



2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125
815/962-8861
FAX: 815/962-0417

J.L.CLARK
a member of the CLARCOR consumer products group

February 28, 1996

Downers Grove Fire Department
3900 Highland Avenue
Downers Grove, IL 60515

CERTIFIED MAIL
P 583 065 019

Gentlemen:

In accordance with the requirements of Section 312 of the Title III Amendments of the Superfund Amendments and Reauthorization Act, we are required to notify your agency of any hazardous chemicals on-site in excess of 10,000 pounds. We have no extremely hazardous chemicals present at our facility in excess of the prescribed threshold levels. Enclosed please find our completed Tier Two forms for J. L. Clark-Tube Division.

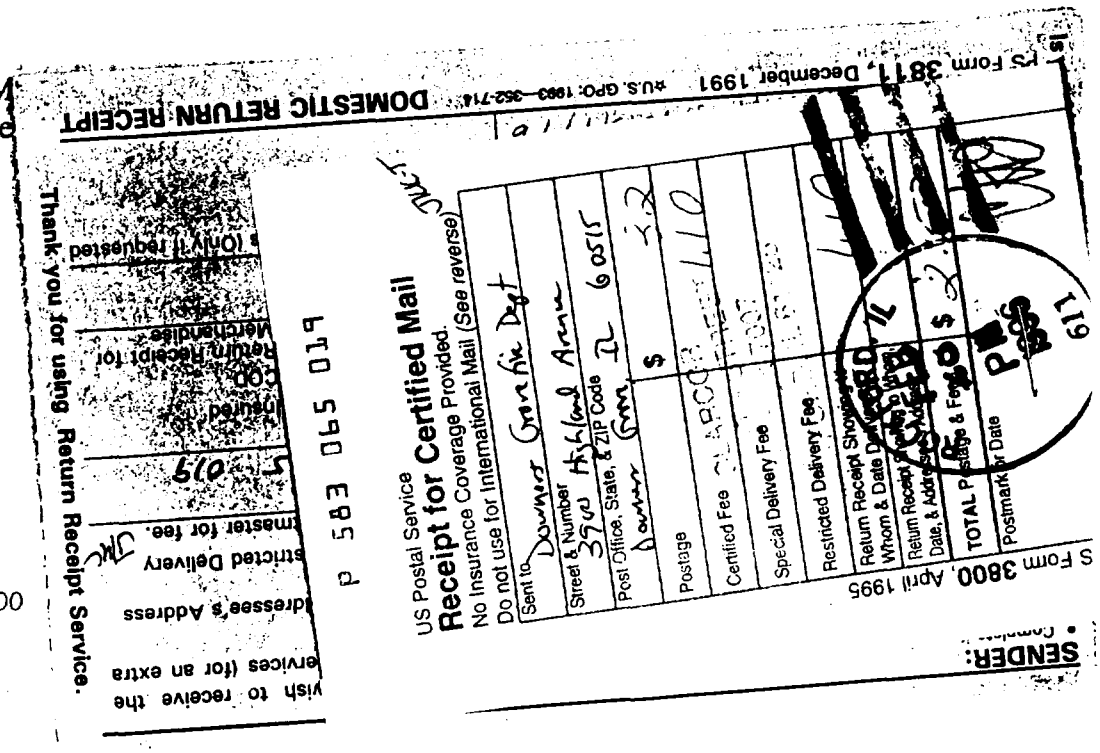
Please note under the physical and health hazards, that our supplier Material Safety Data sheets do not all list these hazards per these categories. We have reviewed the MSDS for these products and provided our best judgement of which categories are applicable. Should you have any questions with this submission, please contact me at (815) 961-5686.

Sincerely,

James K. Klotz, CHM
Environmental Engine

Enclosure

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125
815/962-8861
FAX: 815/962-0417



J.L.CLARK
a member of the CLARCOR consumer products group

February 28, 1996

Mr. Tom Mefferd
DuPage County Emergency Planning Committee
136 N. County Farm Road
Wheaton, IL 60187

CERTIFIED MAIL
P 583 065 020

Dear Mr. Mefferd:

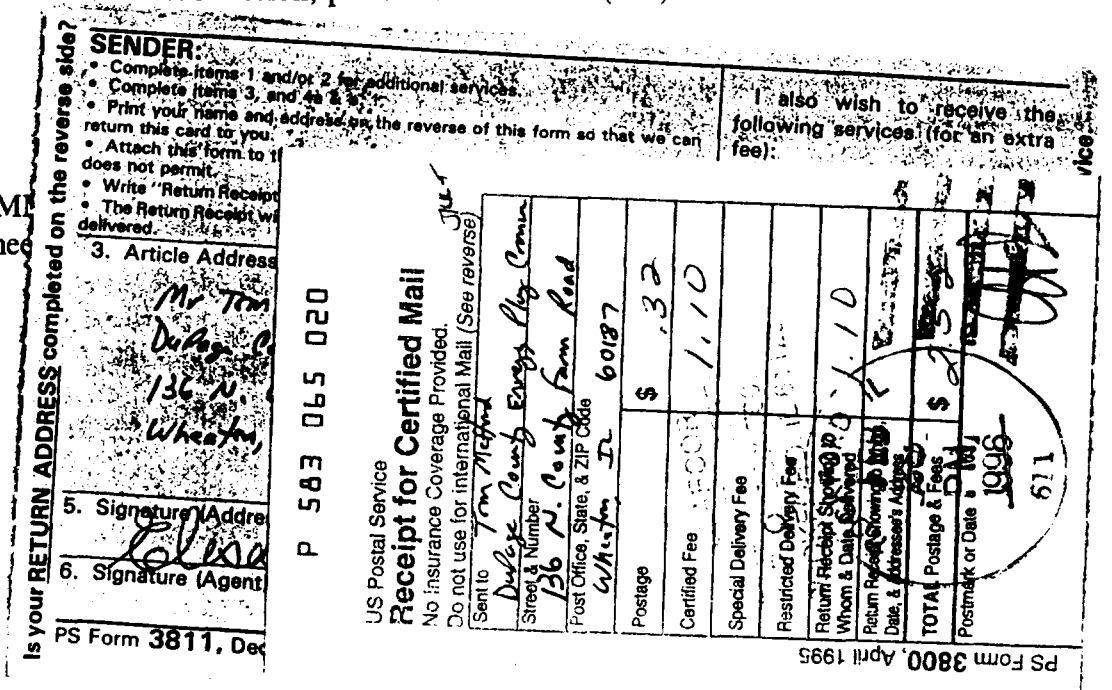
In accordance with the requirements of Section 312 of the Title III Amendments of the Superfund Amendments and Reauthorization Act, we are required to notify your agency of any hazardous chemicals on-site in excess of 10,000 pounds. We have no extremely hazardous chemicals present at our facility in excess of the prescribed threshold levels. Enclosed please find our completed Tier Two forms for J. L. Clark-Tube Division.

Please note under the physical and health hazards, that our supplier Material Safety Data sheets do not all list these hazards per these categories. We have reviewed the MSDS for these products and provided our best judgement of which categories are applicable. Should you have any questions with this submission, please contact me at (815) 961-5686.

Sincerely,

James K. Klotz, CHMI
Environmental Enginee

Enclosure



2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125

815/962-8861
FAX: 815/962-0417

Revised November 1990

Form Approved OMB No. 2050-0072

Tier Two

EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: J. L. Clark - Tube Division

Street: 2300 Wisconsin Avenue

City: Downers Grove County: DuPage State: IL Zip: 60515

SIC Code: 3499 Dun & Bradstreet Number: 00 513 0000

FOR OFFICIAL USE ONLY — ID #: Date Received:

Owner/Operator Name

Name: CLARCOR, Inc. Phone: (815) 962-8861

Mail Address: 2323 Sixth St. P.O. Box 7007 Rockford IL 61125

Emergency Contact

Name: Alvin Moore Title: Plant Oper. Mgr.

Phone: (708) 969-6100 24 Hr. Phone: (708) 879 0093

Name: James Klotz Title: Environmental Eng.

Phone: (815) 962-8861 24 Hr. Phone: (815) 885-9026

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 95

☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (Check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Optional
CAS 7429905 Trade Secret ☐ Chem. Name: Aluminum Check all that apply: Pure [X] Mix [ ] Solid [X] Liquid [ ] Gas [ ] EHS [ ] EHS Name:	Fire [ ] Sudden Release of Pressure [ ] Reactivity [ ] Immediate (acute) [X] Delayed (chronic) [ ]	Max. Daily Amount (code): 05 Avg. Daily Amount (code): 05 No. of Days On-site (days): 365	Container Type / Pressure / Temperature: K 4 1 Slug Storage Room	[X]
CAS Trade Secret ☐ Chem. Name: 660 Solvent Check all that apply: Pure [ ] Mix [X] Solid [ ] Liquid [X] Gas [ ] EHS [ ] EHS Name:	Fire [X] Sudden Release of Pressure [ ] Reactivity [ ] Immediate (acute) [X] Delayed (chronic) [X]	Max. Daily Amount (code): 02 Avg. Daily Amount (code): 03 No. of Days On-site (days): 365	D 4 1 Chemical Storage Locker	[X]
CAS Trade Secret ☐ Chem. Name: 220-W27-1024 Polyester White Coating Check all that apply: Pure [ ] Mix [X] Solid [ ] Liquid [X] Gas [ ] EHS [ ] EHS Name:	Fire [X] Sudden Release of Pressure [ ] Reactivity [ ] Immediate (acute) [X] Delayed (chronic) [X]	Max. Daily Amount (code): 04 Avg. Daily Amount (code): 03 No. of Days On-site (days): 365	D 4 1 Chemical Storage Locker 0 4 1 Manufacturing Floor	[ ]

Certification *(Read and sign after completing all sections)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 1, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Gordon E. VerWeyst Vice President - Technology *Gordon E. VerWeyst 3/31/95*

Name and official title of owner/operator OR owner/operator's authorized representative

Optional Attachments

☐ I have attached a site plan

☐ I have attached a list of site

Tier Two
Emergency and Hazardous Chemical Inventory

Specific Information by Chemical

Facility Identification

J. L. Clark - Tube Division
2300 Wisconsin Ave.
Downers Grove, DuPage, IL 60515

SIC Code 3499 Dun & Brad Number 00-513-0000

FOR OFFICIAL USE ONLY: ID # / Date Received

Owner/Operator Name

Name Clarcor, Inc Phone (815) 962-8867
Mail Address 2323 Sixth St P O Box 7007
Rockford IL 61125

Emergency Contact

Name John Benton Title V.P. Plant Operations
Phone (815) 962-8861 24 Hour Phone (630) 668-7228

Name Gregory Gann Title V.P. Operations/Technology
Phone (815) 962-8861 24 Hour Phone (815) 885-2261

Important: Read all instructions before completing form | Reporting Period From January 1 to December 31, 1997 | ☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt.
CAS 7429905 Trade Secret ☐ Chem. Name Aluminum check all that apply: ☒ Pure ☐ Mix ☒ Solid ☐ Liquid ☐ Gas ☐ EHS EHS Name	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-site (days)	K41 Slug Storage Room	☐
CAS Trade Secret ☐ Chem. Name 660 Solvent check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)	02 Max. Daily Amount (code) 02 Avg. Daily Amount (code) 365 No. of Days On-site (days)	D41 Chemical Storage Locker	☐
CAS Trade Secret ☐ Chem. Name 220-W27-1024 Polyester White Coating check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)	03 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-site (days)	D41 Chemical Storage Locker O41 Manufacturing Floor	☐

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through ____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Gregory C. Gann V.P. Operations/Technology — Name and official title of owner/operator or owner/operator's authorized representative
Signature — Date Signed 2-23-98

Optional Attachments

☐ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

Tier Two
Emergency and Hazardous Chemical Inventory

Specific Information by Chemical

Facility Identification

J. L. Clark - Tube Division
2300 Wisconsin Ave.
Downers Grove, DuPage, IL 60515

SIC Code 3499 Dun & Brad Number 00-513-0000

FOR OFFICIAL USE ONLY: ID # / Date Received

Owner/Operator Name

Name Clarcor, Inc Phone 815) 962-8867
Mail Address 2323 Sixth St. P. O. Box 7007
Rockford, IL 61125

Emergency Contact

Name John Benton Title V.P. Plant Operations
Phone 815) 962-8861 24 Hour Phone (630) 668-7228

Name Gregory Gann Title V.P. Operations/Technology
Phone 815) 962-8861 24 Hour Phone (815) 885-2261

Important: Read all instructions before completing form | Reporting Period From January 1 to December 31, 1997 | ☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (check all that apply)	Inventory	Storage Codes and Locations (Non-Confidential) Storage Locations	Opt.
CAS ☐☐☐☐☐ ☐☐ ☐ Trade Secret ☐ Chem. Name 379W141 White Polyester check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)	02 Max. Daily Amount (code) 02 Avg. Daily Amount (code) 365 No. of Days On-site (days)	D41 Chemical Storage Locker O41 Manufacturing Floor	☐
CAS ☐☐☐☐☐☐ ☐☐ ☐ Trade Secret ☐ Chem. Name check all that apply: ☐ Pure ☐ Mix ☐ Solid ☐ Liquid ☐ Gas ☐ EHS EHS Name	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) ☐ Delayed (chronic)	Max. Daily Amount (code) Avg. Daily Amount (code) No. of Days On-site (days)		☐
CAS ☐☐☐☐☐☐ ☐☐ ☐ Trade Secret ☐ Chem. Name check all that apply: ☐ Pure ☐ Mix ☐ Solid ☐ Liquid ☐ Gas ☐ EHS EHS Name	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) ☐ Delayed (chronic)	Max. Daily Amount (code) Avg. Daily Amount (code) No. of Days On-site (days)		☐

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted on pages one through ____, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Gregory C. Gann V.P. Operations/Technology — Name and official title of owner/operator or owner/operator's authorized representative
Signature — Date Signed 2-23-98

Optional Attachments

☐ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

02/16/98

1997 CRTK and Tier II Report

Solvents and Decoration Materials

TUBE DIVISION

Tier II updated ~~1/20/98~~ 2/16/98

		UNIT	WT/ GAL	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL	TOTAL WT.	MAX. ON HAND	TOTAL MAX
4000010	MEK	GL	6.73	55		110	55	55	55	109	54	55	55	55	55	713	4798.5	110	740.3
4000020	DB ACETATE	GL	8.18	55												55	449.9	55	449.9
4000030	EB ACETATE	GL	7.85	55					55							110	863.5	55	431.75
4000040	660 SOLVENT	GL	7.01	275	275	330	330	165	330	220	330	330	330	275	110	3300	23133.0	330	2313.3
4000050	MINERAL SPIRITS	GL	6.49										55			55	357.0	55	356.95
4000070	150 SOLVENT	GL	8.22			55										55	452.1	55	452.1
4023000	2300 REDUCER	GL	7.61																
4122000	222-R27-2012 ROSE	GL	11.8				51									51	601.8	51	601.8
4122027	W27-1024 POLYESTER	GL	11.8	560	560	768	515	280	560	560		787	280	280	280	5430	64182.6	787	9302.34
4122030	379W141 POLYESTER	GL	12				52		242		200	242		227		963	11556.0	242	2904
4137840	375-W27-5026 VINYL	GL	10			48		50								98	983.9	50	502
4138170	375-W27-5029 PEEL	GL	9.57												23	23	220.1	23	220.11
4172180	G72WC18 VINYL	GL	11.6																
4180754	VL8M80754	GL	9.59																
4182008	222-Y27-2008 BR. YELLOW	GL	11.3					94								94	1064.1	94	1064.08
4182011	222-Y27-2011 DES. YEL	GL	11.7									40				40	467.6	40	467.6
4182020	JLC2841H-18 COPPER	GL	X			17								22		39		22	
4182379	379Y62 COMBE YELLOW	GL	11										200			200	2194.0	200	2194
4200023	374-C27-5020, AKZO H-23	GL	7.52	84				95				94		100		373	2805.0	100	752
4200040	Einn Lakk IT-404	GL	8.2																
4200048	375-Z27-5048 XB2666 AAL.	GL	8.31																
4200049	375-E27-0006 AL. ADD	GL	8.11																
4200061	Valspar S5061-041	GL	7.34				20						25			45	330.3	25	183.5
4200064	374-C27-4033 XR3164 CLR	GL	8.05									35	20			55	442.8	55	442.75
4200084	W.S. 10-084-CF	GL	7.49	110			165				165		110	110		660	4943.4	165	1235.85
4200115	Akzo XR-1215	GL	8.07											18		18	145.3	18	145.26
4201090	Morton PE1090	GL	7.67											110		110	843.7	110	843.7
4238466	Valspar S-3846-044	GL	7.9	25			25									50	395.0	25	197.5
4300012	AMR-12	LB	1				990						990			1980	1980.0	990	990
4300013	SP-1103	LB	1									628				628	628.0	628	628
4400031	Darex B-31F	GL	9.15	15									30	25		70	640.5	30	274.5
4400313	DAREX 313	GL	9.32	25	30	30		25	60			25	35	25		255	2376.6	60	559.2
4500000	all INKS	LB	1	258	50	181	91	65	159	1	174	122	98	76	40	1315	1315.0	181	181
3000000	all Aluminum	LB	1	64513	65147	56174	64517	54671	46730	53880	58640	68120	58740	4814	39556	633502			

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. *(Extra charge)*
2. ☐ Restricted Delivery *(Extra charge)*

3. Article Addressed to:
EPCRA Reporting Center
P.O. Box 23779
Washington, DC 20026-3779
Attn: Toxic Chemical Release Inventory

4. Article Number
P 945 779 811

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature — Addressee
X EPCRA REPORTING CENTER
P.O. BOX 23779

6. Signature — Agent
X WASHINGTON, D.C. 20026-3779

7. Date of Delivery
JUL 02 1001

8. Addressee's Address *(ONLY if requested and fee paid)*

PS Form 3811, Apr. 1989 ★U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

JKK P 945 779 811

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to EPCRA Reporting Center	
Street and No. P.O. Box 23779	
P.O., State and ZIP Code Washington, DC 20026-3779	
Postage	$ .98
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	1.00
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$ 2.98
Postmark or Date	

PS Form 3800, June 1985

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. *(Extra charge)*
2. ☐ Restricted Delivery *(Extra charge)*

3. Article Addressed to:
Mr. Joe Goodner
Emergency Planning Unit
Illinois EPA
P.O. Box 19276
2200 Churchill Road
Springfield, IL 62794-9276

4. Article Number
P 945 779 250

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature — Addressee
X Illinois Environmental Protection Agcy. 2200 Churchill Rd. - P.O. Box 19276 Springfield, Illinois 62794-9276

6. Signature — Agent
X

7. Date of Delivery
JUL 1 1991

Terry A. Ahrens

8. Addressee's Address *(ONLY if requested and fee paid)*

PS Form 3811, April 1989 *U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

JKK

P 945 779 250

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to	Mr. Joe Goodner-Illinois EPA
Street and No.	2200 Churchill Road
P.O., State and ZIP Code	P.O. Box 19276, Springfield, IL 62794
Postage	$ .98
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	1.00
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$ 2.98
Postmark or Date	

PS Form 3800, June 1985

J.L. CLARK
a CLARCOR company

February 17, 1998

Mr. Dean Schlee
Illinois Emergency Management Agency
Hazardous Material Compliance & Enforcement Section
110 East Adams Street
Springfield, IL 62701-9963

CERTIFIED MAIL
P 295 748 391

Dear Mr. Schlee:

In accordance with the requirements of Section 312 of the Title III Amendments of the Superfund Amendments and Reauthorization Act, we are required to notify your agency of any hazardous chemicals on-site in excess of 10,000 pounds. We have no extremely hazardous chemicals present at our facility in excess of the prescribed threshold levels. Enclosed please find our completed 1997 Tier II forms for J. L. Clark-Tube Division.

We have one material addition that had exceeded the 10,000 pound threshold from our previous reporting year. 379W141 White Polyester, was added in 1997 and the MSDS is attached to this report.

Please note under the physical and health hazards, that our supplier Material Safety Data sheets do not all list these hazards per these categories. We have reviewed the MSDS for these products and provided our best judgement of which categories are applicable. Should you have any questions with this submission, please contact me at (815) 962-8861.

Sincerely,

Gregory C. Gann
V.P. Operations/Technology

Enclosure

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125
815/962-8861
FAX: 815/962-0417

J.L.CLARK
a CLARCOR company

February 17, 1998

Downers Grove Fire Department
3900 Highland Avenue
Downers Grove, IL 60515

CERTIFIED MAIL
P 295 748 392

Dear Gentlemen:

In accordance with the requirements of Section 312 of the Title III Amendments of the Superfund Amendments and Reauthorization Act, we are required to notify your agency of any hazardous chemicals on-site in excess of 10,000 pounds. We have no extremely hazardous chemicals present at our facility in excess of the prescribed threshold levels. Enclosed please find our completed 1997 Tier II forms for J. L. Clark-Tube Division.

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Sincerely,

Gregory C. Gann
V.P. Operations/Technology

Enclosure

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125

815/962-8861
FAX: 815/962-0417

J.L. CLARK
a CLARCOR company

Postage & USPS Permit No.

February 17, 1998

Mr. Tom Mefferd
DuPage County Emergency Planning Committee
136 North County Farm Road
Wheaton, IL 60187

CERTIFIED MAIL
P 295 748 393

Dear Mr. Mefferd:

In accordance with the requirements of Section 312 of the Title III Amendments of the Superfund Amendments and Reauthorization Act, we are required to notify your agency of any hazardous chemicals on-site in excess of 10,000 pounds. We have no extremely hazardous chemicals present at our facility in excess of the prescribed threshold levels. Enclosed please find our completed 1997 Tier II forms for J. L. Clark-Tube Division.

We have one material addition that had exceeded the 10,000 pound threshold from our previous reporting year. 379W141 White Polyester, was added in 1997 and the MSDS is attached to this report.

Please note under the physical and health hazards, that our supplier Material Safety Data sheets do not all list these hazards per these categories. We have reviewed the MSDS for these products and provided our best judgement of which categories are applicable. Should you have any questions with this submission, please contact me at (815) 962-8861.

Sincerely,

Gregory C. Gann
V.P. Operations/Technology

Enclosure

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125
815/962-8861
FAX: 815/962-0417

J.L.CLARK
a CLARCOR company

EAR - CRTK manuals in JKK office

February 17, 1998

Dear Schlee
Mr. ~~Oran Robinson~~
Illinois Emergency Management Agency
Hazardous Material Compliance & Enforcement Section
110 East Adams Street
Springfield, IL 62701-9963

CERTIFIED MAIL
P 295 748 391

Dear ~~Mr. Robinson:~~

In accordance with the requirements of Section 312 of the Title III Amendments of the Superfund Amendments and Reauthorization Act, we are required to notify your agency of any hazardous chemicals on-site in excess of 10,000 pounds. We have no extremely hazardous chemicals present at our facility in excess of the prescribed threshold levels. Enclosed please find our completed 1997 Tier II forms for J. L. Clark-Tube Division.

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Sincerely,

Gregory C. Gann
V.P. Operations/Technology

Enclosure

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125
815/962-8861
FAX: 815/962-0417

J.L.CLARK
a CLARCOR company

October 25, 1999

State Emergency Response Commission
110 E. Adams Street
Springfield, IL 62701-1109
Attn: Ms. Ruth Duncheon

Re: Reporting Requirements
J.L. Clark-Tube Div., 2300 Wisconsin Ave., Downers Grove, IL 60515

Dear Ms. Duncheon:

Attached is the signed certification form stating that J.L. Clark sold the J.L. Clark-Tube Div. Prior to 1998 and are not subject to reporting requirements for 1998.

If there are additional questions, please advise.

Sincerely,

Gordon E. VerWeyst

Gordon E. VerWeyst
Vice President & Gen. Mgr.

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125
815/962-8861
FAX: 815/962-6356

CERTIFICATION

I certify to the following:

During calendar year(s) 1998, the following facility was not subject to the reporting requirements of Section 12 of the Illinois Emergency Planning and Community Right to Know Act, 430 ILCS 100/12 (1998):

J.L. Clark - Tube Division
Name of Facility

2300 Wisconsin Ave
Address

Downers Grove | DuPage | 60515
City | County | Zip Code

Gordon E. VerWeyst Vice President & Gen. Mgr.
Print name and official title of owner/operator or owner's authorized representative

Gordon E. VerWeyst — Signature

10/25/99 — Date

* Business was sold to CCL Industries in November of 1997. Plant was closed down & equipment and plant were sold.

ILLINOIS EMERGENCY
MANAGEMENT AGENCY

GEORGE H. RYAN, GOVERNOR
MICHAEL CHAMNESS, DIRECTOR

October 14, 1999

Clarcor, Inc.
J.L. Clark-Tube Div.
2323 Sixth Street, P.O. Box 7007
Rockford, IL 61125

Re: **Compliance Inquiry Letter: Reporting Requirements**
Facility: J.L. Clark-Tube Div., 2300 Wisconsin Avenue, Downers Grove, IL 60515

To Whom it May Concern:

The purpose of this letter is to provide J.L. Clark-Tube Div. with the opportunity to clarify its compliance status under the Illinois Emergency Planning and Community Right To Know Act ("IEPCRA"), 430 ILCS 100/16 (1998). IEPCRA requires that the owner or operator of any facility required to prepare or have available a Material Safety Data Sheet ("MSDS") for a hazardous chemical under the Occupational Safety and Health Administration Act ("OSHA") submit for each facility an emergency and hazardous chemical inventory form ("inventory form") to the Illinois Emergency Management Agency ("IEMA") as the State Emergency Response Commission ("SERC"), the local emergency planning committee ("LEPC"), and the local fire department by March 1 of each year. 430 ILCS 100/12 (1998).

This reporting requirement applies to all hazardous chemicals present at a facility at any one time in amounts equal to or greater than 10,000 pounds. If the chemical is an extremely hazardous substance, the threshold for reporting is an amount greater than or equal to 500 pounds or the threshold planning quantity, whichever is less.

Failure to timely comply with this reporting requirement thwarts the emergency planning, emergency response, and right-to-know intentions of the statute and constitutes a violation of Section 12 of IEPCRA, 430 ILCS 100/12 (1998), which mirrors the federal equivalent statute, and 29 Ill. Adm. Code 620.230 (1998). IEPCRA allows a statutory maximum penalty of $25,000 per day that a violation continues. 430 ILCS 100/18 (1998).

Our records indicate that J.L. Clark-Tube Div. has not filed an inventory form for calendar year 1998 for the foregoing facility.

If the above named facility was **not** subject to this reporting requirement during calendar year 1998, please complete and submit the enclosed certification form and send by certified mail to the following:

State Emergency Response Commission
110 E. Adams Street
Springfield, IL 62701-1109
Attn: Ms. Ruth Duncheon

If the above named facility was subject to this reporting requirement during the aforementioned calendar year, and has not submitted an inventory form as required, J.L. Clark-Tube Div. is in violation of Section 12 of IEPCRA and 29 Ill. Adm. Code 620.230 (1998) and is, therefore, subject to civil penalties of up to $25,000 for each day that the violation continues. J.L. Clark-Tube Div. is urged to immediately complete and send the enclosed inventory form to the above address.

Please respond within thirty days of receipt of this notice. Questions regarding this notice may be directed to the undersigned at 217-557-4832.

Sincerely,

Ruth Duncheon

Ruth Duncheon
Hazardous Materials Specialist

Enclosures: Certification Form
Inventory Form

cc: DuPage County LEPC
Downers Grove Fire Department

TIER TWO INSTRUCTIONS

GENERAL INFORMATION

Submission of this Tier Two form (when requested) is required by Title III of the Superfund Amendments and Reauthorization Act of 1986, Section 312, Public Law 99-499, codified at 42 U.S.C. Section 11022. The purpose of this Tier Two form is to provide State and local officials and the public with specific information on hazardous chemicals present at your facility during the past year.

CERTIFICATION

The owner or operator or the officially designated representative of the owner or operator must certify that all information included in the Tier Two submission is true, accurate, and complete. On the first page of the Tier Two report, enter your full name and official title. Sign your name and enter the current date. Also, enter the total number of pages included in the Confidential and Non-Confidential Information Sheets as well as all attachments. An original signature is required on at least the first page of the submission. Submissions to the SERC, LEPC, and fire department must each contain an original signature on at least the first page. Subsequent pages must contain either an original signature, a photocopy of the original signature, or a signature stamp. Each page must contain the date on which the original signature was affixed to the first page of the submission and the total number of pages in the submission.

YOU MUST PROVIDE ALL INFORMATION REQUESTED ON THIS FORM TO FULFILL TIER TWO REPORTING REQUIREMENTS.

This form may also be used as a worksheet for completing the Tier One form or may be submitted in place of the Tier One form.

WHO MUST SUBMIT THIS FORM

Section 312 of Title III requires that the owner or operator of a facility submit their Tier Two form if so requested by a State emergency response commission, a local emergency planning committee, or a fire department with jurisdiction over the facility.

This request may apply to the owner or operator of any facility that is required, under regulations implementing the Occupational Safety and Health Act of 1970, to prepare or have available a Material Safety Data Sheet (MSDS) for a hazardous chemical present at the facility. MSDS requirements are specified in the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, found in Title 29 of the Code of Federal Regulations at §1910.1200.

This form does not have to be submitted if all of the chemicals located at your facility are excluded under Section 311(e) of Title III.

WHAT CHEMICALS ARE INCLUDED

If you are submitting Tier Two forms in lieu of Tier One, you must report the required information on this Tier Two form for each hazardous chemical present at your facility in quantities equal to or greater than established threshold amounts (discussed below), unless the chemicals are excluded under Section 311(e) of Title III. Hazardous chemicals are any substance for which your facility must maintain an MSDS under OSHA's Hazard Communication Standard.

If you elect to submit Tier One rather than Tier Two, you may still be required to submit Tier Two information upon request.

WHAT CHEMICALS ARE EXCLUDED

Section 311(e) of Title III excludes the following substances:

(I) Any food, food additive, color additive, drug, or cosmetic regulated by the Food and Drug Administration:

(II) Any substance present as a solid in any manufactured item to the extent exposure to the sub-stance does not occur under normal conditions of use;

(III) Any substance to the extent it is used for personal, family, or household purposes, or is present in the same form and concentration as a product packaged for distribution and use by the general public;

(IV) Any substance to the extent it is used in a research laboratory or a hospital or other medical facility under the direct supervision of a technically qualified individual;

(V) Any substance to the extent it is used in routine agricultural operations or is a fertilizer held for sale by a retailer to the ultimate customer.

OSHA regulations, Section 1910.1200(b), stipulate exemptions from the requirement to prepare to have available an MSDS.

REPORTING THRESHOLDS

Minimum thresholds have been established for Tier One/ Tier Two reporting under Title III, Section 312. These thresholds are as follows:

For Extremely Hazardous Substances (EHSs) designated under Section 302 of Title III, the reporting threshold is 500 pounds (or 227 kg.) or the threshold planning quantity (TPQ), whichever is lower.

For all other hazardous chemicals for which facilities are required to have or prepare an MSDS, the minimum reporting threshold is 10,000 pounds (or 4,540 kg.).

You need to report hazardous chemicals that were present at your facility at any time during the previous calendar year at levels that equal or exceed these thresholds. For instructions on threshold determinations for components of mixtures, see "What About Mixtures?" on page 2 of these instructions.

A requesting official may limit the responses required under Tier Two by specifying particular chemicals or groups of chemicals. Such requests apply to hazardous chemicals regardless of established thresholds.

Appendix D

ENVIRONMENTAL INFORMATION FOR ALUMINUM TUBE COATINGS

[illegible] DIVISION 1995

Viscosity stated in seconds (secs) was determined on #4 Ford cup at 77F

	Vendor Part #	VOC	Supplied Viscosity	Run Viscosity	Film Weight	Cure Temp	lbs /gal	Wt. % solids	Comments.
[illegible] Coatings	✓220-W27-1024	3.1 lbs/gal	95-105 K.U	100 K.U.	85 mgs	350F	11.9	73.8	
	✓374-C27-4033	6.1 lbs/gal	70-80 K.U.	75 K.U.	40-60 mgs	325F	8.1	24.3	
	✓375-W27-5029	5.4 lbs/gal	105-115 K.U.	110 K.U.	100 mgs	325F	9.4	42.1	
	✓375-Y27-5026	5.4 lbs/gal	105-115 K.U	110 K.U.	100 mgs	325F	10.1		
	✓374-C27-5020	6.3 lbs/gal	30-35 secs	20 secs	12-17 mgs	470F	7.5	15.9	no usage in '94 — no data sheet
	✓375-W27-5017	5.9 lbs/gal	40-45 secs	20 secs	18-26 mgs	450F	7.8	18.9	spray: 2 qts Glycol Ether EB in 5 gal
	VL8M80754	5.2 lbs/gal	100-110 K.U	105 K.U.	100 mgs	325F	8.8	40.4	spray:1 gal MEK in 5 gal
	✓222-Y27-2008	2.0 lbs/gal	90-100 K.U.	95 K.U.	100 mgs	330F	11.8	82.8	
	✓222-R27-2012	2.9 lbs/gal	85-105 K.U.	95 K.U.	100 mgs	320F	11.8	75.5	
	✓375-Z27-5048	5.3 lbs/gal	115-120 K.U.	115 K.U.	60 mgs	300F	8.3	36	
	✓222-Y27-2011	2.8 lbs/gal	95-105 K.U.	100 K.U.	100 mgs	320F	12	77.1	
	✓375-E27-0006	4.4 lbs/gal	115 K.U.	115 K.U.	n/a		8.1	45.6	color additive for 374-C27-4033
Elian LaKK N/S Elian Lakke	IT-404	5.5 lbs/gal	25 secs	20 secs	15-20 mgs	450F	8.2	33.4	spray: 1 qt Glycol Ether EB in 5 gal
Mobiant & Veeck	IL-320-1528	5.3 lbs/gal	45 secs	20 secs	25 mgs	450F	8.7	39.1	spray: 1 gal Butyl Cellosolve in 5 gal
Morton Int'l	1090-HV	6.2 lbs/gal	24-26 secs	25 secs	20-25 mgs	450F	7.7	21.9	spray: no reduction
Sherwin Williams	G72WC18	4.8 lbs/gal	+300 secs	+300 secs	80 mgs	300F	11.3	57	
Valspar	s3846-044	5.7 lbs/gal	55-75 secs	20 secs	17-24 mgs	500F	7.84	26.5	spray: 5 qts Glycol Ether EB
	s5061-041	5.8 lbs/gal	35-45 secs	20 secs	28-36 mgs	450F	7.8	25.4	spray: 2 qts Glycol Ether EB
Watson Standard	10-084-A	5.9 lbs/gal	17-23 secs	17-23 secs	10-17 mgs	375F	7.9	25.5	spray: no reduction
	10-084-CF	5.9 lbs/gal	17-23 secs	17-23 secs	10-17 mgs	375F	7.9	25.5	spray: no reduction

Much of this information is the same as 1994 report, reduction ratios have not changed for any materials

Copy of Valspar s3846-044 VOC sheet should be in 1994 report, it is not included in this report

There may be a difference in viscosity measurements between vendor and user, even though there is no solvent reduction

V O C CERTIFICATION DATA SHEET

COATING MANUFACTURER: AKZO COATINGS INC.

COATING IDENTIFICATION: 220-W27-1024

THIS COATING IS: SOLVENT BASED

SUPPLIED TO: J.L. CLARK

THE FOLLOWING PROPERTIES ARE: ACTUAL DETERMINATIONS ON COATING AS APPLIED

1. COATING DENSITY (ASTM D1475) 11.859 LB./GAL.

2. PERCENT VOLATILE MATTER (ASTM D2369) 26.165

3. VOLATILE ORGANIC CONTENT 3.103 LB./GAL.

SIGNED : Michael L. Hammer

AKZO COATINGS INC.

DATE : 3-31-94

theoretical 2.5 VOC
bake schedule:

3/94

V O C CERTIFICATION DATA SHEET

COATING MANUFACTURER: AKZO COATINGS INC.

COATING IDENTIFICATION: 374-C27-4033 (XR-3164)

THIS COATING IS: SOLVENT BASED

SUPPLIED TO: J.L. CLARK

THE FOLLOWING PROPERTIES ARE: ACTUAL DETERMINATIONS ON COATING AS APPLIED

1. COATING DENSITY (ASTM D1475) 8.085 LB./GAL.

2. PERCENT VOLATILE MATTER (ASTM D2369) 75.66

3. VOLATILE ORGANIC CONTENT 6.117 LB./GAL.

SIGNED : Michael L. Hammond

AKZO COATINGS INC.

DATE : 3-31-94

3/94

V O C CERTIFICATION DATA SHEET

COATING MANUFACTURER: AKZO COATINGS INC.

COATING IDENTIFICATION: 375-W27-5029

THIS COATING IS: SOLVENT BASED

SUPPLIED TO: J.L. CLARK

THE FOLLOWING PROPERTIES ARE: ACTUAL DETERMINATIONS ON COATING AS APPLIED

1. COATING DENSITY (ASTM D1475) 9.410 LB./GAL.

2. PERCENT VOLATILE MATTER (ASTM D2369) 57.85

3. VOLATILE ORGANIC CONTENT 5.444 LB./GAL.

SIGNED : Michael L. Hammond

AKZO COATINGS INC.

DATE : 3-31-94

3/94

V O C CERTIFICATION DATA SHEET

COATING MANUFACTURER: AKZO COATINGS INC.

COATING IDENTIFICATION: 374-C27-5020 (H-23)

THIS COATING IS: SOLVENT BASED

SUPPLIED TO: J.L. CLARK

THE FOLLOWING PROPERTIES ARE: ACTUAL DETERMINATIONS ON COATING AS APPLIED AFTER THINNING

1. COATING DENSITY (ASTM D1475) 7.488 LB./GAL.

2. PERCENT VOLATILE MATTER (ASTM D2369) 84.105

3. VOLATILE ORGANIC CONTENT 6.298 LB./GAL.

SIGNED : Michael L. Hammond

AKZO COATINGS INC.

DATE : 3-31-94

3/94

V O C CERTIFICATION DATA SHEET

COATING MANUFACTURER: AKZO COATINGS INC.

COATING IDENTIFICATION: 375-W27-5017 (XR1215)

THIS COATING IS: SOLVENT BASED

SUPPLIED TO: J.L. CLARK

THE FOLLOWING PROPERTIES ARE: ACTUAL DETERMINATIONS ON COATING AS APPLIED AFTER THINNING

1. COATING DENSITY (ASTM D1475) 7.757 LB./GAL.
2. PERCENT VOLATILE MATTER (ASTM D2369) 81.13
3. VOLATILE ORGANIC CONTENT 5.929 LB./GAL.

SIGNED : Michael L. Hanninen

AKZO COATINGS INC.

DATE : 4-4-94

V O C CERTIFICATION DATA SHEET

COATING MANUFACTURER: AKZO COATINGS INC.

COATING IDENTIFICATION: VL8M80754 BLUE PEEL

THIS COATING IS: SOLVENT BASED

SUPPLIED TO: J.L. CLARK

THE FOLLOWING PROPERTIES ARE: ACTUAL DETERMINATIONS ON COATING AS APPLIED

1. COATING DENSITY (ASTM D1475) 8.782 LB./GAL.
2. PERCENT VOLATILE MATTER (ASTM D2369) 59.625
3. VOLATILE ORGANIC CONTENT 5.236 LB./GAL.

SIGNED : Michael L. Hanneman

AKZO COATINGS INC.

DATE : 3-31-94

3/94

V O C CERTIFICATION DATA SHEET

COATING MANUFACTURER: AKZO COATINGS INC.

COATING IDENTIFICATION: 222-Y27-2008

THIS COATING IS: SOLVENT BASED

SUPPLIED TO: J.L. CLARK

THE FOLLOWING PROPERTIES ARE: ACTUAL DETERMINATIONS ON COATING AS APPLIED

1. COATING DENSITY (ASTM D1475) 11.789 LB./GAL.

2. PERCENT VOLATILE MATTER (ASTM D2369) 17.195

3. VOLATILE ORGANIC CONTENT 2.027 LB./GAL.

SIGNED : Michael L. Hammond

AKZO COATINGS INC.

DATE : 3-31-94

3/94

Technical Data

Container Coatings Division

CUSTOMER: J.L. CLARK

AKZO CODE: 222-Y27-2008 PRODUCT NAME: L.F. BRIGHT YELLOW

CUSTOMER CODE: COLOR: YELLOW

SUGGESTED USE: EXTERIOR TUBE ENAMEL

PHYSICAL DATA

Non-Volatiles (Vol.)	63.47 +- 2%	Resin Type	POLYESTER
Non-Volatiles (Wt.)	75.3 +- 2%	Solvents	AROMATIC
Weight Per Gallon	11.27 +- .25 LBS	V.O.C (ASTM #D 3960-89)	2.5 +- .25 LBS
*Viscosity	95 +- 5 K.U.	Lube	NONE
Flash Point	109°F	Specific Gravity	

APPLICATION DATA

Substrate TFS ____ ETP ____ Other *1

Recommendations

Film Weight mg sq in ____ ____ 26 +- 4

Application Viscosity AS REQUIRED

Cure Speed

Bake 330 PMT °F Metal Temp For 2 MINUTES

Alternate Bake ____ °F Metal Temp. For ____

*Method of Application ____ Rollcoat ____ Spray ____ Coil *2 Other

Method of Reduction ____ Heat S100 Solvent

Thinners for Clean-Up MEK/S100 50/50 BLEND

ADDITIONAL INFORMATION

Mixing & Storing Instructions: Mix well before using. Recommend to use product in 6 months or less

Store at 77°F or below for maximum stability.

FDA status: ____ Yes X No Process: ____ Yes X No ____ Limited*

*COMMENTS

*1 EXTRUDED ALUMINUM TUBES

*2 PIN COATER

VISCOSITY IS RUN ON A STORMER AT 77°F. THIS IS A TENTATIVE DATA SHEET FOR TRIAL PURPOSES.

DATE OCTOBER 18, 1993

SIGNATURE Jim Courte

This technical information is offered solely for your evaluation. Akzo Coatings Inc. makes no warranty nor assumes legal liability for results based upon use of our data and suggestions. Disclosure of ideas contained herein is neither authorization to operate under no recomendation to infringe any patents.

AKZO NOBEL

Technical Data

Container Coatings Division

CUSTOMER Akzo Nobel Coatings Inc.

AKZO CODE 222-R27-2012 PRODUCT NAME J.L.C. Rose

CUSTOMER CODE _____ COLOR Rose

SUGGESTED USE Exterior Coating for Collapsible Tubes

PHYSICAL DATA

Non-Volatiles (Vol.) 61.82 +- 2.00% Resin Type Polyester

Non-Volatiles (Wt.) 75.52 +- 2.00% Solvents Aromatic, Alcohol

Weight Per Gallon 11.80 +- 0.20 V.O.C. (ASTM #D 3960-89) 2.89

*Viscosity 95 +- 10 K.U. Lube Polyethylene

Flash Point 118 F Closed Cup Specific Gravity _____

Non-Volatiles (ASTM # D3960-89 76 +- 2

APPLICATION DATA

Substrate: TFS _____ ETP _____ Other *1

Recommendations

Film Weight: mg./sq. in _____ _____ 17.5-22.5

Application Viscosity 95 +- 10 K.U.

Cure Speed _____

Bake 320 °F Metal Temp. For 2 Minutes

Alternate Bake _____ °F Metal Temp. For _____

*Method of Application _____ Rollcoat _____ Spray _____ Coil *2 Other

Method of Reduction _____ Heat S-150 Solvent

Thinners for Clean-Up MEK

ADDITIONAL INFORMATION

Mixing & Storing Instructions: Mix well before using. Recommend to use product in 6 months or less.

Store at 77°F or below for maximum stability.

FDA status: ____ Yes X No Process: ____ Yes X No ____ Limited*

*COMMENTS: Viscosity Measured @ 77 F

*1 Extruded Aluminum Tubes

*2 Tube Coater

This TDS supersedes all previously dated TDS's.

DATE February 17, 1995

SIGNATURE _____

This technical information is offered solely for your evaluation. Akzo Nobel Coatings Inc. makes no warranty nor assumes legal liability for results based upon use of our data and suggestions. Disclosure of ideas contained herein is neither authorization to operate

Technical Data

Container Coatings Division

CUSTOMER: J.L. Clark

AKZO CODE: 375-Z27-5048

PRODUCT NAME: XB2666 Aluminum Tube Enamel

CUSTOMER CODE:

COLOR: Aluminum

SUGGESTED USE: Exterior Coating for Collapsible Tubes

PHYSICAL DATA

Non-Volatiles (Vol.)	29.33 +- 2.00%	Resin Type	Vinyl
Non-Volatiles (Wt.)	35.97 +- 2.00%	Solvents	Aromatic, Ketone
Weight Per Gallon	8.31 +- 0.20	V.O.C. (ASTM #D 3960-89)	5.31
*Viscosity	115 - 120 K.U.	Lube	None
Flash Point	105°F Closed Cup	Specific Gravity	

APPLICATION DATA

Substrate: TFS _____ ETP _____ Other *1

Recommendations

Film Weight: mg./sq.in. _____ _____ 1.25 +- 0.25 Mils

Application Viscosity: 115 - 120 K.U.

Cure Speed: _____

Bake: 300 °F Metal Temp. For 8 Minutes

Alternate Bake: _____ °F Metal Temp. For _____

*Method of Application: _____ Rollcoat _____ Spray _____ Coil *2 Other

Method of Reduction: _____ Heat Isophorone Solvent

Thinners for Clean-Up: MEK

ADDITIONAL INFORMATION

Mixing & Storing Instructions: Mix well before using. Recommend to use product in 6 months or less.

Store at 77°F or below for maximum stability.

FDA status: ____ Yes X No Process: ____ Yes X No ____ Limited*

*COMMENTS: Viscosity measured @ 77°F

*1 Extruded Aluminum Tubes

*2 Tube Coater

This TDS supersedes all previously dated TDS's.

DATE: June 20, 1994

SIGNATURE: _____

This technical information is offered solely for your evaluation. Akzo Coatings Inc. makes no warranty nor assumes legal liability for results based upon use of our data and suggestions. Disclosure of ideas contained herein is neither authorization to operate under no recomendation to infringe any patents.

AKZO NOBEL

Technical Data

Container Coatings Division

CUSTOMER Akzo Nobel Coatings

AKZO CODE 222-Y27-2011 PRODUCT NAME L.F. Desenex Yellow PMS 101

CUSTOMER CODE COLOR Yellow

SUGGESTED USE Exterior Coating for Collapsible Tubes

PHYSICAL DATA

Non-Volatiles (Vol.) 63.9 +- 2.00% Resin Type Polyester

Non-Volatiles (Wt.) 77.1 +- 2.00% Solvents Aromatic Alcohol

Weight Per Gallon 12.04 +- 0.20 V.O.C. (ASTM #D 3960-89) 2.75

*Viscosity 100 +- 5 k.u. Lube Polyethylene

Flash Point 136 F closed cup Specific Gravity

Non-Volatiles (ASTM # D3960-89 77 +- 2%

APPLICATION DATA

Substrate TFS ETP Other *1

Recommendations

Film Weight: mg. sq. in 21-24

Application Viscosity 100 +-k.u.

Cure Speed

Bake 320+-10 F Metal Temp. For 2 minutes

Alternate Bake F Metal Temp. For

*Method of Application Rollcoat Spray Coil *2 Other

Method of Reduction Heat S-150 Solvent

Thinners for Clean-Up MEK

ADDITIONAL INFORMATION

Mixing & Storing Instructions: Mix well before using. Recommend to use product in 6 months or less

Store at 77°F or below for maximum stability

FDA status: Yes X No Process Yes X No Limited*

COMMENTS: Viscosity measaured at 77 F.

*1 Extruded aluminum tubes

*2 Tube clear

This TDS superceded all previously dated TDS.

DATE 10-25-95

SIGNATURE Jim Cowie

Jim Cowie

AKZO NOBEL

Technical Data

Container Coatings Division

CUSTOMER: J.L. Clark

AKZO CODE: 375-E27-0006 PRODUCT NAME: Aluminum Additive

CUSTOMER CODE: COLOR: Aluminum

SUGGESTED USE: Use to aluminize clear coats

PHYSICAL DATA

Non-Volatiles (Vol.)	40.60 +- 2%	Resin Type	Vinyl
Non-Volatiles (Wt.)	45.60 +- 2%	Solvents	Keytone, Aromatic
Weight Per Gallon	8.11 - 115 k.u.	V.O.C (ASTM #D 3960-89)	4.42
*Viscosity		Lube	none
Flash Point		Specific Gravity	
Non-Volatiles (ASTM # D3960-89	45.6		

APPLICATION DATA

Substrate: TFS _____ ETP _____ Other *1

Recommendations

Film Weight: mg./sq. in *2 *2 *2

Application Viscosity *2

Cure Speed

Bake *2 °F Metal Temp. For _____

Alternate Bake _____ °F Metal Temp. For _____

*Method of Application *2 Rollcoat _____ Spray _____ Coil _____ Other

Method of Reduction _____ Heat _____ Solvent

Thinners for Clean-Up

ADDITIONAL INFORMATION

Mixing & Storing Instructions: Mix well before using. Recommend to use product in 6 months or less.

Store at 77°F or below for maximum stability.

FDA status: ____ Yes X No Process: ____ Yes X No ____ Limited*

*COMMENTS:

*1 - Extruded aluminum or tint tube.

*2 - This is an additive used with 374-C27-4033

This supercedes any previously dated TDS.

DATE 10-25-95

SIGNATURE Jim Cowie

Jim Cowie

This technical information is offered solely for your evaluation. Akzo Nobel Coatings Inc makes no warranty nor assumes legal liability for results based upon use of our data and suggestions. Disclosure of ideas contained herein is neither authorization to operate under nor recommendation to infringe any patents.

Admiral
Environmental
Services Inc.
2025 S. Arlington Heights Rd., Suite 103, Arlington Heights, IL 60005-4141 (708) 228-5355 Fax (7

Post-it® Fax Note 7671 | Date 5/25/94 | # of pages ▶ 1
To GLENN CECKANSKI | From DAN BLUM
Co./Dept. | Co. J. L. CLARK
Phone # | Phone # (708) 228-5355
Fax # (815) 962-0417 | Fax #

March 23, 1994

Sample Analysis

Lab No: 79-247

J. L. CLARK
DOWNERS GROVE, ILLINOIS

IDENTIFICATION OF MATERIAL:
Two (2) samples, identified as:

- EINN LAKE IT-404 SOLVENT BASED INK AS APPLIED 03-10-94
- MEHNERT & VEER IL-320-1528 SOLVENT BASED INK AS APPLIED 03-10-94

PROCEDURE:
The samples were analyzed as per 40 CFR Part 60 Method 24.

RESULTS:

Sample ID:	Volatile % by Wt.	Density (gm/mL)	VOC (lbs/gal)
EINN LAKE IT-404	66.61	0.98	5.46
MEHNERT & VEER IL-320-1528	60.94	1.04	5.28

Note: Interlaboratory Confidence Limits are listed in 40 CFR Part 60 as ± 7.5% of the % Water value, ± 4.7% of the % Volatile value and ± 0.002 gm/mL for Density.

By [signature]
David M. Caskey

DMC:clm

DATA SHEET

PRODUCT	DESCRIPTION:	Inside lacquer for collapsible tubes IT 404-077
	TYPE:	Epoxy-phenolic
	SUGGESTED USE:	Inside lacquering of collapsible tubes for pharmaceuticals and fluoride toothpaste.
SPECIFICATIONS	VISCOSITY DIN 4-20°C	25 ± 3 sec.
	DRY SOLIDS	34 ± 1%
	SPECIFIC GRAVITY	0.986 g/cm^3
	THINNER	Xylen:Propylenglycolether 1:1
	FLASH POINT	33°C
APPLICATION	METHOD	Spraying
	SURFACE	Aluminium
	COATING WEIGHT	3 - 6 mg/in^2
	FILM THICKNESS	5 - 10 microns
	CURING	230°C - 12 min. E-control
REMARKS	The lacquer is produced from raw materials which meet the requirements from BGA and FDA. It is important not to overcure the lacquer, because this will make it brittle. STORAGE STABILITY 3 months.	

N-3050 Mjøndalen, Norway · Tel. 3-87 67 90 · Telex 19746

Morton *International*

PRICE $18.90/GAL.

Specialty Chemicals Group
Industrial Coatings
CN 6008
North Brunswick, New Jersey 08902-1697
(908) 545-9601

PRODUCT DATA SHEET

METAL DECORATING COATING

DESCRIPTION: 1090-21HV INTL LAC25"VISC
WKR CODE: 380C11
CUSTOMER CODE:

LIQUID PROPERTIES:

WEIGHT/GALLON: 7.87 ± .20 LB/GAL
VISCOSITY: 24-26"#4 FORD
% SOLIDS:(THEO) 21.93 ± 1.5% BY WEIGHT 15.89 ± 1.5% BY VOLUME
COVERAGE PER GAL: @ FILM WEIGHT
V.O.C.:(THEO) 6.100 LB/GAL FLASH POINT 33 F TCC

APPLICATION PROPERTIES:

METHOD: SPRAY
VISCOSITY: AS PACKAGED
THINNER: CYCLOHEXANONE
SUBSTRATE: ALUM TUBE
METAL PREPARATION: COMMERCIALLY CLEAN
BASECOAT/SIZE:
BAKE SCHEDULE: 10'@450F
WASH-UP:
SPECIAL INSTRUCTIONS:

FILM PROPERTIES:

FILM WEIGHT: 25-35 MG/4SQIN
HARDNESS:
CURE: 100+ MEK RUBS
FLEXIBILITY: COLD CRUSH TST
GLOSS: @ 60 @ 85
IMPACT:
OTHER:
RECOMMENDED USES: INTERIOR ALUMINUM TUBES/AEROSOL CANS
CONTAINS NO LUBRICANT X CONTAINS X NO LEAD BY WEIGHT
PREPARED FOR:
PREPARED BY: _____ DATE: 8/25/92

r best results, use within three months of receipt. Store above 40F and below 100F. Product may settle on aging. Mix before use.
not contaminate with foreign materials.

e information contained herein is to the best of [illegible]

Morton

Morton Industrial Coatings

March 31, 1994

Mr. Glenn Ceckowski
J.L. Clark
2300 Sixth Street
P.O. Box 7000
Rockford, Illinois 61125

Dear Glenn:

Per your request, this letter is to certify that the below listed solvent based products were tested in accordance with ASTM D2369-87.

380C11	1090-21HV	B#35088	6.29 VOC	7.66 Lbs./Gals.
380C11	1090-21HV	B#34879	6.04 VOC	7.77 Lbs./Gals.

Please note that the VOC is "as applied" without additional thinning.

Unfortunately, one of the retains was consumed making it impossible to do a 1:1 blend. However, we estimate the VOC to be 6.16 and the wt./gl. to be 7.71 when combined.

If we can be of any further assistance, please call.

Very truly yours,

MORTON INTERNATIONAL, INC.
North Brunswick Facility

Stephen M. Rendek Jr. (P.K.)

Stephen Rendek
Manager Quality Assurance
Lab Manager

SR/pk

The Spectrum of Technology

PRODUCT NAME: COLLAPSIBLE TUBE ENAMEL

REX NUMBER: 672 W C18

PRODUCT DESCRIPTION

672 W C18, is a solution vinyl type coating with excellent metal wetting and flexibility.

ADVANTAGES

- Untreated aluminum.
- Flexibility.

CHARACTERISTICS

WEIGHT/GALLON	11.47 ± .25 Lbs.
VOLUME SOLIDS	37 ± 2%
WEIGHT SOLIDS*	59 ± 2%
VOLATILE BY WEIGHT**	41 ± 2%
VISCOSITY @ 77°F #3 S-W CUP	240 Seconds
APPLIED DFT	1.0 Mils
FLASH POINT	95°F

APPLICATION

REDUCTION:

The best reducing solvent is isophorone.

This provides optimum metal wetting and flow out.

CURE SCHEDULE:

Six minutes at 300°F to peak metal temperature on untreated "Q" panels.

GLOSS: 75% Minimum @ 60° Photovolt

PERFORMANCE

This material should be stored indoors below 100°F.

* The solid portion of this coating breaks down to:

NVM Organic: 38% + 2%
NVM Inorganic: 62% ∓ 2%

** All of the volatile portions of this coating consists of organic materials.

DBW/AWSTC
9/30/88
jlv (ds#15)

NOTE: The information, ratings and opinions stated above pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application which are not known or under our control, The Sherwin-Williams Company cannot make any warranties or guarantees as to the end results

SHERWIN WILLIAMS CHEMICAL COATINGS

11541 S. Champlain Ave., Chicago, IL 60628

The Sherwin-Williams Company
347 Maid Marion South
Schererville, IN 46375
Phone: (219) 322-3906
Beeper: (414) 471-4319

March 23, 1994

Mr. Glenn Ceckowski
J. L. Clark
2300 Sixth St.
P.O. Box 7000
Rockford, IL 61125

RE: V.O.M. of Sherwin-Williams White Solution Vinyl - G72 W C18
ASTM - 2369-90 = 4.84 lbs/gal. VOC 60 min @ 230°F.
weight: 11.28 lbs/gal, NVM 57% ;

Dear Glenn,

As you requested in your letter of 3/10/94, please find enclosed our test results on the subject material.

We believe the letter as written covers all the points you requested. If you have additional questions or we can be of additional assistance, please let me know.

Sincerely,

D. Moit

Dan Moit
Sales Representative

DM/sdl

cc: Mr. Jim Klotz (J. L. Clark); D. Scherrer (S-W); D. Gellert (S-W)

Enc.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

COATING SUPPLIER ENVIRONMENTAL DATA SHEET

Coating Manufacturer: The Valspar Corporation

Coating Code Number: 5061041

As Supplied To: J L CLARK COMPANY

PROPERTIES

1.	Coating Density: Standard Wt/Gal Cup	8.03 lb/gal.		0.96 kg/l
2.	Solvent System (Volatiles) Calculated Density:	7.32 lb/gal.		0.88 kg/l
3.	Organic Solvent Density:	7.32 lb/gal.		0.88 kg/l
4.	Coating Solids (Non Volatiles): ASTM 2369-86	a.	34.55	Weight Percent
		b.	28.20	Volume Percent
5.	Total Volatiles (H2O Included): ASTM 2369-86	a.	65.45	Weight Percent
		b.	71.80	Volume Percent
6.	Total Organic Volatiles: (Less H2O)	a.	65.45	Weight Percent
		b.	71.80	Volume Percent
7.	Coating Water Content:			
	a. Water Content as Charged	a.	0.00	Weight Percent
	b. Calculated	b.	0.00	Volume Percent
8.	VOC Content: * (Coating less Water)	5.26 lb/gal.		0.63 kg/l
	(Solids)	18.64 lb/gal.		2.24 kg/l

* Note: The VOC as reported is for the coating as supplied, and is an average for batches produced. Diluting the coating with organic solvents at the point of application will alter the VOC level. Consult your Valspar Sales Representative for additional information in such cases.

Signed: Eric C. Ritterson Date: 01-11-94

TO: GLEN
966-5823

The Valspar Corporation
PACKAGING COATINGS DEPARTMENT
2000 WESTHALL STREET
PITTSBURGH, PENNSYLVANIA 15233

TECHNICAL DATA SHEET

CODE S-5061-041

FILM COLOR Gold **TYPE** Modified Epoxy

SUGGESTED USE Lining for Pharmaceutical Tubing

SPECIFICATIONS (AS MANUFACTURED)			
VISCOSITY #4 F.C.@ 80°F	35-45 sec.	VOC 5.26 by ASTM	2369-86
SOLIDS (% by weight)	35.0 ± 1.0	ASTM SOLIDS (% by weight)	34.55
WEIGHT PER U.S.GALLON (Lbs.)	8.03 ± 0.06	ASTM SOLIDS (% by volume)	28.40

APPLICATION SUGGESTIONS	
SURFACE	Aluminum
PREPARATION	Commercially Clean
COATING WEIGHT	28 - 36 mgs./4 sq.in.
METHOD	Spray
SUGGESTED THINNER	1/1 Butyl Cellosolve/MIBK
"WASH-UP" SOLVENT(S)	1/1 Butyl Cellosolve/MIBK
BAKE (Time@PMT)	8 minutes @ 450°F

SPECIAL INSTRUCTIONS

A gold epoxy with excellent adhesion,flexibility and corrosion resistance.

WHEN PROPERLY BAKED MEETS FDA 175.300 YES ☒ NO ☐

CONTAINS LUBRICANT YES ☐ NO ☒ | **SHELF LIFE** 12 Months @ 80°F

SUBMITTED TO

COMPANY J.L. Clark **ATTENTION** Bill Pryne

ADDRESS Downers Grove, IL

SUBMITTED BY U.L. Walser **DATE** 8-2-91

The information contained herein is based on tests and reports considered reliable but is presented without guarantee or responsibility as to the applicability or correctness of this information or the suitability of our products whether used singly or in combination with other products. The products referred to above are sold without warranty, express or implied.

9/90

WATSON STANDARD

PROTECTIVE COATINGS

Technical Data

Sample Request No.:	TDS ONLY	Spec. No.:	34-847
J L CLARK MFG CO		Date:	09/14/95
Attn.:	Mr. Glenn Ceckowski	Page:	1

Product:	Gold Coating
Code:	10-084-A
Suggested Use:	Coating for Metal
Type Coating:	Phenolic
Solids (Weight): ASTM D-2369-93	25.5 +/- 2.0%
Viscosity:	17" +/- 2" @ 77F - #4 Ford Cup
Wt./Gal,:	7.89 +/- 0.1 lbs.
VOC:	5.9 lbs./gal.
Flash Point: Pensky-Martens Closed Cup	98F - ASTM D93-85
Surface:	Aluminum Alloy, Tin Tubes
Application:	Flush or Spray
Recommended Reduction:	None
Suggested Film Thickness:	6-8 mgs./4 sq. in.
Cure Schedule:	Bake: 375F for 10' Peak Metal Temperature

Pertinent Information:
MIX WELL BEFORE USING
Use within six months of manufacture date

This technical data sheet is derived from actual production history, using recognized statistical methods and is subject to revision based on continued process refinement.

The information concerning Watson Standard's coating contained in this technical data sheet is taken from the results of tests conducted in our laboratory under normal laboratory conditions. Different results might be obtained in commercial use of this coating under factory or field conditions. WATSON STANDARD MAKES NO WARRANTY THAT THE RESULTS REPORTED IN THIS TECHNICAL DATA SHEET WILL BE OBTAINED IN COMMERCIAL USE OR FIELD CONDITIONS. ALL SALES OF WATSON STANDARD COATINGS ARE MADE SUBJECT TO WATSON STANDARD'S NORMAL TERMS AND CONDITIONS OF SALE, WHICH ARE STATED IN WRITING ON WATSON STANDARD'S ORDER FORM.

WATSON STANDARD

PROTECTIVE COATINGS

Technical Data

Sample Request No.:	TDS ONLY	Spec. No.:	34-848
J L CLARK MFG CO		Date:	09/14/95
Attn.:	Mr. Glenn Ceckowski	Page:	1

Product:	Gold Coating
Code:	10-084-CF
Suggested Use:	Coating for Metal
Type Coating:	Phenolic
Solids (Weight): ASTM D-2369-93	25.5 +/- 2.0%
Viscosity:	17" +/- 2" @ 77 F. - #4 Ford Cup
Wt./Gal,:	7.90 +/- 0.2 lbs.
VOC:	5.9 lbs./gal.
Flash Point: Pensky-Martens Closed Cup	98 F. - ASTM D93-85
Surface:	Aluminum Alloy, Tin Tubes
Application:	Flush or Spray None Required
Recommended Reduction:	None
Suggested Film Thickness:	6-8 mgs./4 sq. in.
Cure Schedule:	Bake: 375 F. for 10' Peak Metal Temperature

Pertinent Information:
MIX WELL BEFORE USING
Use within six months of manufacture date

This technical data sheet is derived from actual production history, using recognized statistical methods and is subject to revision based on continued process refinement.

The information concerning Watson Standard's coating contained in this technical data sheet is taken from the results of tests conducted in our laboratory under normal laboratory conditions. Different results might be obtained in commercial use of this coating under factory or field conditions. WATSON STANDARD MAKES NO WARRANTY THAT THE RESULTS REPORTED IN THIS TECHNICAL DATA SHEET WILL BE OBTAINED IN COMMERCIAL USE OR FIELD CONDITIONS. ALL SALES OF WATSON STANDARD COATINGS ARE MADE SUBJECT TO WATSON STANDARD'S NORMAL TERMS AND CONDITIONS OF SALE, WHICH ARE STATED IN WRITING ON WATSON STANDARD'S ORDER FORM.

TUBE COATINGS AND DECO MATERIALS

CODE #	DESCRIPTION	SUPPLIER	CHEMICAL BASE		ANNUAL USAGES (gallons) 1997	1996	1995	1994	1993
generic	DECORATION INKS	INX, Inc.	oil based alkyd and polyester "NOVAR" inks		1298 (lbs)	1266 (lbs)	?	1237 (lbs)	?
		Sun Chemical	oil based alkyd inks						
SOLVENTS									
4000010	MEK	Petro Products			715	831	987	1132	1092
4000020	DB ACETATE	Petro Products			55	0*	450	190	525
4000030	EB ACETATE	Petro Products			55	55*	919	197	134
4000040	660 SOLVENT	Petro Products			3300	3465	4070	4049	4176
4000050	MINERAL SPIRITS	Petro Products			55	110	110	195	75
4000070	150 SOLVENT	Petro Products			70	55	110	30	5
4023000	2300 REDUCER	Petro Products			-	-	-	60	282
EXTERIOR COATINGS									
4122000	222-R27-2012	Akzo	Rose enamel	Polyester base	51	108	102	258	-
4122027	220-W27-1024	Akzo	White Polyester	major white enamel	5430	6088	6842	5918	4393
4137840	375-W27-5026	Akzo	White Vinyl		98	-	277	35	-
4138170	375-W27-5029	Akzo	White Peel coating		23	30	-	31	40
4180754	VL8M80754	Akzo	Blue Peel coating		-	-	-	30	15
4182008	222-Y27-2008	Akzo	Bright Yellow		94	270	311	314	19
4182011	222-Y27-2011	Akzo	Desenex Yellow	Polyester base	40	203	226	114	189
4200115	375-W27-5017 (XR-1215)	Akzo	White Vinyl enamel	small usage	18	-	-	23	60
4200064	374-C27-4033 (XR-3164)	Akzo	Clear Vinyl enamel		55	-	47	80	45
4200048	375-Z27-5048 (XB2666)	Akzo	Vinyl Aluminum coating		-	-	-	24	-
4200049	375-E27-0006	Akzo	Aluminum additive	Vinyl base	-	24	24	5	-
4122030	379W141	Morton	White Polyester	1997 test material	963	-	-	-	-
misc.	379Y61	Morton	Combe Yellow enamel	polyester base	55	-	-	-	-
4172180	G72WC18	Sherwin Williams	White Vinyl enamel	?	-	-	-	669	
INTERNAL LININGS									
4200023	374-C27-5020 (H-23)	Akzo	epoxy phenolic	not FDA 175.300	373	289	673	1222	1331
4200040	IT-404-077	EianLakk, Norway	epoxy phenolic	FDA ?	-	275	-	250	1060
4200061	S5061-041	Valspar	gold epoxy phenolic	yes FDA 175.300	45	150	-	220	-
4200085	10-084-CF	Watson Standard	gold phenolic	yes FDA 175.300	680	822	1100	1175 (A)	880 (A)
4201090	PE1090-21HV	Morton	epoxy phenolic	yes FDA 175.300	110	312	652	217	-
4238466	S-3846-044	Valspar	gold epoxy phenolic	FDA ?	50	-	-	107	56
misc.	IL-320-1528	Mehnert & Veeck	pigmented epoxy phenolic		-	-	-	-	-
misc.	J454	Kolack	pigmented epoxy phenolic		-	-	-	-	30
misc.	J3024	Kolack	gold epoxy amine		-	-	-	-	30
misc.	40-391-F	Watson Standard	gold polyurethane	not FDA 175.300	10	-	10	-	-
misc.	28-733	Watson Standard	epoxy phenolic	yes FDA 175.300	10	-	-	-	-
misc.	374-C27-0100	Akzo	epoxy phenolic	FDA for C27-5020	-	-	10	-	-
SEALANTS									
4300012	AMR-12	Grace Container	Hot Melt Wax	yes FDA 175.300	1980 (lbs)	1782 (lbs)	2640 (lbs)	2761 (lbs)	3444 (lbs)
4300013	SP-1103	Strahl & Pitsch	Hot Melt Wax	yes FDA 175.300	628 (lbs)	3130 (lbs)	1100 (lbs)	3272 (lbs)	5404 (lbs)
4400031	DAREX B-31F	Grace Container	Tube Cold Seal		70	60	65	25	15
4400313	DAREX 313	Grace Container	Tube Cold Seal		255	165	110	270	200
misc.	DAREX W9115	Grace Container	Tube Cold Seal	test material 11/96	-	5	-	-	-
misc.	DS T 57	Watson Standard	Tube Cold Seal	test material	-	-	-	-	-

05/15/97 J. L . CLARK TUBE DIVISION

from Glenn Feb '98

TUBE COATINGS AND DECO MATERIALS

CODE #	DESCRIPTION		SUPPLIER	CHEMICAL BASE		ANNUAL USAGES (gallons) 1997 1996	1995	1994	1993
generic	DECORATION INKS	1298	INX, Inc.	oil based alkyd and polyester "NOVAR" inks		1266 (lbs)	?	1237 (lbs)	?
			Sun Chemical	oil based alkyd inks					
SOLVENTS									
4000010	MEK	715	Petro Products			831	987	1132	1092
4000020	DB ACETATE	55	Petro Products			0*	450	190	525
4000030	EB ACETATE	55	Petro Products			55*	919	197	134
4000040	660 SOLVENT	3300	Petro Products			3465	4070	4049	4176
4000050	MINERAL SPIRITS	55	Petro Products			110	110	195	75
4000070	150 SOLVENT	70	Petro Products			55	110	30	5
4023000	2300 REDUCER	-	Petro Products			-	-	60	282
EXTERIOR COATINGS									
4122000	222-R27-2012	51	Akzo	Rose enamel	Polyester base	108	102	258	-
4122027	220-W27-1024	5430	Akzo	White Polyester	major white enamel	6088	6842	5918	4393
4137840	375-W27-5026	98	Akzo	White Vinyl		-	277	35	-
4138170	375-W27-5029	23	Akzo	White Peel coating		30	-	31	40
4180754	VL8M80754	-	Akzo	Blue Peel coating		-	-	30	15
4182008	222-Y27-2008	94	Akzo	Bright Yellow		270	311	314	19
4182011	222-Y27-2011	40	Akzo	Desenex Yellow	Polyester base	203	226	114	189
4200115	375-W27-5017 (XR-1215)	18	Akzo	White Vinyl enamel	small usage	-	-	23	60
4200064	374-C27-4033 (XR-3164)	55	Akzo	Clear Vinyl enamel		-	47	80	45
4200048	375-Z27-5048 (XB2666)	-	Akzo	Vinyl Aluminum coating		-	-	24	-
4200049	375-E27-0006	-	Akzo	Aluminum additive	Vinyl base	24	24	5	-
misc.	4122030 379W141	963	Morton	White Polyester	1997 test material	-	-	-	-
misc.	~~379W78~~	-	Morton	White Vinyl enamel	old formula	-	-	-	2858
4172180	G72WC18	-	Sherwin Williams	White Vinyl enamel	?		-	669	
INTERNAL LININGS									
4200023	374-C27-5020 (H-23)	373	Akzo	epoxy phenolic	not FDA 175.300	289	673	1222	1331
4200040	IT-404-077	-	ElanLakk, Norway	epoxy phenolic	FDA ?	275	-	250	1060
4200061	S5061-041	45	Valspar	gold epoxy phenolic	yes FDA 175.300	150	-	220	-
4200085	10-084-CF	660	Watson Standard	gold phenolic	yes FDA 175.300	822	1100	1175 (A)	880 (A)
4201090	PE1090-21HV	110	Morton	epoxy phenolic	yes FDA 175.300	312	652	217	-
4238466	S-3846-044	50	Valspar	gold epoxy phenolic	FDA ?	-	-	107	56
misc.	IL-320-1528	-	Mehnert & Veeck	pigmented epoxy phenolic		-	-	-	-
misc.	J454	-	Kolack	pigmented epoxy phenolic		-	-	-	30
misc.	J3024	-	Kolack	gold epoxy amine		-	-	-	30
misc.	40-391-F	10	Watson Standard	gold polyurethane	not FDA 175.300	-	10	-	-
misc.	28-733	10	Watson Standard	epoxy phenolic	yes FDA 175.300	-	-	-	-
misc.	374-C27-0100	-	Akzo	epoxy phenolic	FDA for C27-5020	-	10	-	-
SEALANTS									
4300012	AMR-12	1980	Grace Container	Hot Melt Wax	yes FDA 175.300	1782 (lbs)	2640 (lbs)	2761 (lbs)	3444 (lbs)
4300013	SP-1103	628	Strahl & Pitsch	Hot Melt Wax	yes FDA 175.300	3130 (lbs)	1100 (lbs)	3272 (lbs)	5404 (lbs)
4400031	DAREX B-31F	70	Grace Container	Tube Cold Seal		60	65	25	15
4400313	DAREX 313	255	Grace Container	Tube Cold Seal		165	110	270	200
misc.	DAREX W9115	-	Grace Container	Tube Cold Seal	test material 11/96	5	-	-	-
misc.	DS T 57	-	Watson Standard	Tube Cold Seal	test material	5	-	-	-

Morton 379461 yellow combe 55

TUBE DIVISION INTERNAL LININGS
CHEMICAL RESISTANCE AND PRODUCT COMPATIBILITY INFROMATION

374-C27-5020 (H-23	Akzo	epoxy phenolic	excellent adhesion and flexibility good resistance to; acid, alcohols, salts, amines, low alkaline materials
IT-404-077	EianLakk, Norway	epoxy phenolic	excellent adhesion and flexibility good resistance to; salicylic acids, salts, amines, alcohols
S5061-041	Valspar	gold epoxy phenolic	suspect flexibility and adhesion good resistance to; alcohols, minor acids, low alkaline materials
10-084-CF	Watson Standard	gold phenolic	poor flexibility, adequate adhesion good resistance to; salts, strong acids, solvent based materials
PE1090-21HV	Morton	epoxy phenolic	excellent flexibility and adhesion good resistance to; minor acids, alcohols, salts, amines, low alkaline materials
S-3846-044	Valspar	gold epoxy phenolic	unknown
IL-320-1528	Mehnert & Veeck	pigmented epoxy phenolic	European hair care product lining no success with J.L.Clark application to hair care customers
J454	Kolack	pigmented epoxy phenolic	no uses since 1994 trial
J3024	Kolack	gold epoxy amine	no uses since 1994 trial
~~40-391-F~~	Watson Standard	gold polyurethane	shows good compatibility against ammonia based hair care products ~~no other~~ uses in 1997 – Combe J. Lancaine 6/06/97
28-733	Watson Standard	epoxy phenolic	no info – Combe Trial 6/05/97
374-C27-0100	Akzo	epoxy phenolic	FDA 175.300 version of the C27-5020, and same physical characteristics
AMR-12	Grace Container	Hot Melt Wax	very neutral, good resistance to; salts, acids, alkalines
SP-1103	Strahl & Pitsch	Hot Melt Wax	very neutral, good resistance to; solts, acids, alkalines
DAREX B-31F	Grace Container	Tube Cold Seal	
DAREX 313	Grace Container	Tube Cold Seal	
DAREX W9115	Grace Container	Tube Cold Seal	good compatibility against Propylene Glycol products
DS T 57	Watson Standard	Tube Cold Seal	new supply 1997

93 CRTK

SCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	LB/UNIT	TOTAL LBS.	MAXIMUM ON HAND
MEK	190	50	67	69	36	110	130	123	42	75	95	105	1092	6.73	7,349	740
COL ETHER DB	80	10	120	5	10	65	65	120	20		25	5	525	8.18	4,295	532
COL ETHER EB				10	15	94	15						134	7.85	1,052	471
SOLVENT	100	215	355	229	340	136	580	690	440	321	440	330	4176	7.01	29,274	1928
ERAL SPIRITS							20		55				75	6.49	487	422
CHLOR 111							10						10	10.82	108	379
SOLVENT					5								5	8.22	41	41
YL REDUCER	30	35	35	13	7		95	17	5		5	40	282	7.61	2,146	495
-WC-18	200	96	211	84	351	148		117	93	66	74	44	1484	11.56	17,155	3179
TON 379W78	65	180	160	410	200	143	1250	425		25			2858	12.53	35,811	3446
-W27-1024			128	504	141	121	68	125	1046	638	646	976	4393	11.82	51,925	4551
-W27-5029 PEEL				8	7		13				12		40	9.57	383	335
M-80563A PMS 102			19										19	10.24	195	195
M80754 BLUE PEEL										5	5	5	15	9.59	144	329
M82026 YELLOW		58	10		50		3			3	48	17	189	11.69	2,209	643
164 CLEAR		20			15						10		45	8.05	362	443
-23	54	45	54	13	227	162	246	61	137	74	169	89	1331	7.52	10,009	2069
404 EIANN LAKKE	15	25	765	14	31		35	30	35	10	36	64	1060	8.20	8,692	3608
. 10-084A	110	35	165	106	14		150	55	45	110	45	45	880	7.49	6,591	1648
CK WHITE POLY	55								8	12	14	6	95	7.49	712	438
1215 LINING	3	1		18	2		1			17	5	13	60	8.07	484	363
PAR S-3846-044		22		2			22		10				56	7.90	442	583
103 WAX	366	638	1139	923	362		780		11	925	260		5404	1.00	5,404	1550
12 WAX		127			173		1419		978	186	561		3444	1.00	3,444	1241
F COLD SEAL	5						5				3	2	15	9.15	137	320
X 313 COLD SEAL	12	19	21				56	20	20		21	31	200	9.32	1,864	466

14

4/8/94 Tube Division - VOM

		Density (lb/gal)	VOM (lb/gal)	Thinning
AKzo:				
✓	375-W27-5017 (XR 1215) (Lining)	7.757	5.929	1 gal ME
✓	220-W27-1024 (poly white)	11.859	3.103	none
✗ ★	222-Y27-2008 (New Poly Yellow)	11.789	2.027	none
✓	374-C27-4083 (XR 3164) Clear	8.085	6.117	none
✓	375-W27-5029 Peel	9.410	5.444	none
✓	375-Y27-5026 (VY8M80563) PMS 1235	10.12	5.366	none
✓	VL8M80754 Blue Peel	8.782	5.236	none
✓	375-Y27-5044 (VY8M82026) Yellow	11.65	4.762	none
✓	374-C27-5020 (H-23) (Lining)	7.488	6.298	2qt. Glyc Ether EB
Admiral:				
✓	Gunn Lakke IT-404	0.98 (g/mL) (8.18 lb/gal)	5.46	1 qt. Glyc Ether E
✗	Mehert & Veek IL-320-1528	1.04 (g/mL) (8.68 lb/gal)	5.28	1 gal Cellosol
Watson Standard:				
✓	10-084-A	7.87	5.80	none

J.L.CLARK
a member of the CLARCOR consumer products group

April 1st deadline for supplier — April 8th deadline for us VOM TESTING p.2 F162.1

DOMESTIC ENAMELS

220-W27-1024 Akzo polyester white, straight, VOC 2.5, +7'viscosity

? *222-Y27-2008 Akzo polyester yellow, straight, VOC 2.5, +7'viscosity

XR3164 Akzo clear polyester, no data, maybe 5 gallons in stock

79W78 Morton polyester white, discontinued use 1993, straight, VOC 2.9

G72-WC-18 Sherwin Williams vinyl white, straight, VOC 4.7, +6'viscosity

*G72-W-21 Sherwin Williams polyester white, discontinued use, striaght, +7'viscosity, VOC 2.5

Assorted colored enamels, no data add 4 Akzo materials

DOMESTIC INTERNAL LININGS

H-23 Akzo epoxy-phenolic, 4-1/2 gal add 2 qts Glycol Ether EB, 20" viscosity

XR1215 Akzo epoxy-phenolic, 4 gal add 1 gal MEK, 20" viscosity

1090-21HV Morton epoxy-phenolic, straight, 2 drums in stock, 20" viscosity contact Morton for MSDS

S-3846-044 Valspar epoxy-phenolic, VOC 5.1, 3-3/4 gal add 5 qts Glycol Ehter EB, 20" viscosity

10-084A Watson Standard epoxy-phenolic, straight, 24" viscosity

non-DOMESTIC MATERIALS

IT-404 Eiann Lakke epoxy-phenolic, 4-3/4 gal add 1 qt Glycol Ether EB, 22" viscosity

IL320-1528 Mehnert & Veeck epoxy-phenolic, 4 gal add 1 gal Glycol Ether EB, 20" viscosity

Kolack white polyester, no data instock?
40-11

*J3024 Kolack epoxy-phenolic, test material, no reliable data

*J454 Kolack epoxy-phenolic, test material, no reliable data

Certify each material on seperate document.

need documentation for point that the VOC numbers are as J.L.C. runs them after thinning.

specify solvent based

Enamels

G72-WC-18 : Sherwin Williams, vinyl ~~discontinued use~~ 1 drum VOC 4.7

G72W-21 : Sherwin Williams polyester VOC 2.5, discontinued use n

379W78 : Morton International, discontinued use none
VOC 2.9

220-W27-1024 : AKzo, Inc., primary white enamel V.O.C. 2.5
150 solvent only on rollers after shutdowns

Colored Enamels: Low usage on some

222-Y27-2008 : AKzo yellow polyester, (drum?) current
VOC 2.5

Internal Linings:

XR3164 Clear : AKzo Inc. external maybe five gallons in stor

H-23 : AKzo Inc, epoxy phenolic lacquer (drums)
4½ gal. add 2 qts. EB acetate

XR1215 : AKzo Inc. 15 gall
4 gal add 4 qts. MEK

purge the lines with MEK

IT-404 : Eiann Lakke, epoxy phenolic lacquer (drum)
4¾ gal add 1 qt. EB Acetate

DB Acetate

D-084A : Watson Standard, epoxy phenolic lacquer (drum)
straight

S-3846-044 - Valspar, epoxy phenolic lacquer (drum)
3¾ gal. add 5 qt. EB Acetate VOC 5.1 as received

Test Materials

1090-21HV : Morton epoxy phenolic straight
2 drums instock one 16 secs and one 22 secs #4 Ford
they mix 1:1 to get about 18-20 secs.

320-1528 : Menert & Veeck (5 gals.) VOC not specified on

4 gal. add 1 gallon EB Acetate

Kolack white polyester : discontinued (5 gals?)

10/23/95
1994 CRTX
TUBE DIVISION DECO USAGE

		UNIT	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	TOTAL	MAX. ON HAND
4000010	MEK	GL	42	40	190	105	80	85	145	86	130	130	45	55	1132	230
4000020	DB ACETATE	GL	5	55	35		10		25	10	30	10	10		190	110
4000030	EB ACETATE	GL	6	20	15	5	25		25	10	45	20	26		197	110
4000040	660 SOLVENT	GL	224	575	370	355	75	480	355	405	445	305	185	275	4049	300
4000050	MINERAL SPIRITS	GL		15	20		85	5	20	5	15	10	20		195	80
4000070	150 SOLVENT	GL		5		5				5			15		30	50
4023000	2300 REDUCER	GL				25				5			30		60	40
4122000	222-R27-2012 ROSE	GL					33	25	35	38	37	85	5		258	125
4122027	220-W27-1024 POLYESTER	GL	540	420	558	342	400	385	585	614	696	440	511	528	5918	355
4137840	375-W27-5026 VINYL	GL														35
4138170	375-W27-5029 PEEL	GL	5	6			15						5		31	58
4172180	OY2WC18 VINYL	GL	56	75	44	45	82	90	109	50	95	23			669	203
4180754	VL8N80754	GL	5	10	5				5	5					30	80
4182008	222-Y27-2008 BR. YELLOW	GL		56	126		35		30	10	24	30	33		344	145
4182011	222-Y27-2011 DES. YEL	GL			24			44	28	38	2			10	144	84
4200023	H-23 (C27-5020)	GL	160	140	60	123	100	72	203	16	73	85	190		1222	308
4200040	IT-404	GL	15	30	20	45	10	40	10	25	20	15	20		250	290
4200048	375-Z27-5048 XB2666 ALU	GL										3	4	17	24	13
4200049	375-Z27-0006 AL ADD	GL											5		5	5
4200061	Uniplex S5061-041	GL			2	1	32	50	15	45	30	40	5		220	195
4200064	374-C27-4033 XB3164 CLR	GL			5		4	2	5		7	15		42	80	30
4200084	W. - 10-084-A	GL	105	70	175	90	115	130	5		125	75	65	220	1175	280
4200115	XR-1215 (W27-5074)	GL	2		4	5	1		7			4			23	38
4200140	2-3 Scale	GL														
4201090	Morton - PE1090	GL		80		30	27	5		29	46				217	110
4238466	Uniplex 8-3846-044	GL			22	15	-15	10		7	38		30		107	110
4300012	AKR-12 wax	LB	726		129	300	132			693	429	362			2761	990
4300011	SP-1103 wax	LB	520		728	628	154	378		784		100			3272	1350
4400031	B-318	GL	5						10	5		5			25	35
4400313	DAREX 313-cold seal	GL	20	35	30	25	25	25	30	10	35	5	20	10	270	55

375-Y27-5044 - Yellow

internal Lining S5061-041 27-36 mgs 450°F

35-45 secs 20 secs (Butyl Cellosolve/MIBK)

Post-it® Fax Note 7671	Date 10-23	# of pages ▶ 1
To Glen Cedrowski	From B. Payne	
Co./Dept.	Co.	
Phone #	Phone #	
Fax #	Fax #	

708 969 8823

J.L.CLARK
a member of the CLARCOR consumer products group

Date: April 8, 1994

To: Jim Klotz

By: Glenn Ceckowski GC.

Copies To: John Benton, Al Moore
Gordon VerWeyst

Reference: J.L.Clark - Tube Division

Subject: Volatile Organic Matter (VOM) Testing

F162

We have completed the investigation for VOM analysis of the coating materials utilized in 1993. The attached data sheets are the certification results from the material suppliers and independent laboratory for the VOM numbers. The following list consists of all the materials tested for this analysis.

1993 SUPPLIER IDENTIFICATION	J.L.CLARK IDENTIFICATION	DENSITY (LB/GAL)	VOM (LB/GAL)	THINNING PROCEDURE
Akzo				
220-W27-1024	220-W27-1024	11.859	3.103	none
374-C27-4033	XR-3164 clear	8.085	6.117	none
375-W27-5029	375-W27-5029 PEEL	9.410	5.444	none
375-Y27-5026	VY8M-80563A PMS102	10.120	5.366	none
VL8M80754	VL8M80754 Blue PEEL	8.782	5.236	none
375-Y27-5044	VY8M82026 Yellow	11.650	4.762	none
374-C27-5020	H-23 lining	7.488	6.298	2qt.Glycol Ether EB
375-W27-5017	XR-1215 lining	7.757	5.929	1 gal.MEK
Watson Standard				
10-084-A	W.S. 10-084A	7.87	5.80	none
Sherwin Williams				
G72WC18	G72-WC-18	11.28	4.84	none
Valspar				
3846-044	S-3846-044	7.84	5.72	5qt.Glycol Ether EB
Morton International				
379W78	Morton 379W78	12.58	2.98	none
Eainn Lakke IT-404		8.18	5.46	1qt.Glycol Ether EB

The Kolack A4823 White Polyester was not tested for VOM because we could not obtain a wet sample. The data sheet specifies this material to have 64% solids and a density of 10.85 lb/gal, and does not state a VOM number.

The following materials were not used during 1993 but will most likely show consumption for 1994 (all these materials were physically tested for VOM);

Akzo 222-Y27-2008 polyester yellow, density=11.789 lb/gal, VOM=2.027 lb/gal, no thinning

Mehnert & Veeck IL-320-1528, density=8.68 lb/gal, VOM=5.28 lb/gal, thinning=1 gal Butyl Cellosolve

Morton 1090-HV, density=7.71, VOM=6.16, thinning=special 1:1 blend

We hope this completes the VOM requirements for Tube Division. Please contact us if you have any questions.

J.L.CLARK
a member of the CLARCOR consumer products group

Date: April 8, 1994

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375-Y27-5026	VY8M-80563A PMS102	10.120	5.366	none
VL8M80754	VL8M80754 Blue PEEL	8.782	5.236	none
375-Y27-5044	VY8M82026 Yellow	11.650	4.762	none
374-C27-5020	H-23 lining	7.488	6.298	2qt.Glycol Ether EB
375-W27-5017	XR-1215 lining white vinyl	7.757	5.929	1 gal.MEK
Watson Standard				
10-084-A	W.S. 10-084A	7.87	5.80	none
Sherwin Williams				
G72WC18	G72-WC-18	11.28	4.84	none
Valspar				
3846-044	S-3846-044	7.84	5.72	5qt.Glycol Ether EB
Morton International				
379W78	Morton 379W78	12.58	2.98	none
Eainn Lakke IT-404		8.18	5.46	1qt.Glycol Ether EB

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Morton 1090-HV, density=7.71, VOM=6.16, thinning=special 1:1 blend

We hope this completes the VOM requirements for Tube Division. Please contact us if you have any questions.

V O C CERTIFICATION DATA SHEET

COATING MANUFACTURER: AKZO COATINGS INC.

COATING IDENTIFICATION: 222-Y27-2008

THIS COATING IS: SOLVENT BASED

SUPPLIED TO: J.L. CLARK

THE FOLLOWING PROPERTIES ARE: ACTUAL DETERMINATIONS ON COATING AS APPLIED

1. COATING DENSITY (ASTM D1475) 11.789 LB./GAL.
2. PERCENT VOLATILE MATTER (ASTM D2369) 17.195
3. VOLATILE ORGANIC CONTENT 2.027 LB./GAL.

SIGNED : Michael L. Hammon

AKZO COATINGS INC.

DATE : 3-31-94

V O C CERTIFICATION DATA SHEET

COATING MANUFACTURER: AKZO COATINGS INC.

COATING IDENTIFICATION: 375-Y27-5063 (VY8M80563)

THIS COATING IS: SOLVENT BASED

SUPPLIED TO: J.L. CLARK

THE FOLLOWING PROPERTIES ARE: THEORETICAL DETERMINATIONS ON COATING AS APPLIED

1. COATING DENSITY (ASTM D1475) 10.12 LB./GAL.

2. PERCENT VOLATILE MATTER (ASTM D2369) 53.02

3. VOLATILE ORGANIC CONTENT 5.366 LB./GAL.

SIGNED : Michael L. Hammen

AKZO COATINGS INC.

DATE : 3-31-94

V O C CERTIFICATION DATA SHEET

COATING MANUFACTURER: AKZO COATINGS INC.

COATING IDENTIFICATION: 220-W27-1024

THIS COATING IS: SOLVENT BASED

SUPPLIED TO: J.L. CLARK

THE FOLLOWING PROPERTIES ARE: ACTUAL DETERMINATIONS ON COATING AS APPLIED

1. COATING DENSITY (ASTM D1475) 11.859 LB./GAL.

2. PERCENT VOLATILE MATTER (ASTM D2369) 26.165

3. VOLATILE ORGANIC CONTENT 3.103 LB./GAL.

SIGNED : Michael L. Hannnen

AKZO COATINGS INC.

DATE : 3-31-94

V O C CERTIFICATION DATA SHEET

COATING MANUFACTURER: AKZO COATINGS INC.

COATING IDENTIFICATION: 375-W27-5029

THIS COATING IS: SOLVENT BASED

SUPPLIED TO: J.L. CLARK

THE FOLLOWING PROPERTIES ARE: ACTUAL DETERMINATIONS ON COATING AS APPLIED

1. COATING DENSITY (ASTM D1475) 9.410 LB./GAL.
2. PERCENT VOLATILE MATTER (ASTM D2369) 57.85
3. VOLATILE ORGANIC CONTENT 5.444 LB./GAL.

SIGNED : Michael L. Hammon

AKZO COATINGS INC.

DATE : 3-31-94

V O C CERTIFICATION DATA SHEET

COATING MANUFACTURER: AKZO COATINGS INC.

COATING IDENTIFICATION: VL8M80754 BLUE PEEL

THIS COATING IS: SOLVENT BASED

SUPPLIED TO: J.L. CLARK

THE FOLLOWING PROPERTIES ARE: ACTUAL DETERMINATIONS ON COATING AS APPLIED

1. COATING DENSITY (ASTM D1475) 8.782 LB./GAL.
2. PERCENT VOLATILE MATTER (ASTM D2369) 59.625
3. VOLATILE ORGANIC CONTENT 5.236 LB./GAL.

SIGNED : Michael L. Hanninen

AKZO COATINGS INC.

DATE : 3-31-94

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

COATING SUPPLIER ENVIRONMENTAL DATA SHEET

Coating Manufacturer: The Valspar Corporation

Coating Code Number: 3846-044 Solvent-based Coating

As Supplied To: J.L. Clark

PROPERTIES

1.	Coating Density: Standard Wt/Gal Cup	7.84 lb/gal.			0.9408	kg/l
2.	Solvent System (Volatiles) Calculated Density:	7.25 lb/gal.			0.87	kg/l
3.	Organic Solvent Density:	7.25 lb/gal.			0.87	kg/l
4.	Coating Solids (Non Volatiles): ASTM 2369-86	a.	27.00	Weight Percent		
		b.	21.06	Volume Percent		
5.	Total Volatiles (H2O Included): ASTM 2369-86	a.	73.00	Weight Percent		
		b.	78.94	Volume Percent		
6.	Total Organic Volatiles: (Less H2O)	a.	73.00	Weight Percent		
		b.	78.94	Volume Percent		
7.	Coating Water Content:					
	a. Water Content as Charged	a.	0.00	Weight Percent		
	b. Calculated	b.	0.00	Volume Percent		
8.	VOC Content: *					
	(Coating less Water)	5.72	lb/gal.		0.69	kg/l
	(Solids)	27.18	lb/gal.		3.26	kg/l

* Note: The VOC as reported is for the coating as applied, based on thinning with Glycol Ether EB 5 qts of Glycol Ether EB added to 3-3/4 gallons of 3846-044 (initial VOC = 5.1). Additional thinning will alter the VOC level. Consult your Valspar Sales Representative for additional information in such cases.

Signed: _____ Date: 3/31/94

J.L.CLARK
a member of the CLARCOR consumer products group

March 10, 1994

John Carney
Valspar Corporation
1200 Roosevelt Road
Suite 201
Glen Elyn, IL., 60137

Dear John:

Per our phone discussion on 3/8/94, we are sending you the information relative to the VOM content testing for the J.L.Clark, Downers Grove facility. J.L.Clark is currently under requirement from The Illinois Environmental Protection Agency (IEPA) to verify our 1993 air permit reported VOC quantities. This requires us to test all our solvent based coatings for "as applied" VOM content. We received permission from the IEPA to have our suppliers conduct the VOM testing and use the test data for our reports. We appreciate your assistance in this testing program.

We would like you to follow the VOM Test Methods and Procedures outlined in Section 218.105 of the IEPA Regulations. We are enclosing a copy of the regulation which specifies the sampling and analytical ASTM methods for determining VOM content. This regulation also specifies that in the event any inconsistency is noted between the theoretical formulation VOM and the Method 24 VOM, the Method 24 test will govern. In your report back to us, please provide a certification sheet for each material tested and include on that sheet; a designation that the material is "solvent based", that the VOM data reflects the material as J.L.Clark runs it "as applied" or after thinning, and the specific ASTM methods utilized to acquire the VOM results. Because we specify our coating materials as solvent based, we will not be required to test for water content.

Please test the following material:

> Valspar S-3846-044 epoxy phenolic, 3-3/4 gal add 5 qts Glycol Ether EB to attain a running viscosity of 20 secs #4 Ford cup.

We hope that you can provide to us the VOM content results by April 1, 1994. In order to expedite the process and eliminate shipping the hazardous materials, we hope you can mix the test samples at your testing facility. Again, thank you for your assistance in this matter. If you have any questions, please contact us immediately.

Sincerely

Glenn Ceckowski
Chemist

cc: Jim Klotz
Lee Landower

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125

815/962-8861
FAX: 815/962-0417

J.L.CLARK
a member of the CLARCOR consumer products group

March 10, 1994

Anthony Krisman
Sales Manager
Morton Industrial Coatings
1470 New Jersey Avenue
North Brunswick, NJ., 08902-1697

Dear Tony:

Per our phone discussion on 3/8/94, we are sending you the information relative to the VOM content testing for the J.L.Clark, Downers Grove facility. J.L.Clark is currently under requirement from The Illinois Environmental Protection Agency (IEPA) to verify our 1993 air permit reported VOC quantities. This requires us to test all our solvent based coatings for "as applied" VOM content. We received permission from the IEPA to have our suppliers conduct the VOM testing and use the test data for our reports. We appreciate your assistance in this testing program.

We would like you to follow the VOM Test Methods and Procedures outlined in Section 218.105 of the IEPA Regulations. We are enclosing a copy of the regulation which specifies the sampling and analytical ASTM methods for determining VOM content. This regulation also specifies that in the event any inconsistency is noted between the theoretical formulation VOM and the Method 24 VOM, the Method 24 test will govern. In your report back to us, please provide a certification sheet for each material tested and include on that sheet; a designation that the material is "solvent based", that the VOM data reflects the material as J.L.Clark runs it "as applied" or after thinning, and the specific ASTM methods utilized to acquire the VOM results. Because we specify our coating materials as solvent based, we will not be required to test for water content. Please test the following material:

379W78 white polyester enamel; no thinning, +7' #4 Ford cup

1090-21HV epoxy phenolic; mixture, currently a 16 seconds material and a 24 seconds material are mixed in a 1:1 ratio to obtain a material with a 20 second #4 Ford cup running viscosity (J.L.Clark does not add thinner)

We hope that you can provide to us the VOM content results by April 1, 1994. In order to expedite the process and eliminate shipping the hazardous materials, we hope you can mix the test samples at your testing facility. Again, thank you for your assistance in this matter. If you have any questions, please contact us immediately.

Sincerely

Glenn Ceckowski
Chemist

cc: Jim Klotz
Steve Rendek
Dave Lewis

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125

815/962-8861
FAX: 815/962-0417

J.L.CLARK
a member of the CLARCOR consumer products group

March 10, 1993

Jim Cowie
Akzo Coatings Division
1915 Industrial Ave.
Zion, IL., 60099

Dear Jim:

Per my phone discussion Tom Smurr on 3/8/94, we are sending you the information relative to the VOM content testing for the J.L.Clark, Downers Grove facility. J.L.Clark is currently under requirement from The Illinois Environmental Protection Agency (IEPA) to verify our 1993 air permit reported VOC quantities. This requires us to test all our solvent based coatings for "as applied" VOM content. We received permission from the IEPA to have our suppliers conduct the VOM testing and use the test data for our reports. We appreciate your assistance in this testing program.

We would like you to follow the VOM Test Methods and Procedures outlined in Section 218.105 of the IEPA Regulations. We are enclosing a copy of the regulation which specifies the sampling and analytical ASTM methods for determining VOM content. This regulation also specifies that in the event any inconsistency is noted between the theoretical formulation VOM and the Method 24 VOM, the Method 24 test will govern. In your report back to us, please provide a certification sheet for each material tested and include on that sheet; a designation that the material is "solvent based", that the VOM data reflects the material as J.L.Clark runs it "as applied" or after thinning, and the specific ASTM methods utilized to acquire the VOM results. Because we specify our coating materials as solvent based, we will not be required to test for water content. Please test the following material:

220-W27-1024 polyester white enamel; no thinning, +7' #4 Ford cup

222-Y27-2008 polyester yellow; no thinning, +7' #4 Ford cup

XR-3164 clear enamel; no thinning

375-W27-5029 PEEL; no thinning

VY8M-80563A Pms 102; no thinning

VL8M-80754 Blue PEEL; no thinning

VY8M-82026 Yellow; no thinning

H-23 epoxy phenolic; 4-1/2 gal add 2 qts Glycol Ether EB, running viscosity 20" #4 Ford cup

XR-1215 epoxy; 4 gal add 1 gal MEK, running viscosity 20" #4 Ford

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125

815/962-8861
FAX: 815/962-0417

J.L. CLARK
a member of the CLARCOR consumer products group

We hope that you can provide to us the VOM content results by April 1, 1994. In order to expedite the process and eliminate shipping the hazardous materials, we hope you can mix the test samples at your testing facility. Again, thank you for your assistance in this matter. If you have any questions, please contact us immediately.

Sincerely

Glenn Ceckowski
Chemist

cc: Jim Klotz
Tom Smurr
Al Hatkevich

J.L.CLARK
a member of the CLARCOR consumer products group

March 10, 1994

Dan Moit
Regional Sales Manager
Sherwin Williams Co.
347 Maid Marion Drive South
Schererville, IN., 46375

Dear Dan:

Per our phone discussion on 3/8/94, we are sending you the information relative to the VOM content testing for the J.L.Clark, Downers Grove facility. J.L.Clark is currently under requirement from The Illinois Environmental Protection Agency (IEPA) to verify our 1993 air permit reported VOC quantities. This requires us to test all our solvent based coatings for "as applied" VOM content. We received permission from the IEPA to have our suppliers conduct the VOM testing and use the test data for our reports. We appreciate your assistance in this testing program.

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Please test the following material:

> Sherwin Williams G72-WC-18 white solution vinyl enamel, no thinning, running viscosity +5 minutes #4 Ford cup

We hope that you can provide to us the VOM content results by April 1, 1994. In order to expedite the process and eliminate shipping the hazardous materials, we hope you can mix the test samples at your testing facility. Again, thank you for your assistance in this matter. If you have any questions, please contact us immediately.

Sincerely

Glenn Ceckowski
Chemist

cc: Jim Klotz

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125

815/962-8861
FAX: 815/962-0417

J.L.CLARK
a member of the CLARCOR consumer products group

March 11, 1994

Philip Twomey
Director of Services
Admiral Environmental Services Inc.
2025 S. Arlington Heights Rd.
Suite 103
Arlington Heights, IL., 60005-4141

Dear Philip:

Per my phone discussion with Dan Bloom on 3/8/94, we are sending you the information relative to the VOM content testing for the J.L.Clark, Downers Grove facility. J.L.Clark is currently under requirement from The Illinois Environmental Protection Agency (IEPA) to verify our 1993 air permit reported VOC quantities. This requires us to test all our solvent based coatings for "as applied" VOM-content.

We would like you to follow the VOM Test Methods and Procedures outlined in Section 218.105 of the IEPA Regulations. In your report back to us, please provide a certification sheet for each material tested and include on that sheet; a designation that the material is "solvent based", that the VOM data reflects the material as J.L.Clark runs it "as applied" or after thinning, and the specific methods utilized to acquire the VOM results. Because we specify our coating materials as solvent based, we will not be required to test for water content. Per your 11/1/93 proposal, the fee for analysis of solvent based coatings using EPA Method 24 or 24A is 110.00 dollars per sample. This fee will include the samples containers and the test samples delivered to your lab facility. Please test the following materials:

1. Eiann Lakke IT-404 epoxy phenolic; running viscosity 20 secs #4 Ford

2. Mehnert & Veeck IL-320-1528 epoxy phenolic; running viscosity 20 secs #4 Ford

We hope that you can provide to us the VOM content results within two weeks. Thank you for your assistance in this matter. If you have any questions, please contact us immediately.

Sincerely,

Glenn Ceckowski
Chemist

cc: Jim Klotz
Bill Pruyne

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125

815/962-8861
FAX: 815/962-0417

J.L.CLARK
a member of the CLARCOR consumer products group

Date: March 3, 1994

To: Jim Klotz

By: Glenn Ceckowski

Copies To:

Reference: J.L.Clark - Tube Division

Subject: VOM Testing

F162

We have finally completed the initial steps of acquiring the material information for the VOM testing program. With our visit to Tube Division on 3/3/94, we were able to obtain the thinning and viscosity information on the coating materials. We have also compiled a list of Chicago area lab facilities that can accomodate the EPA Method 24 requirements for VOM testing.

Essentially, only the internal linings are thinned with solvent for on-line usages, the enamels are run straight. The only instance where a solvent would be added to an enamel would be directly on the rollers to reduce or "break free" the enamel at point of start up. Typically the amount of solvent, S150 for polyesters and 2300 vinyl reducer for vinyls, used at a start up would be less than a pint.

We have contacted all domestic material suppliers and informed them of our requirements to conduct VOM testing. Akzo, Morton, Sherwin Williams, Valspar, and Watson Standard have consented the capability for their labs to conduct VOM testing per the Method 24 requirements. As it stands now, we have to obtain adequate sample sizes of the materials that correspond to each supplier and submit those samples for the tests free of charge. The conscesus reply from the suppliers is, "We do that stuff anyway, it shouldn't be a big deal." However, before we draw the samples, should we request in writing the test procedure they plan to use and set up a formal channel to accomplish this? For requesting this testing, what channels should we go through; sales or technical?

The attached page is a list of the coating materials being used and the corresponding thinning components. We hope to wrap up this VOM investigation within the next month.

- Target 4/1 - Can go to 4/8
- Separate Cut
- Note Visc.
- Almost or CAF - solvent based

J.L.CLARK

the CLARCOR consumer products group

VOM TESTING p.2 F162.1

DOMESTIC ENAMELS

220-W27-1024 Akzo polyester white, straight, VOC 2.5, +7'viscosity *

222-Y27-2008 Akzo polyester yellow, straight, VOC 2.5, +7'viscosity, *

XR3164 Akzo clear polyester, no data, maybe 5 gallons in stock *

379W78 Morton polyester white, discontinued use 1993, straight, * VOC 2.9

G72-WC-18 Sherwin Williams vinyl white, straight, VOC 4.7, * +6'viscosity

G72-W-21 Sherwin Williams polyester white, discontinued use, striaght, +7'viscosity, VOC 2.5

Assorted colored enamels, no data

DOMESTIC INTERNAL LININGS

H-23 Akzo epoxy-phenolic, 4-1/2 gal add 2 qts Glycol Ether EB, * 20" viscosity

XR1215 Akzo epoxy-phenolic, 4 gal add 1 gal MEK, 20" viscosity *

1090-21HV Morton epoxy-phenolic, straight, 2 drums in stock, * 20" viscosity

S-3846-044 Valspar epoxy-phenolic, VOC 5.1, 3-3/4 gal add * 5 qts Glycol Ehter EB, 20" viscosity

10-084A Watson Standard epoxy-phenolic, straight, 24" viscosity *

non-DOMESTIC MATERIALS

IT-404 Eiann Lakke epoxy-phenolic, 4-3/4 gal add 1 qt Glycol * Ether EB, 22" viscosity

IL320-1528 Mehnert & Veeck epoxy-phenolic, 4 gal add 1 gal Glycol Ether EB, 20" viscosity

Kolack white polyester, no data * ?

J3024 Kolack epoxy-phenolic, test material, no reliable data Elim.

J454 Kolack epoxy-phenolic, test material, no reliable data Elim.

Add 4 colors.

Admiral
Environmental
Services Inc.
2025 S. Arlington Heights Rd., Suite 103, Arlington Heights, IL 60005-4141 (708) 228-5355 Fax (708) 228-5413

March 25, 1994

Mr. Glenn Ceckowski
Chemist
J.L. Clark
2300 Sixth Street
P.O. Box 7000
Rockford, IL 61125

Dear Mr. Ceckowski:

Attached is Laboratory Report No. 79-247 covering our evaluation of two samples that we recently received. This confirms the results previously transmitted to you by facsimile.

If you have any questions, please call.

Sincerely,

ADMIRAL ENVIRONMENTAL SERVICES, INC.

Philip A. Twomey

Philip A. Twomey, P.E.
Director of Services

PAT:slp
Attachment

The Sherwin-Williams Company
347 Maid Marion South
Schererville, IN 46375
Phone: (219) 322-3906
Beeper: (414) 471-4319

AW Stoudel Bldg.

March 23, 1994

Mr. Glenn Ceckowski
J. L. Clark
2300 Sixth St.
P.O. Box 7000
Rockford, IL 61125

RE: V.O.M. of Sherwin-Williams White Solution Vinyl - G72 W C18
ASTM - 2369-90 = 4.84 lbs/gal. VOC 60 min @ 230°F.
weight: 11.28 lbs/gal, NVM 57%;

Dear Glenn,

As you requested in your letter of 3/10/94, please find enclosed our test results on the subject material.

We believe the letter as written covers all the points you requested. If you have additional questions or we can be of additional assistance, please let me know.

Sincerely,

D. Moit

Dan Moit
Sales Representative

DM/sdl

cc: Mr. Jim Klotz (J. L. Clark); D. Scherrer (S-W); D. Gellert (S-W)

Enc.

The Spectrum of Technology

PRODUCT NAME: COLLAPSIBLE TUBE ENAMEL

REX NUMBER: G72 W C18

PRODUCT DESCRIPTION

G72 W C18, is a solution vinyl type coating with excellent metal wetting and flexibility.

ADVANTAGES

- Untreated aluminum.
- Flexibility.

CHARACTERISTICS

WEIGHT/GALLON	11.47 ± .25 Lbs.
VOLUME SOLIDS	37 ± 2%
WEIGHT SOLIDS*	59 ± 2%
VOLATILE BY WEIGHT**	41 ± 2%
VISCOSITY @ 77°F #3 S-W CUP	240 Seconds
APPLIED DFT	1.0 Mils
FLASH POINT	95°F

APPLICATION

REDUCTION:

The best reducing solvent is isophorone.

This provides optimum metal wetting and flow out.

CURE SCHEDULE:

Six minutes at 300°F to peak metal temperature on untreated "Q" panels.

GLOSS: 75% Minimum @ 60° Photovolt

PERFORMANCE

This material should be stored indoors below 100°F.

* The solid portion of this coating breaks down to:

NVM Organic: 38% + 2%
NVM Inorganic: 62% ∓ 2%

** All of the volatile portions of this coating consists of organic materials.

DBW/AWSTC
9/30/88
jlv (ds#15)

NOTE: The information, ratings and opinions stated above pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application which are not known or under our control The Sherwin-Williams Company cannot make any warranties or guarantees as to the end results

SHERWIN WILLIAMS CHEMICAL COATINGS

11541 S. Champlain Ave., Chicago, IL 60628

SHERWIN WILLIAMS

TECHNICAL DATA SHEET

J. L. CLARK

ATLAS TUBE DIVISION

PRODUCT:	Tube Enamel White
REX:	G72 WC 18
THEORETICAL WEIGHT PER GALLON:	11.56 ± 0.15 lbs.
THEORETICAL WEIGHT SOLIDS:	59 ± 2%
THEORETICAL VOLUME SOLIDS:	37 ± 2%
FULL BODY VISCOSITY RANGE:	230 - 250 sec. #3 SW Cup @ 77°F
60° GLOSS RANGE:	80 minimum
COLOR:	Good visual match
FLASH POINT:	100°F TOC

NOTE: The ratings, information, and opinions stated above pertain to material currently offered and represent the results of laboratory evaluation. Since the customer's application and other requirements are not known, or are not under our control, the Sherwin-Williams Co., cannot make any warranties or quarantee as to results.

DEL
#1
11-19-81

10628

J.L.CLARK
a member of the CLARCOR consumer products group

March 10, 1994

Dan Moit
Regional Sales Manager
Sherwin Williams Co.
347 Maid Marion Drive South
Schererville, IN., 46375

Dear Dan:

Per our phone discussion on 3/8/94, we are sending you the information relative to the VOM content testing for the J.L.Clark, Downers Grove facility. J.L.Clark is currently under requirement from The Illinois Environmental Protection Agency (IEPA) to verify our 1993 air permit reported VOC quantities. This requires us to test all our solvent based coatings for "as applied" VOM content. We received permission from the IEPA to have our suppliers conduct the VOM testing and use the test data for our reports. We appreciate your assistance in this testing program.

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Please test the following material:

> Sherwin Williams G72-WC-18 white solution vinyl enamel, no thinning, running viscosity +5 minutes #4 Ford cup

We hope that you can provide to us the VOM content results by April 1, 1994. In order to expedite the process and eliminate shipping the hazardous materials, we hope you can mix the test samples at your testing facility. Again, thank you for your assistance in this matter. If you have any questions, please contact us immediately.

Sincerely

Glenn Ceckowski

Glenn Ceckowski
Chemist

cc: Jim Klotz

3/21 Dan Moit test is in progress, no questions.

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125

815/962-8861
FAX: 815/962-0417

SHERWIN WILLIAMS

COATING

The Sherwin-Williams Company
A. W. Steudel Technical Center
549 East 115th Street
Chicago, Illinois 60628

September 2, 1987

Mr. Jerry Kulid
J L Clark
2300 Wisconsin Avenue
Downers Grove, IL 60515

Dear Mr. Kulid:

To confirm our telephone conversation of September 1, please find below the VOC calculation and VOC for G72WC18 Atlas Tube Enamel.

Volatile Organic Content (pounds/gallon) for G72WC18 =

$$\left(1 - \frac{\text{Non Volatile Material}}{100}\right) \times \text{(Weight/Gallon of Coating)}$$

V.O.C. = (1 - .5907) X (11.47 lbs/gallon)

V.O.C. = (.4093) X (11.47 lbs/gallon)

V.O.C. = 4.7 lbs/gallon

If you need more information please feel free to call us.

Thank you for your interest in our product.

Sincerely,

Doug Wolf

D. B. Wolf
Chemist
Coil Business Unit
Chemical Coatings Division

bh
cc: D. Moit
R. J. Rohde
D. Scherrer

13546

A155 REV

Statement of Composition

COLLAPSIBLE TUBE ENAMEL, WHITE

G72 W C18

In accordance with your request of recent date, we advise that the following is the composition of the above-noted product manufactured and sold by this company.

Composition of Paint by Weight:

Pigment	36.8%
Resin	63.2%
	100.0%

Composition of Pigment by Weight:

Titanium Dioxide	100%*

*Small amounts of Iron Oxide Yellow Indanthrene Blue, and Alizarine Maroon are used for tinting.

Composition of Resin by Weight:

*Non-Volatile	22.0%
**Volatile	78.0%
	100.0%

*Vinyl Chloride-Vinyl Acetate Copolymer, Urea Formaldehyde, Plasticizers and Stabilizer

**Volatiles - Blend of Aromatic Naphtha 150 flash and Isophorone

NOTE:

This Coating Contains No Added Lead

A variation of 2% either way is permissible from the above percentages.

The company reserves the right to revise this composition at any future date. The above analysis represents the composition of this product as it is being manufactured on this date.

THE SHERWIN-WILLIAMS CO.

W.H. BISHTON:ms
March 16, 1972

J.L. CLARK
a member of the CLARCOR consumer products group

March 10, 1994

Bill Bremer
Watson Standard Company
Technical Coatings Division
P.O.Box 11250
Pittsburgh, PA., 15238

Dear Bill:

Per my phone discussion with Gary Silke on 3/8/94, we are sending you the information relative to the VOM content testing for the J.L.Clark, Downers Grove facility. J.L.Clark is currently under requirement from The Illinois Environmental Protection Agency (IEPA) to verify our 1993 air permit reported VOC quantities. This requires us to test all our solvent based coatings for "as applied" VOM content. We received permission from the IEPA to have our suppliers conduct the VOM testing and use the test data for our reports. We appreciate your assistance in this testing program.

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Please test the following material:

Watson Standard 10-084A epoxy phenolic; no thinning, running viscosity 24 secs #4 Ford cup

We hope that you can provide to us the VOM content results by April 1, 1994. In order to expedite the process and eliminate shipping the hazardous materials, we hope you can mix the test samples at your testing facility. Again, thank you for your assistance in this matter. If you have any questions, please contact us immediately.

Sincerely
Glenn Ceckowski
Glenn Ceckowski
Chemist

cc: Jim Klotz
Gary Silke
Jim Lore

3/21 Bill said not seen the letter as of this morning he will check and confirm receipt.

trail run: 10-024 w/out Cellosolve ask Tube

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125
815/962-8861
FAX: 815/962-0417

Certificate of Analysis

WATSON STANDARD

PITTSBURGH, PA

CUSTOMER J. L. Clark - Downers Grove, IL

W-S CODE 10-084-A

CUSTOMER CODE

BATCH NUMBER 12-021994-1637

DATE OF SHIPMENT 2/18/94

DATA:	SPECIFIED	SHIPPED
VISCOSITY #4 Ford Cup	17" ± 2"	17"
WEIGHT PER GAL.	7.8-8.0 lbs.	7.87 lbs.
WEIGHT % SOLIDS	25.0 ± 2.1 %	26.26 %

COLOR Clear

OTHER

Solvent Based Material

Actual VOC - 5.80#

CERTIFIED BY:

[signature]

QUALITY ASSURANCE

J.L. CLARK
a member of the CLARCOR consumer products group

March 11, 1994

Philip Twomey
Director of Services
Admiral Environmental Services Inc.
2025 S. Arlington Heights Rd.
Suite 103
Arlington Heights, IL., 60005-4141

Dear Philip:

Per my phone discussion with Dan Bloom on 3/8/94, we are sending you the information relative to the VOM content testing for the J.L.Clark, Downers Grove facility. J.L.Clark is currently under requirement from The Illinois Environmental Protection Agency (IEPA) to verify our 1993 air permit reported VOC quantities. This requires us to test all our solvent based coatings for "as applied" VOM-content.

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1. Eiann Lakke IT-404 epoxy phenolic; running viscosity 20 secs #4 Ford

2. Mehnert & Veeck IL-320-1528 epoxy phenolic; running viscosity 20 secs #4 Ford

We hope that you can provide to us the VOM content results within two weeks. Thank you for your assistance in this matter. If you have any questions, please contact us immediately.

Sincerely,

Glenn Ceckowski
Chemist

cc: Jim Klotz
Bill Pruyne

3/14 Dan Blume called about which method to follow we said follow Method 24 not 24A.

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125

815/962-8861
FAX: 815/962-0417

J.L. CLARK
a member of the CLARCOR consumer products group

Philip Twomey
Director of Services
Admiral Environmental Services Inc.
2025 S. Arlington Heights Rd.
Suite 103
Arlington Heights, IL., 60005-4141

Dear Philip:

Per my phone discussion with Dan Bloom on 3/8/94, we are sending you the information relative to the VOM content testing for the J.L.Clark, Downers Grove facility. J.L.Clark is currently under requirement from The Illinois Environmental Protection Agency (IEPA) to verify our 1993 air permit reported VOC quantities. This requires us to test all our solvent based coatings for "as applied" VOM content.

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1. Eiann Lakke IT-404 epoxy phenolic; running viscosity 20 secs #4 Ford

2. Kolack ~~48-11~~ A 4823 white polyester enamel; no thinning

3. Mehnert & Veeck IL-320-1528 epoxy phenolic; running viscosity ~~20~~ 60 secs #4 Ford 10 gals in stock

We hope that you can provide to us the VOM content results within two weeks. Thank you for your assistance in this matter. If you have any questions, please contact us immediately.

Sincerely,

Glenn Ceckowski
Chemist

cc: Jim Klotz
Bill Pruyne

Viking Freon TF - Trichlorotrifluoroethane

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125

815/962-8861
FAX: 815/962-0417

Admiral
Environmental
Services Inc.
2025 S. Arlington Heights Rd., Suite 103, Arlington Heights, IL 60005-4141 (708) 228-5355 Fax (7

Post-it® Fax Note 7671 | Date 5/15/94 | # of pages ▶ 1
To GLENN CECKOWSKI | From DAN BLUM
Co./Dept. | Co. J. L. CLARK
Phone # | Phone # (708) 228-5355
Fax # (815) 962-0417 | Fax #

March 23, 1994

Sample Analysis

Lab No: 79-247

J. L. CLARK
DOWNERS GROVE, ILLINOIS

IDENTIFICATION OF MATERIAL:
Two (2) samples, identified as:

- EINN LAKE IT-404 SOLVENT BASED INK AS APPLIED 03-10-94
- MEHNERT & VEER IL-320-1528 SOLVENT BASED INK AS APPLIED 03-10-94

PROCEDURE:
The samples were analyzed as per 40 CFR Part 60 Method 24.

RESULTS:

Sample ID:	Volatile % by Wt.	Density (gm/mL)	VOC (lbs/gal)
EINN LAKE IT-404	66.61	0.98	5.46
MEHNERT & VEER IL-320-1528	60.94	1.04	5.28

Note: Interlaboratory Confidence Limits are listed in 40 CFR Part 60 as ± 7.5% of the % Water value, ± 4.7% of the % Volatile value and ± 0.002 gm/mL for Density.

By [signature]
David M. Caskey

DMC:clm

J.L.CLARK
a member of the CLARCOR consumer products group

March 10, 1994

Anthony Krisman
Sales Manager
Morton Industrial Coatings
1470 New Jersey Avenue
North Brunswick, NJ., 08902-1697

Dear Tony:

Per our phone discussion on 3/8/94, we are sending you the information relative to the VOM content testing for the J.L.Clark, Downers Grove facility. J.L.Clark is currently under requirement from The Illinois Environmental Protection Agency (IEPA) to verify our 1993 air permit reported VOC quantities. This requires us to test all our solvent based coatings for "as applied" VOM content. We received permission from the IEPA to have our suppliers conduct the VOM testing and use the test data for our reports. We appreciate your assistance in this testing program.

We would like you to follow the VOM Test Methods and Procedures outlined in Section 218.105 of the IEPA Regulations. We are enclosing a copy of the regulation which specifies the sampling and analytical ASTM methods for determining VOM content. This regulation also specifies that in the event any inconsistency is noted between the theoretical formulation VOM and the Method 24 VOM, the Method 24 test will govern. In your report back to us, please provide a certification sheet for each material tested and include on that sheet; a designation that the material is "solvent based", that the VOM data reflects the material as J.L.Clark runs it "as applied" or after thinning, and the specific ASTM methods utilized to acquire the VOM results. Because we specify our coating materials as solvent based, we will not be required to test for water content. Please test the following material:

379W78 white polyester enamel; no thinning, +7' #4 Ford cup

1090-21HV epoxy phenolic; mixture, currently a 16 seconds material and a 24 seconds material are mixed in a 1:1 ratio to obtain a material with a 20 second #4 Ford cup running viscosity (J.L.Clark does not add thinner)

We hope that you can provide to us the VOM content results by April 1, 1994. In order to expedite the process and eliminate shipping the hazardous materials, we hope you can mix the test samples at your testing facility. Again, thank you for your assistance in this matter. If you have any questions, please contact us immediately.

Sincerely

Glenn Ceckowski

Glenn Ceckowski
Chemist

cc: Jim Klotz
Steve Rendek
Dave Lewis

they Called 3/18 to get more info about thinning.
they will proceed per our request.

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125

815/962-8861
FAX: 815/962-0417

Morton

Morton Industrial Coatings

March 29, 1994

Mr. Glenn Ceckowski
J.L. Clark
2300 Sixth Street
P.O. Box 7000
Rockford, Illinois 61125

Dear Glenn:

Per your request of March 10th, listed below is the VOC information.

If we can be of any further assistance, please call.

379W78 (unreduced)	2.9	VOC
1:1 Blend Of 1090-21HV	6.16	VOC

Very truly yours,

MORTON INTERNATIONAL, INC.
North Brunswick Facility

Steve Rendek

Stephen Rendek
Manager Quality Assurance
Lab Manager

SR/pk

Morton International, Inc., CN 6008, North Brunswick, NJ 08902-1697 908/545-9601 Fax 908/545-9421

Morton

Morton Industrial Coatings

March 31, 1994

Mr. Glenn Ceckowski
J.L. Clark
2300 Sixth Street
P.O. Box 7000
Rockford, Illinois 61125

Dear Glenn:

Per your request, this letter is to certify that the below listed solvent based products were tested in accordance with ASTM D2369-87.

380C11	1090-21HV	B#35088	6.29 VOC	7.66 Lbs./Gals.
380C11	1090-21HV	B#34879	6.04 VOC	7.77 Lbs./Gals.

Please note that the VOC is "as applied" without additional thinning.

Unfortunately, one of the retains was consumed making it impossible to do a 1:1 blend. However, we estimate the VOC to be 6.16 and the wt./gl. to be 7.71 when combined.

If we can be of any further assistance, please call.

Very truly yours,

MORTON INTERNATIONAL, INC.
North Brunswick Facility

Stephen M. Rendek Jr. (P.K.)
Stephen Rendek
Manager Quality Assurance
Lab Manager

SR/pk

Morton
Morton Industrial Coatings

March 31, 1994

Mr. Glenn Ceckowski
J.L. Clark
2300 Sixth Street
P.O. Box 7000
Rockford, Illinois 61125

Dear Glenn:

Per your request, this letter is to certify that the below listed solvent based product, 379W78 was tested in accordance with ASTM D 2369-87.

379W78	B#33563	3.0 VOC	12.54 Lbs./Gal.
379W78	B#33951	2.96 VOC	12.59 Lbs./Gal.
379W78	B#33075	3.0 VOC	12.61 Lbs./Gal.

Please note that the VOC is "As applied" without thinning.

If we can be of any further assistance, please call.

Very truly yours,

MORTON INTERNATIONAL, INC.
North Brunswick Facility

Stephen M Rendek Jr.

Stephen Rendek
Manager Quality Assurance
Lab Manager

SR/pk

... North Brunswick NJ 08902-1697 908/545-9601 Fax 908/545-9421

Morton *International*

PRICE $18.90/GM.

Specialty Coatings Group
Industrial Coatings
CN 6008
North Brunswick, New Jersey 08902-1697
(908) 545-9601

PRODUCT DATA SHEET

METAL DECORATING COATING

DESCRIPTION: 1090-21HV INTL LAC25"VISC
WKR CODE: 380C11
CUSTOMER CODE:

LIQUID PROPERTIES:

WEIGHT/GALLON: 7.87 ± .20 LB/GAL
VISCOSITY: 24-26"#4 FORD
% SOLIDS:(THEO) 21.93 ± 1.5% BY WEIGHT 15.89 ± 1.5% BY VOLUME
COVERAGE PER GAL: @ FILM WEIGHT
V.O.C.:(THEO) 6.100 LB/GAL FLASH POINT 33 F TCC

APPLICATION PROPERTIES:

METHOD: SPRAY
VISCOSITY: AS PACKAGED
THINNER: CYCLOHEXANONE
SUBSTRATE: ALUM TUBE
METAL PREPARATION: COMMERCIALLY CLEAN
BASECOAT/SIZE:
BAKE SCHEDULE: 10'@450F
WASH-UP:
SPECIAL INSTRUCTIONS:

FILM PROPERTIES:

FILM WEIGHT: 25-35 MG/4SQIN
HARDNESS:
CURE: 100+ MEK RUBS
FLEXIBILITY: COLD CRUSH TST
GLOSS: @ 60 @ 85
IMPACT:
OTHER:
RECOMMENDED USES: INTERIOR ALUMINUM TUBES/AEROSOL CANS
CONTAINS NO LUBRICANT X CONTAINS X NO LEAD BY WEIGHT
PREPARED FOR:
PREPARED BY: _____ DATE: 8/25/92

For best results, use within three months of receipt. Store above 40F and below 100F. Product may settle on aging. Mix before use
Do not contaminate with foreign materials.

J.L.CLARK
a member of the CLARCOR consumer products group

March 10, 1993

Jim Cowie
Akzo Coatings Division
1915 Industrial Ave.
Zion, IL., 60099

Dear Jim:

Per my phone discussion Tom Smurr on 3/8/94, we are sending you the information relative to the VOM content testing for the J.L.Clark, Downers Grove facility. J.L.Clark is currently under requirement from The Illinois Environmental Protection Agency (IEPA) to verify our 1993 air permit reported VOC quantities. This requires us to test all our solvent based coatings for "as applied" VOM content. We received permission from the IEPA to have our suppliers conduct the VOM testing and use the test data for our reports. We appreciate your assistance in this testing program.

We would like you to follow the VOM Test Methods and Procedures outlined in Section 218.105 of the IEPA Regulations. We are enclosing a copy of the regulation which specifies the sampling and analytical ASTM methods for determining VOM content. This regulation also specifies that in the event any inconsistency is noted between the theoretical formulation VOM and the Method 24 VOM, the Method 24 test will govern. In your report back to us, please provide a certification sheet for each material tested and include on that sheet; a designation that the material is "solvent based", that the VOM data reflects the material as J.L.Clark runs it "as applied" or after thinning, and the specific ASTM methods utilized to acquire the VOM results. Because we specify our coating materials as solvent based, we will not be required to test for water content. Please test the following material:

220-W27-1024 polyester white enamel; no thinning, +7' #4 Ford cup

222-Y27-2008 polyester yellow; no thinning, +7' #4 Ford cup

SDS #1 sample XR-3164 clear enamel; no thinning – need sample for AKzo ✓

Vinyl 375-W27-5029 PEEL; no thinning – no need

DS AKzo to calculate – VY8M-80563A Pms 102; no thinning – need sample — for sure no but have MSDS

DS #2 sample VL8M-80754 Blue PEEL; no thinning – need sample — for sure ✓

S AKzo to calculate – VY8M-82026 Yellow; no thinning – need sample no but have MSDS

H-23 epoxy phenolic; 4-1/2 gal add 2 qts Glycol Ether EB, running viscosity 20" #4 Ford cup

XR-1215 epoxy; 4 gal add 1 gal MEK, running viscosity 20" #4 Ford

3/18 Jim Cowie asked about applying 90 series ASTM methods to the Method 24 in our request. we said ok, there should be no differences

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125
815/962-8861
FAX: 815/962-0417

J.L. CLARK
a member of the CLARCOR consumer products group

We hope that you can provide to us the VOM content results by April 1, 1994. In order to expedite the process and eliminate shipping the hazardous materials, we hope you can mix the test samples at your testing facility. Again, thank you for your assistance in this matter. If you have any questions, please contact us immediately.

Sincerely

Glenn Ceckowski
Chemist

cc: Jim Klotz
Tom Smurr
Al Hatkevich

J.L.CLARK
a member of the CLARCOR consumer products group

March 28, 1994

Jim Cowie
Akzo Coatings Division
1915 Industrial Ave.
Zion, IL. 60099

Dear Jim:

Per my conversation with Tom Smurr on 3/22, I am sending you wet samples of XR-3164 and VL8M-80754 and the corresponding data sheets. Please follow the VOM test procedure as stated in my 3/10 letter to you. Also included are the data sheets for VY8M-80563A and VY8M-82026, if you can not produce a wet sample of these coatings, we will allow you to calculate the theoretical VOM. If a theoretical calculation is conducted to replace actual numbers, please state so on the certification form for each component.

We thank you for your tremendous cooperation in this matter. Please contact us if you have any questions.

Sincerely

Glenn Ceckowski

Glenn Ceckowski
Chemist

cc: Jim Klotz
Tom Smurr

PRIDE

J.L.CLARK
a member of the CLARCOR consumer products group

3/31
Mike Hanninen
Akzo 708-872-1000

asked about a sample of XR-1215

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125

815/962-8861
FAX: 815/962-0417

MATERIAL SAFETY DATA SHEET

S: H2* F2 R1

Date Prepared: 07/28/88

PREPARED-FOR:

PREPARED-BY:

RELIANCE UNIVERSAL - HANNA
1313 WINDSOR AVENUE
COLUMBUS OH 43211

Emergency Phone Number: (614)294-3361 Information Number: (614)294-336

SECTION I - PRODUCT INFORMATION

Tradename: NA Product No. UY8M80563A

Product - Class: PMS 102 YELLOW TUBE ENAMEL

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Ingredients	CAS No.		Occupational Exposure Limits TLV	PEL	UNITS	Vapor Pres. mmHg/
ISOPHORONE	00078591	27.2 %	5.	25.	ppm	1.0@
AROMATIC HYDROCARBON MIXTURE	64742945	18.7 %	100.	NA	ppm	3.0@
AROMATIC HYDROCARBON	64742956	4.5 %	50.	NA	ppm	10.0@
[illegible]D MODIFIED POLY VC/VA	25085829	10.7 %	10.	15.	mg/M3	NA
[illegible]Y VC/VA	09003229	4.9 %	10.	15.	mg/M3	NA
BUTANOL (BUTYL ALCOHOL)	00071363	1.3 %	50.	100.	ppm*	5.5@
TITANIUM DIOXIDE	13463677	8.4 %	10.	15.	mg/M3	NA
CHROMATE	NA	3.3 %	.05	.50	mg/M3	NA

* - TOXIC EFFECTS CAN OCCUR BY SKIN ABSORPTION.

SECTION III - PHYSICAL DATA

Boiling Range: 243 - 750 F Vapor is heavier than Air.

Evaporation rate is slower than ether. % Volatile (vol) 71.47 wt/gal 10.24

SECTION IV - FIRE AND EXPLOSION HAZARDS DATA

FP 105 F LEL .80% Flammability Class (OSHA): COMBUSTIBLE LIQUID - 2

Extinguishing Media: Foam, Carbon dioxide or dry Chemical.

UNUSUAL FIRE AND EXPLOSION HAZARD: During emergency conditions, overexposure to decomposition products (See section VI - reactivity data) may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

Keep containers tighty closed. Isolate from heat, spark and open

MATERIAL SAFETY DATA SHEET

H( ): H2* F3 R1 Date Prepared: 07/28/88

	PREPARED-FOR:	PREPARED-BY:
03721894	J. L. CLARK MANUFACTURING CO. 2300 WISCONSIN AVENUE DOWNERS GROVE IL 60515	RELIANCE UNIVERSAL - HANNA 1313 WINDSOR AVENUE COLUMBUS OH 43211

Emergency Phone Number: (614)294-3361 Information Number: (614)294-336

SECTION I - PRODUCT INFORMATION

Tradename: NA Product No. VL8M80754

Product - Class: LIGHT BLUE PEEL COAT

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Ingredients	CAS No.		Occupational Exposure Limits TLV	PEL	UNITS	Vapor Pres. mmHg/
ISOPHORONE	00078591	32.9 %	5.	25.	ppm	1.0
AROMATIC HYDROCARBON	64742956	21.7 %	50.	NA	ppm	10.0
POLY VC/VA	09003229	21.7 %	10.	15.	mg/M3	NA
T ANIUM DIOXIDE	13463677	16.9 %	10.	15.	mg/M3	NA
I DECYL DIPHENYL PHOSPHATE	29761215	5.1 %	NA	NA		< .1

SECTION III - PHYSICAL DATA

Boiling Range: 176 - 424 F Vapor is heavier than Air.

Evaporation rate is slower than ether. % Volatile (vol) 69.75 wt/gal 9.59

SECTION IV - FIRE AND EXPLOSION HAZARDS DATA

FP 21 F LEL .80% Flammability Class (OSHA): FLAMMABLE LIQUID - 1B

Extinguishing Media: Foam, Carbon dioxide or dry Chemical.

UNUSUAL FIRE AND EXPLOSION HAZARD: During emergency conditions, overexposure to decomposition products (See section VI - reactivity data) may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

Keep containers tighty closed. Isolate from heat, spark and open flame. Closed containers may explode when exposed to extreme heat.

SPECIAL FIREFIGHTING PROCEDURES: Water may be ineffective in fighting fire. If water is used to cool closed containers to prevent pressure build-up, fog-nozzles are preferred. Full protective equipment, including self-contained breathing apparatus is needed to protect fire fighters

MATERIAL SAFETY DATA SHEET

RECEIVED
J.L. CLARK TUBE DIVISION
DOWNERS GROVE, IL

NHIS H2* F2 R1 Date Prepared: 09/01/92

PREPARED FOR:	PREPARED BY:
00365050 J.L. CLARK MANU.	AKZO COATINGS INC. - ZION
2300 WISCONSIN AVE.	1915 INDUSTRIAL AVENUE
	(708)872-1000 (708)872-1000
DOWNERS GROVE IL 60515	ZION IL 60099

Emergency Phone Number: (708) 872-1000
Information Number: (708) 872-1000

SECTION I - PRODUCT INFORMATION

Tradename:	Product No.	Customer Part No.
MA	374- C27-4033	

Product - Class: CLEAR VINYL XR3164

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Ingredients	Ingredient Data
ISOPHORONE	|% by Weight
	|Cas No. 000078-59-1
	|Vapor Pres. 1.0@ 68F mm/Hg
	|TLV-TWA 5.0 ppm
	|PEL-TWA 4.0 ppm
	|ORAL-LD50 2330. mg/Kg RAT
	|DERM-LC50 1500. mg/Kg RABBIT
	|
AROMATIC SOLVENT	|% by Weight
	|Cas No. - -
	|Vapor Pres. NA
	|TLV-TWA 100.0 ppm
	|PEL-TWA NA
	|
M1,2,4-TRIMETHYLBENZENE	|% by Weight 9.1 %
	|Cas No. 000095-63-6
	|Vapor Pres. NA
	|TLV-TWA 25.0 ppm
	|PEL-TWA 25.0 ppm
	|
XYLENE, MIXED ISOMERS	|% by Weight 2.2 %
	|Cas No. 001330-20-7
	|Vapor Pres. 5.1@ 68F mm/Hg
	|TLV-TWA NA
	|PEL-TWA 100.0
	|TLV-STEL 150.0 ppm 15 MINUTES
	|PEL-STEL 150.0 ppm 15 MINUTES
	|ORAL-LD50 4300. mg/Kg RAT
	|INHAL-LC50 5000. ppm RAT-4 HOUR
	|
CUMENE	|% by Weight 2.2 %

	|Cas No.	000098-82-8		
	|Vapor Pres.	NA		
	|TLV-TWA	50.0	ppm*	
	|PEL-TWA	50.0	ppm*	
	|ORAL-LD50	1400.	mg/Kg	RAT
	|INHAL-LC50	8000.	ppm	RAT-4 HOURS
	|			
#VINYL ACETATE	|% by Weight	.1 %		
	|Cas No.	000108-05-4		
	|Vapor Pres.	88.0@ 68F	mm/Hg	
	|TLV-TWA	10.0	ppm	
	|PEL-TWA	10.0	ppm	
	|TLV-STEL	20.0	ppm	15 MINUTES
	|PEL-STEL	20.0	ppm	15 MINUTES
	|ORAL-LD50	2920.	mg/Kg	RAT
	|DERM-LC50	2335.	mg/Kg	RABBIT
	|INHAL-LC50	1550.	ppm	MOUSE
	|			

#This material is subject to reporting under SARA TITLE III, SECTION 313
All components in this coating have been verified as being on the TSCA Inventory

* - TOXIC EFFECTS CAN OCCUR BY SKIN ABSORPTION.

SECTION III - PHYSICAL DATA

Physical state: LIQUID
Odor and appearance: NA
Odor threshold (ppm): NA
pH: NA

Boiling Range: 305 - 424 F (151 - 217 C)

Vapor is heavier than Air.

Evaporation rate is slower than ether.
% Volatile (vol) 84.32 Lb/gal(U.S.) 8.05 SpGr: .96

VOC Data Lb/Gal(U.S.):

Less Water (EPA)	6.29	Total Organic Solvents	6.29
Less Water & Exempt (EPA)	6.29	Total Non-Exempt Solvents	6.29

SECTION IV - FIRE AND EXPLOSION HAZARDS DATA

FP: (CLOSED) 106 F (41 C) LEL .80%
Flammability Class (OSHA): COMBUSTIBLE LIQUID - 2

EXTINGUISHING MEDIA: Foam, Carbon Dioxide or Dry Chemical.

UNUSUAL FIRE AND EXPLOSION HAZARDS: During emergency conditions, overexposure to decomposition products (See Section VI - Reactivity Data) may cause a health hazard; symptoms may not be immediately apparent. Obtain medical attention.

	Cas No.	000098-82-8	
	Vapor Pres.	NA	
	TLV-TWA	50.0	ppm*
	PEL-TWA	50.0	ppm*
	ORAL-LD50	1400.	mg/Kg RAT
	INHAL-LC50	8000.	ppm RAT-4 HOURS
*VINYL ACETATE	% by Weight	.1 %	
	Cas No.	000108-05-4	
	Vapor Pres.	88.00 68F	mm/Hg
	TLV-TWA	10.0	ppm
	PEL-TWA	10.0	ppm
	TLV-STEL	20.0	ppm 15 MINUTES
	PEL-STEL	20.0	ppm 15 MINUTES
	ORAL-LD50	2920.	mg/Kg RAT
	DERM-LC50	2335.	mg/Kg RABBIT
	INHAL-LC50	1550.	ppm MOUSE

*This material is subject to reporting under SARA TITLE III, SECTION 313
All components in this coating have been verified as being on the TSCA Inventory

* - TOXIC EFFECTS CAN OCCUR BY SKIN ABSORPTION.

SECTION III - PHYSICAL DATA

Physical state: LIQUID
Odor and appearance: NA
Odor threshold (ppm): NA
pH: NA

Boiling Range: 305 - 424 F (151 - 217 C)

Vapor is heavier than Air.

Evaporation rate is slower than ether.
% Volatile (vol) 84.32 Lb/gal(U.S.) 8.05 SpGr: .96

VOC Data Lb/Gal(U.S.):

Less Water (EPA)	6.29	Total Organic Solvents	6.29
Less Water & Exempt (EPA)	6.29	Total Non-Exempt Solvents	6.29

SECTION IV - FIRE AND EXPLOSION HAZARDS DATA

FP: (CLOSED) 106 F (41 C) LEL .80%
Flammability Class (OSHA): COMBUSTIBLE LIQUID - 2

EXTINGUISHING MEDIA: Foam, Carbon Dioxide or Dry Chemical.

UNUSUAL FIRE AND EXPLOSION HAZARDS: During emergency conditions, overexposure to decomposition products (See Section VI - Reactivity Data) may cause a health hazard; symptoms may not be immediately apparent. Obtain medical attention.

MATERIAL SAFETY DATA SHEET

HMIS: H2* F2 R1 | Date Prepared: 05/16/90

PREPARED-FOR:	PREPARED-BY:
03721894 J. L. CLARK MFG.	HANNA CHEMICAL COATINGS CORP
2300 WISCONSIN AVE	1629 VANDERBILT ROAD
DOWNERS GROVE IL 60515	BIRMINGHAM AL 35234

Emergency Phone Number: (205) 323-5201 Information Number: (205) 323-5

SECTION I - PRODUCT INFORMATION

Tradename: NA Product No. VY8M82026

Product - Class DESENEX YELLOW TUBE ENAMEL

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Ingredients	CAS No.		Occupational Exposure Limits TLV	PEL	UNITS	Vapor Pres mmHg.
AROMATIC HYDROCARBON	64742956	11.7 %	50.	NA	ppm	10.0@
ISOPHORONE	00078591	28.8 %	5.	5	ppm	1.0@
TITANIUM DIOXIDE	13463677	24.7 %	10.	10	mg/M3	NA
# LEAD	07439921	7.5 %	.05	.05	mg/M3	NA
# CHROMATE	NA	1.3 %	.05	.50	mg/M3	NA
ACT MODIFIED POLY VC/VA	25085829	11.2 %	10.	15.	mg/M3	NA

This material is subject to reporting under SARA TITLE III, SECTION 313

SECTION IIa - ADDITIONAL HEALTH DATA

Ingredient	ORAL LD50	DERMAL LD50	INHALATION LC50
AROMATIC HYDROCARBON	> 5000. mg/kg RAT	> 3160. mg/Kg RABBIT	
TLV-STEL: NA		TLV-CEIL: NA	
PEL-STEL: NA		PEL-CEIL: NA	
ISOPHORONE	2330. mg/kg RAT	1500. mg/Kg RABBIT	
TLV-STEL: NA		TLV-CEIL: NA	
PEL-STEL: NA		PEL-CEIL: NA	

SECTION III - PHYSICAL DATA

Boiling Range: 306 - 424 F Vapor is heavier than Air.

Evaporation rate is slower than ether. % Volatile (vol) 62.92 wt/gal 11.69

SECTION IV - FIRE AND EXPLOSION HAZARDS DATA

FP 105 F LEL .80% Flammability Class (OSHA): COMBUSTIBLE LIQUID - 2

Extinguishing Media: Foam, Carbon dioxide or dry Chemical.

UNUSUAL FIRE AND EXPLOSION HAZARD: During emergency conditions, overexposure to decomposition products (See section VI - reactivity data) may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

Keep containers tighty closed. Isolate from heat, spark and open flame. Closed containers may explode when exposed to extreme heat.

SPECIAL FIREFIGHTING PROCEDURES: Water may be ineffective in fighting fire. If water is used to cool closed containers to prevent pressure build-up, fog-nozzles are preferred. Full protective equipment, including self-contained breathing apparatus is needed to protect fire fighters from exposure to coating's hazardous ingredients and hazardous combustion products.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: HARMFUL IF INHALED. MAY AFFECT THE BRAIN OR NERVOUS SYSTEM, CAUSING DIZZINESS, HEADACHE OR NAUSEA. IRRITATING TO EYES, SKIN AND RESPIRATORY TRACT.

OTHER SYMPTOMS MAY INCLUDE: dizziness, nausea, headache, anesthesia, depression, fatigue, mental confusion, vomiting, cough.

MEDICAL CONDITION THAT CAN BE AGGRAVATED: pulmonary conditions.

CHRONIC HEALTH HAZARD: Caution: Contains chrome (VI) compounds which OSHA has declared suspect human carcinogens by inhalation and ingestion and is listed by IARC(Group-1). Contains Isophorone which has been shown to cause cancer in laboratory animals by ingestion and is listed as a suspect carcinogen by NTP.

REPEATED OVEREXPOSURE TO THIS PRODUCT MAY CAUSE: kidney damage, liver abnormalities, lung damage, blood effects, eye damage.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents of this package may be harmful or fatal.

V O C CERTIFICATION DATA SHEET

COATING MANUFACTURER: AKZO COATINGS INC.

COATING IDENTIFICATION: 375-Y27-5044 (VY8M82026)

THIS COATING IS: SOLVENT BASED

SUPPLIED TO: J.L. CLARK

THE FOLLOWING PROPERTIES ARE: THEORETICAL DETERMINATIONS ON COATING AS APPLIED

1. COATING DENSITY (ASTM D1475) 11.65 LB./GAL.

2. PERCENT VOLATILE MATTER (ASTM D2369) 40.88

3. VOLATILE ORGANIC CONTENT 4.762 LB./GAL.

SIGNED Michael L. Hannon

AKZO COATINGS INC.

DATE 3-31-94

3/94

V O C CERTIFICATION DATA SHEET

COATING MANUFACTURER: AKZO COATINGS INC.

COATING IDENTIFICATION: 375-Y27-5063 (VY8M80563)

THIS COATING IS: SOLVENT BASED

SUPPLIED TO: J.L. CLARK

THE FOLLOWING PROPERTIES ARE: THEORETICAL DETERMINATIONS ON COATING AS APPLIED

1. COATING DENSITY (ASTM D1475) 10.12 LB./GAL.

2. PERCENT VOLATILE MATTER (ASTM D2369) 53.02

3. VOLATILE ORGANIC CONTENT 5.366 LB./GAL.

SIGNED : Michael L. Hammen

AKZO COATINGS INC.

DATE : 3-31-94

3/94

V O C CERTIFICATION DATA SHEET

COATING MANUFACTURER: AKZO COATINGS INC.

COATING IDENTIFICATION: 220-W27-1024

THIS COATING IS: SOLVENT BASED

SUPPLIED TO: J.L. CLARK

THE FOLLOWING PROPERTIES ARE: ACTUAL DETERMINATIONS ON COATING AS APPLIED

1. COATING DENSITY (ASTM D1475) 11.859 LB./GAL.
2. PERCENT VOLATILE MATTER (ASTM D2369) 26.165
3. VOLATILE ORGANIC CONTENT 3.103 LB./GAL.

SIGNED : Michael L. Hanninen

AKZO COATINGS INC.

DATE : 3-31-94

V O C CERTIFICATION DATA SHEET

COATING MANUFACTURER: AKZO COATINGS INC.

COATING IDENTIFICATION: 374-C27-4033 (XR-3164)

THIS COATING IS: SOLVENT BASED

SUPPLIED TO: J.L. CLARK

THE FOLLOWING PROPERTIES ARE: ACTUAL DETERMINATIONS ON COATING AS APPLIED

1. COATING DENSITY (ASTM D1475) 8.085 LB./GAL.

2. PERCENT VOLATILE MATTER (ASTM D2369) 75.66

3. VOLATILE ORGANIC CONTENT 6.117 LB./GAL.

SIGNED : Michael L. Hammer

AKZO COATINGS INC.

DATE : 3-31-94

V O C CERTIFICATION DATA SHEET

COATING MANUFACTURER: AKZO COATINGS INC.

COATING IDENTIFICATION: 375-W27-5029

THIS COATING IS: SOLVENT BASED

SUPPLIED TO: J.L. CLARK

THE FOLLOWING PROPERTIES ARE: ACTUAL DETERMINATIONS ON COATING AS APPLIED

1. COATING DENSITY (ASTM D1475) 9.410 LB./GAL.

2. PERCENT VOLATILE MATTER (ASTM D2369) 57.85

3. VOLATILE ORGANIC CONTENT 5.444 LB./GAL.

SIGNED : Michael L. Hammer

AKZO COATINGS INC.

DATE : 3-31-94

V O C CERTIFICATION DATA SHEET

COATING MANUFACTURER: AKZO COATINGS INC.

COATING IDENTIFICATION: 374-C27-5020 (H-23)

THIS COATING IS: SOLVENT BASED

SUPPLIED TO: J.L. CLARK

THE FOLLOWING PROPERTIES ARE: ACTUAL DETERMINATIONS ON COATING AS APPLIED AFTER THINNING

1. COATING DENSITY (ASTM D1475) 7.488 LB./GAL.

2. PERCENT VOLATILE MATTER (ASTM D2369) 84.105

3. VOLATILE ORGANIC CONTENT 6.298 LB./GAL.

SIGNED : Michael L. Hammond

AKZO COATINGS INC.

DATE : 3-31-94

V O C CERTIFICATION DATA SHEET

COATING MANUFACTURER: AKZO COATINGS INC.

COATING IDENTIFICATION: 375-W27-5017 (XR1215)

THIS COATING IS: SOLVENT BASED

SUPPLIED TO: J.L. CLARK

THE FOLLOWING PROPERTIES ARE: ACTUAL DETERMINATIONS ON COATING AS APPLIED AFTER THINNING

1. COATING DENSITY (ASTM D1475) 7.757 LB./GAL.
2. PERCENT VOLATILE MATTER (ASTM D2369) 81.13
3. VOLATILE ORGANIC CONTENT 5.929 LB./GAL.

SIGNED : Michael L. Hammer

AKZO COATINGS INC.

DATE : 4-4-94

V O C CERTIFICATION DATA SHEET

COATING MANUFACTURER: AKZO COATINGS INC.

COATING IDENTIFICATION: VL8M80754 BLUE PEEL

THIS COATING IS: SOLVENT BASED

SUPPLIED TO: J.L. CLARK

THE FOLLOWING PROPERTIES ARE: ACTUAL DETERMINATIONS ON COATING AS APPLIED

1. COATING DENSITY (ASTM D1475) 8.782 LB./GAL.
2. PERCENT VOLATILE MATTER (ASTM D2369) 59.625
3. VOLATILE ORGANIC CONTENT 5.236 LB./GAL.

SIGNED : Michael L. Hanneman

AKZO COATINGS INC.

DATE : 3-31-94

3/94

V O C CERTIFICATION DATA SHEET

COATING MANUFACTURER: AKZO COATINGS INC.

COATING IDENTIFICATION: 222-Y27-2008

THIS COATING IS: SOLVENT BASED

SUPPLIED TO: J.L. CLARK

THE FOLLOWING PROPERTIES ARE: ACTUAL DETERMINATIONS ON COATING AS APPLIED

1. COATING DENSITY (ASTM D1475) 11.789 LB./GAL.
2. PERCENT VOLATILE MATTER (ASTM D2369) 17.195
3. VOLATILE ORGANIC CONTENT 2.027 LB./GAL.

SIGNED : Michael L. Hammond

AKZO COATINGS INC.

DATE : 3-31-94

Technical Data

Container Coatings Division

CUSTOMER: J.L. CLARK

AKZO CODE: 222-Y27-2008 PRODUCT NAME: L.F. BRIGHT YELLOW

CUSTOMER CODE: COLOR: YELLOW

SUGGESTED USE: EXTERIOR TUBE ENAMEL

PHYSICAL DATA

Non-Volatiles (Vol.)	63.47 +- 2%	Resin Type	POLYESTER
Non-Volatiles (Wt.)	75.3 +- 2%	Solvents	AROMATIC
Weight Per Gallon	11.27 +- .25 LBS	V.O.C. (ASTM #D 3960-89)	2.5 +- .25 LBS
*Viscosity	95 +- 5 K.U.	Lube	NONE
Flash Point	109°F	Specific Gravity	

APPLICATION DATA

Substrate TFS _____ ETP _____ Other *1

Recommendations

Film Weight mg sq in _____ _____ 26 +- 4

Application Viscosity AS REQUIRED

Cure Speed

Bake 330 PMT °F Metal Temp For 2 MINUTES

Alternate Bake _____ °F Metal Temp. For _____

*Method of Application _____ Rollcoat _____ Spray _____ Coil *2 Other

Method of Reduction _____ Heat S100 Solvent

Thinners for Clean-Up MEK/S100 50/50 BLEND

ADDITIONAL INFORMATION

Mixing & Storing Instructions: Mix well before using. Recommend to use product in 6 months or less.

Store at 77°F or below for maximum stability.

FDA status: ____ Yes X No Process: ____ Yes X No ____ Limited*

*COMMENTS:

*1 EXTRUDED ALUMINUM TUBES

*2 PIN COATER

VISCOSITY IS RUN ON A STORMER AT 77°F. THIS IS A TENTATIVE DATA SHEET FOR TRIAL PURPOSES.

DATE OCTOBER 18, 1993

SIGNATURE Jim Coure

This technical information is offered solely for your evaluation. Akzo Coatings Inc. makes no warranty nor assumes legal liability for results based upon use of our data and suggestions. Disclosure of ideas contained herein is neither authorization to operate under no recomendation to infringe any patents.

AKZO NOBEL

Technical Data

Container Coatings Division

CUSTOMER Akzo Nobel Coatings Inc.

AKZO CODE 222-R27-2012 PRODUCT NAME J.L.C. Rose

CUSTOMER CODE _____ COLOR Rose

SUGGESTED USE Exterior Coating for Collapsible Tubes

PHYSICAL DATA

Non-Volatiles (Vol.) 61.82 +- 2.00% Resin Type Polyester

Non-Volatiles (Wt.) 75.52 +- 2.00% Solvents Aromatic, Alcohol

Weight Per Gallon 11.80 +- 0.20 V.O.C. (ASTM #D 3960-89) 2.89

*Viscosity 95 +- 10 K.U. Lube Polyethylene

Flash Point 118 F Closed Cup Specific Gravity _____

Non-Volatiles (ASTM # D3960-89 76 +- 2

APPLICATION DATA

Substrate: TFS _____ ETP _____ Other *1

Recommendations

Film Weight: mg./sq. in _____ _____ 17.5-22.5

Application Viscosity 95 +- 10 K.U.

Cure Speed _____

Bake 320 °F Metal Temp. For 2 Minutes

Alternate Bake _____ °F Metal Temp. For _____

*Method of Application _____ Rollcoat _____ Spray _____ Coil *2 Other

Method of Reduction _____ Heat S-150 Solvent

Thinners for Clean-Up MEK

ADDITIONAL INFORMATION

Mixing & Storing Instructions: Mix well before using. Recommend to use product in 6 months or less.

Store at 77°F or below for maximum stability.

FDA status: ____ Yes X No Process: ____ Yes X No ____ Limited*

*COMMENTS: Viscosity Measured @ 77 F

*1 Extruded Aluminum Tubes

*2 Tube Coater

This TDS supersedes all previously dated TDS's.

DATE February 17, 1995

SIGNATURE _____

This technical information is offered solely for your evaluation. Akzo Nobel Coatings Inc. makes no warranty nor assumes legal liability for results based upon use of our data and suggestions. Disclosure of ideas contained herein is neither authorization to operate

Technical Data

Container Coatings Division

CUSTOMER: J.L. Clark

AKZO CODE: 375-Z27-5048

PRODUCT NAME: XB2666 Aluminum Tube Enamel

CUSTOMER CODE:

COLOR: Aluminum

SUGGESTED USE: Exterior Coating for Collapsible Tubes

PHYSICAL DATA

Non-Volatiles (Vol.)	29.33 +- 2.00%	Resin Type	Vinyl
Non-Volatiles (Wt.)	35.97 +- 2.00%	Solvents	Aromatic, Ketone
Weight Per Gallon	8.31 +- 0.20	V.O.C. (ASTM #D 3960-89)	5.31
*Viscosity	115 - 120 K.U.	Lube	None
Flash Point	105°F Closed Cup	Specific Gravity	

APPLICATION DATA

Substrate: TFS _____ ETP _____ Other *1

Recommendations

Film Weight: mg./sq.in. _____ _____ 1.25 +- 0.25 Mils

Application Viscosity: 115 - 120 K.U.

Cure Speed: _____

Bake: 300 °F Metal Temp. For 8 Minutes

Alternate Bake: _____ °F Metal Temp. For _____

*Method of Application: _____ Rollcoat _____ Spray _____ Coil *2 Other

Method of Reduction: _____ Heat Isophorone Solvent

Thinners for Clean-Up: MEK

ADDITIONAL INFORMATION

Mixing & Storing Instructions: Mix well before using. Recommend to use product in 6 months or less.

Store at 77°F or below for maximum stability.

FDA status: ____ Yes X No Process: ____ Yes X No ____ Limited*

*COMMENTS: Viscosity measured @ 77°F

*1 Extruded Aluminum Tubes

*2 Tube Coater

This TDS supersedes all previously dated TDS's.

DATE: June 20, 1994

SIGNATURE: _____

This technical information is offered solely for your evaluation. Akzo Coatings Inc. makes no warranty nor assumes legal liability for results based upon use of our data and suggestions. Disclosure of ideas contained herein is neither authorization to operate under no

AKZO NOBEL

Technical Data

Container Coatings Division

CUSTOMER Akzo Nobel Coatings

AKZO CODE 222-Y27-2011 PRODUCT NAME L.F. Desenex Yellow PMS 101

CUSTOMER CODE _____ COLOR Yellow

SUGGESTED USE Exterior Coating for Collapsible Tubes

PHYSICAL DATA

Non-Volatiles (Vol.) 63.9 +- 2.00% Resin Type Polyester

Non-Volatiles (Wt.) 77.1 +- 2.00% Solvents Aromatic Alcohol

Weight Per Gallon 12.04 +- 0.20 V.O.C. (ASTM #D 3960-89) 2.75

*Viscosity 100 +- 5 k.u. Lube Polyethylene

Flash Point 136 F closed cup Specific Gravity _____

Non-Volatiles (ASTM # D3960-89 77 +- 2%

APPLICATION DATA

Substrate TFS _____ ETP _____ Other *1

Recommendations

Film Weight: mg. sq. in _____ _____ 21-24

Application Viscosity 100 +-k.u.

Cure Speed _____

Bake 320+-10 F Metal Temp. For 2 minutes

Alternate Bake _____ F Metal Temp. For _____

*Method of Application _____ Rollcoat _____ Spray _____ Coil *2 Other

Method of Reduction _____ Heat S-150 Solvent

Thinners for Clean-Up MEK

ADDITIONAL INFORMATION

Mixing & Storing Instructions: Mix well before using. Recommend to use product in 6 months or less

Store at 77°F or below for maximum stability

FDA status: ____ yes X ____ Pre-cleaning ____ yes X ____ no ____ limited

COMMENTS: Viscosity measaured at 77 F.

*1 Extruded aluminum tubes

*2 Tube clear

This TDS superceded all previously dated TDS.

10-25-95

Jim Cowie

AKZO NOBEL

Technical Data

Container Coatings Division

CUSTOMER: J.L. Clark

AKZO CODE: 375-E27-0006 PRODUCT NAME: Aluminum Additive

CUSTOMER CODE: COLOR: Aluminum

SUGGESTED USE: Use to aluminize clear coats

PHYSICAL DATA

Non-Volatiles (Vol.): 40.60 +- 2% Resin Type: Vinyl

Non-Volatiles (Wt.): 45.60 +- 2% Solvents: Keytone, Aromatic

Weight Per Gallon: 8.11 - 115 k.u. V.O.C. (ASTM #D 3960-89): 4.42

*Viscosity: Lube: none

Flash Point: Specific Gravity:

Non-Volatiles (ASTM # D3960-89: 45.6

APPLICATION DATA

Substrate: TFS: ETP: Other: *1

Recommendations

Film Weight: mg./sq. in: *2 *2 *2

Application Viscosity: *2

Cure Speed:

Bake: *2 °F Metal Temp. For:

Alternate Bake: °F Metal Temp. For:

*Method of Application: *2 Rollcoat: Spray: Coil: Other:

Method of Reduction: Heat: Solvent:

Thinners for Clean-Up:

ADDITIONAL INFORMATION

Mixing & Storing Instructions: Mix well before using. Recommend to use product in 6 months or less.

Store at 77°F or below for maximum stability.

FDA status: Yes X No Process: Yes X No Limited*

*COMMENTS:

*1 - Extruded aluminum or tint tube.

*2 - This is an additive used with 374-C27-4033

This supercedes any previously dated TDS.

DATE: 10-25-95

SIGNATURE: Jim Cowie

This technical information is offered solely for your evaluation. Akzo Nobel Coatings Inc. makes no warranty nor assumes legal liability for results based upon use of our data and suggestions. Disclosure of ideas contained herein is neither authorization to operate

The Sherwin-Williams Company
347 Maid Marion South
Schererville, IN 46375
Phone: (219) 322-3906
Beeper: (414) 471-4319

March 23, 1994

Mr. Glenn Ceckowski
J. L. Clark
2300 Sixth St.
P.O. Box 7000
Rockford, IL 61125

RE: V.O.M. of Sherwin-Williams White Solution Vinyl - G72 W C18

Dear Glenn,

As you requested in your letter of 3/10/94, please find enclosed our test results on the subject material.

We believe the letter as written covers all the points you requested. If you have additional questions or we can be of additional assistance, please let me know.

Sincerely,

D. Moit

Dan Moit
Sales Representative

DM/sdl

cc: Mr. Jim Klotz (J. L. Clark); D. Scherrer (S-W); D. Gellert (S-W)

Enc.

The Sherwin-Williams Company
11541 S. Champlain Ave.
Chicago, Illinois 60628-5795
Phone (312) 821-3000

March 21, 1994

Mr. Glenn Ceckowski
J.L. Clark
2300 Sixth Street
P.O.Box 7000
Rockford, IL 61125

Dear Mr. Ceckowski:

The "as applied" VOC of G72WC18, white solution vinyl enamel, manufacturing date C2402, is 4.84 pounds/gallon using ASTM 2369-90. This material is a solvent based coating. The weight/gallon of this batch is 11.28 pounds/gallon; the NVM is 57.04% using a 60 minute bake at 230°F. If additional information is required, please contact our Regional Sales Manager, Dan Moit.

David J. Gellert
Supervisor
Paint Quality Assurance Laboratory

13833

J.L.CLARK
a member of the CLARCOR consumer products group

Material No: Morton Combe Tube Yellow

LABORATORY PROJECT REPORT
Date: September 9, 1997

CUSTOMER: Combe/Kobayashi
REQUESTED BY: J. Benton*, A. Moore*

OBJECT: Evaluate the PMS 102 Yellow Tube Coating from Morton.

PRELIMINARY DATA: Tube Division received 2 gallons of the PMS 102 Yellow coating from Morton. One gallon was used at full strength, the gallon was used as a four to one mix with the 379W141 white (reference J. Benton memo of 9/6).

TEST METHOD: Standard Lab Series on aluminum tubes provided by J. Benton

TEST RESULTS:	PMS 102	4 to 1 Mix
flow/appearance:	acceptable	good
film wt. (mean of 3)	120 mgs/4sqin	130 mgs/4sqin
gloss (@60°):	74	78
MEK rubs, ink:	n/a	Low, 10
MEK rubs, coating:	100+	100+
T-bend:	good, pass 2T	good, pass 2T
Crush/flexibility:	good, no flaking	good, no flaking

CONCLUSIONS: The PMS 120 Yellow coating from Morton matched the performance of the base white enamel, 379W141. Based on the flow and appearance of the 4 to 1 Mix, we feel the film weight could be reduced without color loss in order to reduce costs.

RECOMMENDATIONS: Proceed with the 10 gallon trial and be sure to notice any color variations through the bake ovens or other performance issues.

cc: P. Joa, J. Klotz

Signed Glenn Cohoon

9/11/97 – 10 gal. to be shipped to Downers Grove on Friday 9/12.

J. L. Clark Tube Division
A *CLARCOR* company

MEMO TO: Glenn Ceckowski **DATE:** September 6, 1997

CC: Polly Joa, Jim Klotz, Al Moore
Don Lange

FROM: John Benton
REFERENCE:

SUBJECT: MORTON YELLOW FOR COMBE - VARIOUS TOPICS

Glenn, enclosed per your request are the yellow tubes we produced. The plain tubes are the straight yellow, while the printed tubes are the 4 to 1 mix. We do not have any of the straight yellow with the Solveso added. The 4 to 1 mix has a "little" Naphtha 150 added. Jim Erjevec could not say how much he added specifically. Looking at the 4 to 1 mix you can see the overlap area more than we would like. Can they do anything about that with out effecting the cost?

Our plan for the yellow to go commercial would be as follows. I called Polly today and asked her to order 10 gallons of the 4 to 1 yellow for delivery by September 15th - very short notice. This would allow us to run the next order of over 200,000 tubes with that batch. We would like to receive a draw down from Morton as to what the 10 gallons looks like. Glenn, if there are other suggestions you have here please add that to our request. After production of that run and acceptance at Combe Rantoul we will order in the 55 gallon quantity. That would be 1 or 2 drums depending upon requirements. Poly can you advise us of the normal lead time that Morton requires for the 55 gallon quantities of the yellow.

Tony informed me that the pigment that was used to make the yellow would not be available after the end of the year. Not very good timing. He indicated that Morton would provide a pigment if they had to that would meet the cost of the original yellow provided. He asked if we could provide a projection of the volume of yellow we would need so they could purchase the pigment ahead, have some in stock and give them some time to work on a new pigment. I will provide him with that information by the end of the month after we get feel from the customer on the volume. It is important the new yellow be at the same cost, not considering the 4 to 1 mix of the material.

One more point for everyone on the copy list. Morton, Tony Krisman, should get a pat on the back on the PRIDE evaluation for cost control. Tony suggested that we run the 4 to 1 yellow first before the straight yellow. His logic was that once they see straight yellow they would not consider the 4 to 1 mix. At this point the Japanese have accepted the 4 to 1 mix and this should save us a few dollars. We are awaiting the quote on this from Tony. That strategy seemed to work out well and the initial Japanese representative - Combe's customer - was happy with the way the tube looked. Nice going Tony!

J.L.CLARK
a member of the CLARCOR consumer products group

Date: June 6, 1997

To: J. Benton*, A. Moore*

By: Glenn Ceckowski G.C.

Copies To: P. Joa, J. Klotz

Reference: Tube Division

Subject: Morton 379W141

F162

We have completed our analysis of the 379W141 white tube enamel samples that were produced at Tube Division on 5/20 and 5/21. Tony Krisman and John Berry from Morton were present on 5/20 for the trial. One drum of the Morton 379W141 white tube enamel was trialed on the lines 2S and 5A. We've received positive feedback from the line operators and QC department relative to its performance. Samples obtained every hour during production were analyzed for film weight (average of six consecutive tubes), ink adhesion, solvent resistance, crimp flexibility and cold crush.

Line 5A; Jeneric Pentron, 1-1/4" x 6-1/4", electric bake ovens

The run was initiated at 8 am with no alterations to the coater settings from the control enamel, Akzo W27-1024. The 379W141 showed good flow, no tacky concerns, and good hiding (although we suspected the film weight was higher than desired). Throughout the day, it looked very good on the low ink coverage job, Correct VPS Medium Body Catalyst, and no evidence of burning or yellowing at higher bake temperatures or during line stoppages. Film weights ranged from 90 to 125 mgs/4sqin and showed good flow and hiding throughout that range. MEK solvent resistance ranged from 50 to 100 double rubs, the fluctuation was due to altering the bake temperatures from 460°F down to 370°F during the trial. We saw good ink adhesion. The crimp flexibility and cold crush never showed flaking or cracking.

Line 2S; Dexter, 7/8" x 4-1/4", gas bake ovens

The run was initiated at 4 pm with no alterations to the coater settings from the control enamel, Akzo W27-1024. The 379W141 showed good flow and hiding, especially with the full coverage of ink, Epoxy Patch Part B Hardener. Film weights ranged from 82 to 125 mgs/4sqin. MEK solvent resistance ranged from 75 to 100 double rubs. The ink adhesion was very good. The crimp flexibility and the cold crush never showed flaking or cracking. Comments from the line operator reveal that some solvent reduction on the coater was necessary to initiate good flowout after a line stoppage. The line operator felt that the 379W141 "dried" on the coater rollers quickly and created paint strings. Reducing with S150 solvent upon restarts negated the problem. We did not see this condition on 5A.

Conclusions:

Overall, we feel that the 379W141 matched the performance of the control enamel. This trial shows that it can run consistently in the 90 mgs/4sqin area and provide good flow and hiding.

Recommendations:

Proceed with five drum order of 379W141 and evaluate it on other production lines and jobs.

DECORATION INVESTIGATION TUBE DIVISION LINE: 5A DATE: 5/20/97

Morton Polyester White 379W141 (4/18/97)

Time	Material	Strandgauge	mg	visc	bake	COMMENTS
8:30			coater	Set 6½7	C-385 P-305	ok, no tack, no flow problems
9:30	dwell time - coater - 4 min.			"	C-460 P-400	Line down/stopped for plate change
10:30				"	C-440 P-405	New plate, mostly white deco, looks good.
10:50			coater	Set 5½6	C-400 P-360	still nice, no evidence of burning at higher temp
11:00	Temp Label test			C-374 P-340		290°F coater, +380°F? printer
						Infred Temp. confirms they're exiting printer oven at +380°F
11:10 through 2:45 I was out (now running on 2S also)						
2:45	5A →	back up	coater	Set 6½7	C-370 P-280	still looks good but heavy film wt.
						no burning or yellowing spotted
2:50	2S → looks heavy mg, Don "knocked" the mg down some					
	Told Al Moore to lower film wt.					

Application:
1. Orange peal
2. Bad flow out
3. No hiding
4. Thinned w/

Visc:
1. #4 Ford Cup
2. Zahn Cup
3. Viscometer

6/2/97 Morton Tube White Analysis

tubes from 5/20/97, line 5A

11am samples	Flex wt.	MEK Rub	T. bend/Crush
	126, 120, 120, 125, 126, 131	100	excellent
	no ink problems	purple ink - 5 rubs	

coverage looks good, good flow & whiteness → no printing defects burning or ye

3 pm samples			
	100, 104, 98, 107, 102, 101	50	excellent
		lower bake has definite effect	

coverage looks good, good flow & whiteness → no printing defects burning or yellowing

6 pm samples			
	97, 95, 95, 94, 90, 101	75	excellent
		purple ink < 5 rubs	

mostly white bake

Correct VPS Medium Catalysts

no ink problems, samples look good on mostly white bake

Correct VPS Medium Base

Customer Order # 5056 W/O 32500
56444

FINISHING INSPECTION CHART

Line 25

Customer Name DEXTER (BY1099 EPOXY PTC "B" 0151) 7/8 x 4 1/4
Structure # 316.4285.3002 Pkg'n/Label PART
Cap Supplier Kutter Cap # 310030 Lot # 66968 MFG. Date 9-18-96

DATE	TIME	INSP	NO. SPLS	CAP TORQUE	AIR TEST	DECO	INK MTCH	TAPE MEK	BMM	DIA. GAGE	COLD SEAL	COMMENTS		
SPECIFICATION				16 oz 5 oz	3#			3B-5B 40R	1/16	7/8	YES	Photo Sensor	PKGN LBLS	
8/20/97	10 5 Pm	TEW	18 6	28-26-29-20-23-28	OK	OK	OK	5B 40R	OK	OK	OK	—	OK	ABEL
	10 6 Pm	TEW	18 6	18-20-29-26-20-22	OK	OK	OK	-	OK	OK	OK	-		
	30 6 Pm	TEW	18 6	17-18-20-19-18-20	OK	OK	OK	40R	OK	OK	OK	-		
				Final										

LINE CLEARED BEFORE RUN TEW LINE CLEARED AFTER RUN TEW

Customer Order # 56329 CONTINUED FROM 5762

FINISHING INSPECTION CHART

Line 2-S

Customer Name DEXTER (BY1004 EPOX PTCH "B") 7/8 x 4 1/4

Structure # 316.4285.3001 Pkg'n/Label PARTS

Cap Supplier KUTTERER Cap # 310030 Lot # ____ MFG. Date ____

DATE	TIME	INSP	NO. SPLS	CAP TORQUE	AIR TEST	DECO	INK MTCH	TAPE MEK	BMM	DIA. GAGE	COLD SEAL	Photo Sensor	PKGN LBLS	COMMENTS
SPECIFICATION				1602 - 5602				3B-5B 40R	1/16	7/8	YES			
5/20/97	20 11 am	[illegible]	18 6	23-25-24-25-24-22	OK	OK	OK	5B 40R	OK	OK	OK	–	OK	
5/21/97	710 am	[illegible]	24 6	16-21-20-16-18-25	ok	ok	ok	5B 40R	ok	ok	ok	–	–	yellow consequents to dk scrap 3BXS D.P. fix OK
	805 am	[illegible]	24 6	29-21-24-16-18-22	ok	ok	ok	40	ok	ok	ok	–	–	
	930 am	[illegible]	24 6	19-17-20-17-21-20-	ok	ok	ok	40	ok	ok	ok	–	–	we did a check on new sleeves! They are actually scuffs from [illegible] & cannot be removed. [illegible]
	1020 am	[illegible]	24 6	29-20-19-18-22-16	ok	ok	ok	40	ok	ok	ok	–	–	
	1105 am	[illegible]	24 6	17-18-20-19-21-18	ok	ok	ok	40	ok	ok	ok	–	–	
				done										

LINE CLEARED BEFORE RUN ____ LINE CLEARED AFTER RUN [signature]

Fin-li2.WK

Customer Order # 56266

FINISHING INSPECTION CHART

Epoxi Patel pet c

Line 2S

Customer Name Dexter 7/8 x 4 1/4 BY1099 Pt 015

Structure # 316.42853002 Pkg'n/Label Partition

Cap Supplier Kuttera Cap # 310030 Lot # 66968 MFG. Date 9-18-96

DATE	TIME	INSP	NO. SPLS	CAP TORQUE	AIR TEST	DECO	INK MTCH	TAPE MEK	BMM	DIA. GAGE	COLD SEAL	COMMENTS		
SPECIFICATION				16oz 56oz	5#			38-SB 40R	1/16	7/8	yes	Photo Sensor	PKGN LBLS	Enrequets
5/21/97	1250lm	max	9 27	17-16-18-18-16-21-21-15-21	ok	no ampl		SB 40R	ok	ok	ok	—	ok	
	200lm	max	9 27	20-20-16-16-18-17-18-15-17	ok	ok	ok	40	ok	ok	ok	—	—	Set up OK
	300lm	max	9 27	22-19-20-16-21-17-18-15-20	ok	ok	ok	40	ok	ok	ok	—	—	
				finish										

LINE CLEARED BEFORE RUN [signature] May

LINE CLEARED AFTER RUN

Fin-li2.WK

Customer Order # 31079

90ML CORRECT VPS MED BODY CAT

FINISHING INSPECTION CHART

Line 5-A

Customer Name Generic Pentron 1 1/4 X 6 1/4

Structure # 318-4049-6703 Pkg'n/Label 87

Cap Supplier West Cap # 67 Lot # ____ MFG. Date ____

DATE	TIME	INSP	NO. SPLS	CAP TORQUE	AIR TEST	DECO	INK MTCH	TAPE MEK	BMM	DIA. GAGE	COLD SEAL	Photo Sensor	PKGN LBLS	COMMENTS
SPECIFICATION				24 OZ. 64 OZ.	4#			38 5B 40R	1/16	1 1/4	YES			
5-20-97	2:50 PM	P.Y.	27 9	34-56-45-48-62-43-45-38-42	OK	NO SAM	PLE	5B 40	OK	OK	OK	No		
	6:20 PM	Tew	18 9	50-47-49-42-40-46-46-43-38	OK	OK	OK	-	OK	OK	OK	-		ABEL
	7:20 PM	Tew	18 9	45-46-44-45-48-40-93-38-42	OK	OK	OK	40R	OK	OK	OK	-		
	Finished Variety Continue with 318-4049-6704. VPS MED Body BASE													Tew
	9:40 PM	Tew	18 9	40-43-38-89-46-42-43-46-48	OK	NO SAMPLE		40R	OK	OK	OK	-	OK	
	10:50 PM	Tew	18 9	43-46-42-46-44-45-35-37-42	OK	OK	OK	-	OK	OK	OK			
	11:40 PM	Tew	18 9	42-43-45-53-51-49-42-43-48	1 KR OK	OK	OK	5B 40R	OK	OK	OK			1 CROOKED CAP
5-21-97														
	7:30 AM	P.Y.	27 9	62-48-55-53-44-51-47-42-51	OK	OK	OK	5B 40	OK	OK	OK	No		
	8:10 AM	P.Y.	27 9	47-49-58-37-35-38-42-42-45	OK	OK	OK	5B 40	OK	OK	OK	NO		
	9:30 AM	P.Y.	27 9	50-39-46-56-43-50-55-54-52	OK	OK	OK	5B 40	OK	OK	OK	NO		
	10:15 AM	P.Y.	27 9	40-44-45-47-44-51-46-43-53	OK	OK	OK	5B 40	OK	OK	OK	NO		
	11:35 AM	P.Y.	27 9	43-47-42-47-45-51-43-49-48	OK	OK	OK	5B 40	OK	OK	OK	NO		

Fm-h2.WK

LINE CLEARED BEFORE RUN ____ LINE CLEARED AFTER RUN ____

Customer Order # P0225528

3238681 EXAFLEX HEAVY BASE

FINISHING INSPECTION CHART

Line 5-A

Customer Name GC America 1 1/4 X 6

Structure # 154.4049.6704 Pkg'n/Label

Cap Supplier West Cap # 607 Lot # MFG. Date

DATE	TIME	INSP	NO. SPLS	CAP TORQUE	AIR TEST	DECO	INK MTCH	TAPE MFR	BMM	DIA. GAGE	COLD SEAL	Photo Sensor	PKGN LBLS	COMMENTS
SPECIFICATION				24oz. 60oz.	4#			3858 40R	1/2"	1 1/4	NO			MAKE SURE GRAY IS
5-21-97	2:00 pm	P.Y.	27 9	47-47-42-51-43-45-48-42-47	OK	NO SAMPLE		58 40	OK	OK	NO	NO	OK	CORRECT COLOR →
	2:45 pm	P.Y.	27 9	44-43-47-50-49-43-50-47-43	OK	"	"	58 40	OK	OK	NO	NO		
	8:20 pm	FAW	18 9	34-35-41-28-32-38-34-32-35	OK	OK	OK		OK	OK	—	—		
	9:20 pm	FAW	18 9	31-36-30-19-20-24-31-41-36	OK	OK	OK	40R	OK	OK		—		
	10:20 pm	FAW	18 9	24-26-30-33-24-22-31-35-36	OK	OK	OK		OK	OK		—		YELLOW LIGHT & MISING ON TOP NEAR SHOULDER
	11:20 pm	FAW	18 9	40-33-40-66-54-55-33-37-34	OK	OK	OK	50 40R	OK	OK		—		
5-22-97	7:30AM	may	27 9	27-24-34-27-50-24-34-55-49	OK	OK	OK	50 40R	OK	OK		—		Sandy V green on quality yellow bell light
	8:00AM	may	27 9	35-35-39-36-35-27-37-33-31	OK	OK	OK	40R	OK	OK		—		
variety				154.4049.6704 Eraflex heavy base				Cate		132180			OK	M626903 (cap)
	8:55AM	may	27 9	26-32-37-33-20-42-39-34	OK	OK	Sandy	58 40R	OK	OK	—	—	OK	May
	10:55AM	may	27 9	27-37-33-36-38-31-41-56	OK			40	OK	OK	—	—	—	Margarita Sandy V
	11:55 AM	EC	27 9	32-37-49-42-37-35-42-38-35	OK	OK	OK	58 40R	OK	OK	—	—	—	
	12:55PM	may	27 9	37-33-36-32-27-38-31-56	OK	OK	OK	40	OK	OK	—	—	—	

Fm-52.WK

LINE CLEARED BEFORE RUN _____ LINE CLEARED AFTER RUN _____

FILM WEIGHT INSPECTION RECORD 60-90

DATE 5-21-97

LINE	TIME	COATING	4 SQ./IN FILMWHT	LINE	TIME	COATING	4 SQ./IN. FILMWEIGHT
2-S	12:45 pm	MORTON	125.3	DOU	TURNED	DOWN	-
2-S	1:05 pm	MORTON	125.0	DOU	TURNED	DOWN	-
2-S	1:30 pm	MORTON	82.3				
5-A	11:20 pm	MORTON	114.1				

DATE _____

DATE _____

J.L.CLARK
a member of the CLARCOR consumer products group

Date: March 11, 1997

To: John Benton*, Al Moore*

By: Glenn Ceckowski G.C.

Copies To: Jim Klotz, Polly Joa

4 pages total

Reference: Tube Division

Subject: Morton Polyester White Enamel Trials

F162

We conducted the Morton polyester white enamels trials at Tube Division on 2/20/97. Conclusions from the material trials are highlighted on page two. This trial comprised further testing of the five gallons of 379W25 which was reduced at Tube Division with DB Acetate (from the initial 1/15/97 trial). Akzo W27-1024 white polyester enamel was used as the comparison and control. Lines 7A and 8A were successfully running the W27-1024 on a 4-1/2 by 3/4 inch tube for Abro Industries and 6 by 1-1/4 inch tube for Rite Aid at the time the Morton trials were initiated. The Morton 379W25 five gallons was reduced with 20 oz of S150 solvent and 25 oz of DB Acetate.

The 379W25 material was introduced into the 7A coater and showed an orange peel problem compared to the W27-1024 run conditions. With minor adjustments, the flow out, hiding and orange peel looked better than the control and it was acceptable to the line operators and supervisor. The average film weight of eight successive coated tubes on was 96 mgs/4sqin compared to 130 mgs/4sqin with Akzo W27-1024. The gloss reading ranged from 60 to 85. All samples passed the 0T bend test and the tube crimp test with no fracturing of enamel. There was no evidence of hot tack problems. The solvent rub test conducted on printed tubes showed an end point of 70 MEK double rubs over the enamel, about 5 to 7 MEK double rubs over the inks, and 100+ Squalene double rubs over the inks. We obtained a wet sample so that Morton could conduct VOC analysis and viscosity test on the reduced material.

The 379W25 material was introduced into the 8A coater with almost no adjustments from the W27-1024 run conditions. However, mechanical problems on this line created many line stoppages during the test and many overbaked/burnt enamel tubes were produced. Many of the burnt enamel tubes did show enamel fracture after a bend test. The drying oven temperatures were reduced and this alleviated the burnt condition during the line stoppages. The average film weight of six successive coated tubes on was 120 mgs/4sqin compared to 140 mgs/4sqin with Akzo W27-1024. The gloss reading ranged from 60 to 85. All production samples passed the 0T bend test and the tube crimp test with no fracturing of enamel. The solvent rub test conducted on printed tubes showed an end point of 100 MEK double rubs over the enamel, about 25 MEK double rubs over the inks, and 100+ Squalene double rubs over the ink.

Further observations relative to the ink showed that the green, blue and red inks for the Rite-Aid tube washed out during the bake in the ink drying oven. This produced many scrap tubes. We have not been able to identify the source of this visual defect but physical characteristics do not appear to be lessened. We are providing Morton with samples of the three inks.

These line trial results show that the Morton 379W25 polyester enamel can achieve the appearance of the control enamel at comparable film weights.

A lower overall bake temperature is required for complete cure of the Morton versus the Akzo. But, the Morton will burn/crack at a lower temperature. No hot tack problems were identified.

The optimal film weight appears to be 95 to 120 mgs. Lower than 90 mgs does not provide adequate hiding or flow out.

The physical performance of the Morton exceeds the control in terms of solvent resistance and ink adhesion on the samples tested.

When properly baked, the gloss, crush test, tube crimp and white color were comparable.

Based on these test results we believe, the Morton 379W25 polyester can meet the performance needs of Tube Division and when fine tuned with solvent ratios for better flow and appearance, it could replace the Akzo material.

The entire 5 gallon sample was run out for these trials. The other 5 gallon sample of 379W138 was metered into the Akzo W27-1024 and used away with no problems.

Morton has given a cost of $22.60/gal for the 379W141 (the reduced version of the 379W25). The attached Cost Analysis sheet shows the cost comparison of the three line trials and we've highlighted the critical comparisons. During the 2/20/97 trials, when the Morton enamel is applied at 30 mgs lower than Akzo, it shows a 20% applied cost reduction.

If you have any questions, please contact us.

APPLIED COST

PRODUCT - CODE	Akzo W27-1024	Morton 379W141	Akzo W27-1024	Morton 379W141	Akzo W27-1024	Morton 379W141
CUSTOMER	Abro, line 3S	Abro, line 3S	Abro, line 7A	Abro, line 7A	Rite-Aid, line 8A	Rite-Aid, Line 8A
DATE	01/15/97	01/15/97	02/20/97	02/20/97	02/20/97	02/20/97
WT./GAL.	11.90	12	11.9	12	11.9	12
NVM(.00)	0.74	0.75	0.74	0.75	0.74	0.75
PRICE/GAL.	$20.65	$22.60	$20.65	$22.60	$20.65	$22.60
MGS./SQ.IN.	70.0	95.0	130.0	96.0	140.0	120.0
COST/BB@1MG	$0.1620	$0.1735	$0.1620	$0.1735	$0.1620	$0.1735
COST/BB@F.W.	$11.3386	$16.4782	$21.0574	$16.6517	$22.6772	$20.8146
COST/SOLID #	$2.3450	$2.5111	$2.3450	$2.5111	$2.3450	$2.5111
COST/1000@100mgs/TUBE	$0.5165	$0.5531	$0.5165	$0.5531	$0.5165	$0.5531
BB/GAL.@FILM WT.	1.821	1.371	0.981	1.357	0.910	1.086
V.O.C. PER GALLON	3.09	3.00	3.09	3.00	3.09	3.00

J.L. CLARK
a CLARCOR company

March 11, 1997

Steve Rendek
Lab Manager
Morton Industrial Coatings
33 Haynes Circle
Chicopee, MA 01020

Dear Steve:

Per our phone conversation with Tony, we are sending you tube samples, wet sample of 379W25 reduced, and wet ink samples from our line trial of 2/20/97. The Chemistry Lab has completed the comparative analysis to the control enamel but are reserving a formal report until the Tube Division completes theirs.

We hope that you'll take a look at the ink wash out problem on the Rite-Aid tubes. The wet ink samples represent ink directly from the ink well on the printer as the defect was being produced. We believe it may be a result of "overcure" of the top layer of the film such that the inks do not wet the surface properly (although, we still achieve adequate MEK rub resistance over the inks).

Please conduct a VOC analysis and a viscosity (K.U.) check on the wet enamel sample. We are interested in identifying the viscosity application range for any future trials.

If you have any questions, please contact us.

Sincerely

Glenn Ceckowski

Glenn Ceckowski
Chemist

cc: Tony Krisman (fax)
John Benton, Al Moore (Tube Div.)

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125
815/962-8861
FAX: 815/962-0417

DECORATION INVESTIGATION TUBE DIVISION LINE: 8A DATE: 2/20/97

Rite Aid 6' x 1 1/4"

Time	Material	Strandgauge	mg	visc	bake	COMMENTS
12:30pm	AKZO W27-1024					continuous line feeding problems
		3:20" coater oven				cause multiple delays.
		3:20" printer oven			No change	
1:00 pm.	Morton 379W25				tubes	are very hot, ~~[illegible]~~ accumulated
						time of oven stoppage → over 1 minute,
						no browning or darking color.
						Samples acquire represent oven stoppages
						- overall hiding and flow - everyone
						says really good and good color
	AKZO W27-1024	108, 153, 166, 131, 130, 152	$\bar{x}$=140		gloss $\bar{x}$=75,	OT - pass, MEK ink: 20
						MEK white: 80, Squalene: 100+
	Morton 379W25	106, 155, 113, 109, 133, 105	$\bar{x}$=120		gloss $\bar{x}$=75,	OT - pass, MEK ink: 25
						MEK white: 100+, Squalene: 100+

Application: 1. Orange peal
2. Bad flow out
3. No hiding
4. Thinned w/

Visc: 1. #4 Ford Cup
2. Zahn Cup
3. Viscometer

DECORATION INVESTIGATION TUBE DIVISION LINE: 7N DATE: 2/20/97

AKzo W27-1024 & Morton Abro - Epoxy Steel 4½' x 34'

Time	Material	Strandgauge	mg	visc	bake	COMMENTS
10:30 am	W27-1024	—			C-225F 325F	running smooth, heavy coverage
					P-225F 325F	pull eight samples from coater & printer
12:00 pm	379W25	3:15" coater oven			C-225F 325F	after adding 1 more per gallon of DB Ketone
		3:15" printer oven			P-225F 325	initial setting from AKZO film weight showed
						the Morton low/poor hiding and orange peel
						- after adjusting film weight up, hiding and
						flow out looks good.
1:00 pm	379W25	No change			→	after running 1 hour no defects,
						general comments from line operators are that it
						doesn't hide as well as control.
3/4/97	AKzo W27-1024	128, 130, 95, 144, 101, 150, 150, 101			$\bar{x}$ = 130	
	Morton 379W25	112, 72, 72, 113, 74, 112, 100, 115			$\bar{x}$ = 96	gloss: 60-85, OT hand: pass, no cracking
						MEK ink: 5-7, MEK white: 70, Squalene: 100+

Application:
1. Orange peal
2. Bad flow out
3. No hiding
4. Thinned w/

Visc:
1. #4 Ford Cup
2. Zahn Cup
3. Viscometer

Morton

RECEIVED
CLARK
FEB 19 10 55 AM '97

February 13, 1997

Ms. Polly Joa, Senior Buyer
JL Clark
2300 Sixth Street
P.O. Box 7000
Rockford, IL 61125

Dear Polly:

Morton is please to quote on the most recent trial of white coating at the Tubed Division.

	Morton Code	Description	Price/Gallon in Totes
9025 Reduced →	379W141	3.0 VOC White	$22.60

A) Above product is packaged in 250 gallon tote containers
B) Freight F.O.B., Downers Grove, IL, prepaid on 550 gallon combination shipments.

We thank you for this opportunity, and we look forward to supplying this product to JL Clark.

Very Truly Yours,
MORTON INTERNATIONAL, INC.
MORTON INDUSTRIAL COATINGS

Tony Krisman
Sales Manager, Metal Deco

cc: Jim Klotz, Director of Purchasing, JL Clark
Jerry Fleischman, Morton International, Inc.
Gary Hathaway, Morton International, Inc.
Tamara Cabey, Morton International, Inc.

Morton Industrial Coatings

Morton International, Inc., Haynes Circle, Chicopee, MA 01020
413/592-4191 Fax 413/594-7321

CLARK
member of the CLARCOR consumer products group

Date: January 15, 1997

To: Al Moore*

By: Glenn Ceckowski

Copies To: John Benton*, Jim Klotz, Polly Joa

Reference: Tube Division

Subject: Morton Polyester White Enamel Trials

F162

We attended the Morton polyester white enamels trials at Tube Division on 1/15/97 (the worst snow storm I've ever driven through). Tony Krisman from Morton was present. Two (2) samples of their polyester were available for testing; five (5) gallons of 379W25 the commercial product, and five (5) gallons of a reduced formula, the 379W138. Akzo W27-1024 white polyester enamel was used as the comparison and control. Line 3S was successfully running the W27-1024 on a 4-1/2 by 3/4 inch tube for Abro Industries at the time the Morton trials were initiated. Conclusions from the material trials are highlighted in the last paragraph.

The Akzo W27-1024 had been running on line 3S for many days and the line set up conditions (application roller, bake oven temperatures and material adjustments) required no modifications during the day. Based on our last VOC analysis of the W27-1024, it has 3.1 VOC, 73% weight solids, 11.9 lbs./gal., and a viscosity range of 95-105 Krebs Units. The average film weight of ten successive coated tubes was 70 mgs/4sq.in. Visually, we saw a significant orange peel that showed some metal through. The gloss reading ranged from 55 to 88, probably due to the orange peel. Normally on a tube with no orange peel, we expect to see near 100 gloss readings for the Akzo material. All samples passed the 0T bend test and the tube crimp test with no fracturing of enamel. The solvent rub test conducted on printed tubes showed an end point of only 15 MEK double rubs over the enamel, less than 5 MEK double rubs over the inks, and 100+ Squalene double rubs over the ink.

The Morton 379W138 was test first. It immediately showed orange peel and bad flow out on the tubes. After raising the film weight, the orange peel and hiding improved dramatically. The average film weight of ten successive tubes was 138 mgs/4sq.in. The coater oven temperature was dropped to 325F in hopes that the Morton flow out would improve. The flow out did improve and the film weight was lowered. However, we felt that it was not comparable to the control so the 379W138 trial was stopped.

The Morton 379W25 was reduced with 4 oz of S150 solvent and 4 oz of DB Acetate per gal. The material was introduced into the coater and showed a large flow out improvement compared to the W138 material. With minor adjustments, the flow out, hiding and orange peel looked better than the control and it was acceptable to the line operators and supervisor. The average film weight of ten successive coated tubes was 95 mgs/4sq.in. The gloss reading ranged from 63 to 80. All samples passed the 0T bend test and the tube crimp test with no fracturing of enamel. The solvent rub test conducted on printed tubes showed an end point of only 75 MEK double rubs over the enamel, about 5 to 7 MEK double rubs over the inks, and 100+ Squalene double rubs over the ink. Tony obtained a wet sample so that Morton could conduct VOC analysis on the acceptable material.

We believe the difference in polyester resin molecular weights and slightly different solvent balances accounts for the difference in flow out, viscosity and hiding power between the Akzo and Morton. The Akzo material is probably lower in molecular weight than the Morton. this can be accounted for in the lower MEK solvent resistance of the Akzo enamel. One thing to consider is the ease of clean up. Under air dry conditions, the Morton enamel will be more difficult to clean up than the Akzo. If you recall three and a half years ago when the switch to polyester from the vinyl was implemented, the line operators and machine set up personnel showed large resistance to the tougher clean up issue.

We expect the Tube division to conduct further trials with the remaining 379W25 sample that is already solvent reduced, in order to test different inks and bake conditions. We recommend trying applications on several different lines and conducting a thorough comparative analysis to the Akzo enamel. Both Tony and I agree that the remaining 379W138 sample can be used up rather than disposed of as waste by metering it into the Akzo enamel at a ratio of ne less than 1 gallon into four gallons. Attempts to further reduce the 379W138 sample with solvent would probably not be fruitful. Please contact us if you have any questions or concerns.

These line trial results show that the Morton 379W25 polyester enamel can achieve the appearance of the control enamel but ***not*** at comparable film weights. A lower overall bake temperature is required for complete cure of the Morton versus the Akzo. Also the physical performance of the Morton exceeds the control in terms of solvent resistance. Based on these test results we believe, the Morton 379W25 polyester can meet the performance needs of Tube Division and when fine tuned with solvent ratios for better flow and appearance, it could replace the Akzo material.

1/24/97 Tony Krisman (I left a message on his office voice mail)
VOC analysis is 3.0 lbs/gal on 379W25 reduction
due visicosity?
need Tube Div. analysis of material.
cost analysis?

DECORATION INVESTIGATION TUBE DIVISION LINE: 3 3 DATE: 1/15/97

AKZO W27-1024 polyester white, 10 arbors

Time	Material	Strandgauge	mg	visc	bake	COMMENTS
10:30	Start				c-371 p-398	pull coated samples #1-#10 application: #1, #3
10:45 - 11:00 AM	- Datapaq curve					
11:15 am						pull printed samples #1 - #10
end run						
	considered normal, acceptable for this print coverage, visually we saw orange peel					
average film wts:		68, 75, 63, 68, 74			$\bar{X}$ = 70 mg/4sq in	
	T bend :	pass OT, no fractures				
	gloss :	range of 55 - 88 due to hiding problems and flow out				
	MEK Rubs:	about 15 double rubs w/ 24 oz. hammer				
	ink adhesion MEK:	<5				
	" " squalene:	100 + double rubs w/ 24 oz hammer				

Application: 1. Orange peal
2. Bad flow out
3. No hiding
4. Thinned w/

Visc: 1. #4 Ford Cup
2. Zahn Cup
3. Viscometer

DECORATION INVESTIGATION TUBE DIVISION LINE: 35 DATE: 1/15/97

Morton 379W138, white polyester (per Tony, 108 K.U.)

Time	Material	Strandgauge	mg	visc	bake	COMMENTS
11:30 am	start				C-371 P-398	#1, #2 low film wt.
11:40 am						increase film wt. improves #1, #2, #3
"						take samples of high film wt #1-#10.
11:45 am	lower film wt.					samples #11-#20, MEK rubs very high
12:15 pm	Lower temp in coater oven				C-310 P-390	damper adjustment and burner adjustment
"	also added 5150 solvent					orange peel is less
12:25 pm	oven temp too low					low oven temp helps flow out, but very tacky
"		also arbor speed				changed, showed bad application
12:35 pm	raised oven temp, raised arbor speed				C-325 P-385	flow improved, no tackiness
12:45 pm						samples #21-#30, printed samples #1-10
	end trial					
	average film wts:	high film wt (#1-#10)			- 138, 141, 143, 150, 120	$\bar{X}$ = 138
		low film wt. (#11-#20)			- 56, 57, 57, 68, 64	$\bar{X}$ = 60
	T-bend:	pass OT, no fracture				
	MEK:	100+ double rubs w/ 24 oz. hammer				
	ink adhesion MEK:	50 or 6				
	" " squalene:	100+ double rubs w/ 24 oz. hammer				

Application:
1. Orange peal
2. Bad flow out
3. No hiding
4. Thinned w/

Visc:
1. #4 Ford Cup
2. Zahn Cup
3. Viscometer

DECORATION INVESTIGATION TUBE DIVISION LINE: 3J DATE: 1/15/97

Morton 379W25 reduced w/ 4 oz S150 & 4 oz DB Acetate (Butyl Carbitol) per gal W25.

Time	Material	Strandgauge	mg	visc	bake	COMMENTS
3:15 pm	start				P-427 C-368	flow looks better than the
						379W138.
3:30 pm					P-412 C-360	looks good, ran ~~two~~ whole boxes
"					"	white samples #31-40
"					"	printed samples #11-20
	end trial					
	after reduction, flow looked acceptable					
	average film wts:	81, 90, 93, 108, 104			$\bar{x}$ = 95 mg/4 sq in	
	T-bend :	pass OT, no fracture				
	gloss :	range of 63-80	due to orange peel			
	MEK Rubs:	about 75 double rubs			w/ 24 oz. hammer	
	wet adhesion MEK:	5 or 6				
	" " squalene:	100+ double rubs			w/ 24 oz hammer	

Application: 1. Orange peal
2. Bad flow out
3. No hiding
4. Thinned w/

Visc: 1. #4 Ford Cup
2. Zahn Cup
3. Viscometer

J.L.CLARK
a member of the CLARCOR consumer products group

Glenn - I am trying to set up now w/ Tony K. waiting for return phone call. [illegible] 11/30.

Tube Div: Have you had discussions with Morton about a Line trial? Please notify me when the Line trial has been scheduled [illegible]

Material No: Morton 379W25
Date: November 21, 1996

LABORATORY PROJECT REPORT
CUSTOMER: n/a
REQUESTED BY: Glenn Ceckowski

OBJECT: Evaluate Morton 379W25 White Polyester Tube enamel on aluminum tubes and compare with control Akzo enamel. The 379W25 Technical Data Sheet is attached.

PRELIMINARY DATA: A TDS review of the previous Morton 379W78 tube enamel shows that the 379W25 is very similar in viscosity, weight solids, weight/gallon, and VOC. The 379W25 aluminum tube enamel is a commercial product. The Akzo aluminum tube enamel is 5% less weight solids, 0.5 lbs/gal less, and 15 KU lower than the Morton submission.

TEST METHOD: Lab coat aluminum tube panels, Standard Lab Series

TEST RESULTS: Refer to attached matrix for physical results.
For the same application of wet film thickness, the Morton enamel showed higher dry film weight than the Akzo enamel. We did notice a longer flow out time was required after the wet application for the Morton enamel to achieve a smooth surface.
Visual - the Morton enamel showed the same hiding as the Akzo enamel when comparing low to low film weights and high to high film weights. We considered both enamels very acceptable in terms of hiding.
Visual - the Morton enamel appeared to be very slightly more yellow under all bake conditions than the Akzo enamel. The difference in gloss could account for this. Furthermore, no burning was seen in the Morton enamel relative to overbake conditions. We were unable to test for tackiness or ink adhesion.
The flexibility and adhesion of both enamels were nearly identical. No brittleness was observed at the higher bake temperatures.
The Morton enamel showed much higher MEK solvent resistance than the Akzo enamel. The Morton material cleaned up easily with the 24 vinyl thinner.

CONCLUSIONS: Based on this evaluation and the TDS information, we are concerned that the Morton enamel may show an application problem similar to the 1993 line test of the 379W78 that was conducted at Tube Division. We believe the Morton enamel has some room for viscosity reduction that would lead to improved flow out ability. In all other aspects, the Morton enamel appears to be a suitable replacement for the Akzo enamel.

RECOMMENDATIONS: Discuss viscosity and weight solids reduction with Morton in order to improve flow out. The next step is either re-evaluate the modified enamel in the lab or conduct a 5 gallon line test at Tube Division in order to test actual application and other tube conditions; ink adhesion, tackiness, overbake for brittleness and yellowness.

cc: P. Joa, J. Klotz, J. Benton*, A. Moore*, S. Johnson*

J. L. CLARK FAX

a member of the **CLARCOR** *consumer products group*

To: **JOHN BENTON** **TUBE DIVISION** Date: 12/9/96

From: Glenn Ceckowski

Copy: Jim Klotz, Polly Joa

Ref:

Sub: White Enamel Suppliers

Total pages 1 including this cover sheet.

MESSAGE

Within the past week at Rockford Division, we've had discussions with Craig Kenworthy, ICI Glidden Coatings and Eugene Furey, Technical Coatings Co. about white tube enamels. With the partnership issues at Akzo and the testing of the Morton enamels, we've opened discussions with these other suppliers to investigate the opportunity at Tube Division. Would you please contact us today so we can discuss your position relative to alternative coating suppliers.

To this point, we have shared only verbal information about the tube enamel specifications and would like to further investigate their materials. According to Gene Furey, Technical Coatings currently supplies Victor Tube and Peerless Tube with a white enamel(s). He had volunteered to provide us with some of those white tubes. According to Craig Kenworthy, ICI Glidden has numerous European white tube enamels but the domestic usages are unfamiliar. He would like to opportunity to investigate the Tube Division coating operation for supplier/partnership reasons.

12/9/96 Response from J.B.
hold on Technical Coatings and ICI until Morton trials are completed.

J. L. Clark Tube Division
A *CLARCOR* company

MEMO TO: Al Moore

DATE: November 5, 1996

CC: G.Ceckowski, J. Klotz, P. Joa

FROM: John Benton

REFERENCE:

SUBJECT: MORTON CONVERSION

Please review Glenn's note and make arrangements for what is the next step - lab test or test here. We must keep this ball rolling.

Post-it® Fax Note 7671	12/5 Date	# of pages ▶ 1
To Glenn Ceckowski	From John Benton	
Co./Dept.	Co. AL	
Phone #	Phone #	
Fax #	Fax #	

JB - I have made contact w/ Tony K. He is sending 2 5-gal pails in here. After they are here, I will arrange to have him + Glenn in for a trial run. Two interesting things from my discussion w/ Tony:

1. The only other tube company they've sold this to is Delco.
2. They have not made changes since our line trials which gave us a lot of splattering.

Al

J.L.CLARK
a member of the CLARCOR consumer products group

Tube Div: Have you had discussions with Morton about a Line trial? Please notify me when the Line trial has been scheduled Glenn

Material No: Morton 379W25

LABORATORY PROJECT REPORT

Date: November 21, 1996

CUSTOMER: n/a

REQUESTED BY: Glenn Ceckowski

OBJECT: Evaluate Morton 379W25 White Polyester Tube enamel on aluminum tubes and compare with control Akzo enamel. The 379W25 Technical Data Sheet is attached.

PRELIMINARY DATA: A TDS review of the previous Morton 379W78 tube enamel shows that the 379W25 is very similar in viscosity, weight solids, weight/gallon, and VOC. The 379W25 aluminum tube enamel is a commercial product. The Akzo aluminum tube enamel is 5% less weight solids, 0.5 lbs/gal less, and 15 KU lower than the Morton submission.

TEST METHOD: Lab coat aluminum tube panels, Standard Lab Series

TEST RESULTS: Refer to attached matrix for physical results.
For the same application of wet film thickness, the Morton enamel showed higher dry film weight than the Akzo enamel. We did notice a longer flow out time was required after the wet application for the Morton enamel to achieve a smooth surface.
Visual - the Morton enamel showed the same hiding as the Akzo enamel when comparing low to low film weights and high to high film weights. We considered both enamels very acceptable in terms of hiding.
Visual - the Morton enamel appeared to be very slightly more yellow under all bake conditions than the Akzo enamel. The difference in gloss could account for this. Furthermore, no burning was seen in the Morton enamel relative to overbake conditions.
We were unable to test for tackiness or ink adhesion.
The flexibility and adhesion of both enamels were nearly identical. No brittleness was observed at the higher bake temperatures.
The Morton enamel showed much higher MEK solvent resistance than the Akzo enamel.
The Morton material cleaned up easily with the 24 vinyl thinner.

CONCLUSIONS: Based on this evaluation and the TDS information, we are concerned that the Morton enamel may show an application problem similar to the 1993 line test of the 379W78 that was conducted at Tube Division. We believe the Morton enamel has some room for viscosity reduction that would lead to improved flow out ability. In all other aspects, the Morton enamel appears to be a suitable replacement for the Akzo enamel.

RECOMMENDATIONS: Discuss viscosity and weight solids reduction with Morton in order to improve flow out. The next step is either re-evaluate the modified enamel in the lab or conduct a 5 gallon line test at Tube Division in order to test actual application and other tube conditions; ink adhesion, tackiness, overbake for brittleness and yellowness.

cc: P. Joa, J. Klotz, J. Benton*, A. Moore*, S. Johnson*

J.L.CLARK
a member of the CLARCOR consumer products group

Date: March 14, 1995

By: Glenn Ceckowski G.C.

Post-it® Fax Note 7671	Date 11/17	# of pages ▶ 3
To John Benton	From G. Ceckowski	
Co./Dept.	Co.	
Phone #	Phone #	
Fax #	Fax #	

FAX COPY SENT
MAR 1 4 1995

Reference:

Subject: Tube Division

H-23 Lining FDA Status

F162

We have reviewed the FDA status of the 374-C27-5020, H-23 epoxy lining, with Akzo Nobel. At present, this material formulation fails to meet the FDA approval for 21 CFR 175.300. Jim Cowie has revised this material to meet our request for its FDA approval.

374-C27-0100 epoxy lining has been modified from the H-23 formula in order to pass FDA approval under 21 CFR 175.300. The attached pages are confirmation letters from Akzo Nobel.

Jim Cowie has sent a five gallon sample of the reformulated material to Tube Division. Tube Division is to conduct a trial of this material and evaluate carefully its performance characteristics compared to the "old" H-23 lining. We do not expect any complications with the C27-0100 material because the formula change is only a slight modification to the catalyst system, the required bake will remain the same. We will be at Tube Division on 3/16 and will discuss the line trial of this material at that time.

We have also proposed to Akzo Nobel a review of the VOC status of this material. Currently it is a 6.2 VOC and is some concern relative to inside and outside air emissions. They will respond back to us as to the viability of lowering the VOC without sacrificing the excellent application characteristics.

If you have any questions please contact us.

2-butoxymethanol → glycol ether?

7/14/95

374 C27-5022
Lower VOC - 5.8

AKZO NOBEL

February 24, 1995

Mr. Glen Ceckowski
J.L. Clark
2300 Sixth Street
P.O. Box 7000
Rockford, IL 61125

Dear Mr. Ceckowski:

Enclosed is the MSDS and TDS for 374-C27-0100, Epoxy Lining. This coating is FDA approvable and is based on the H23 that J.L. Clark currently purchases.

Five gallons of this coating was shipped on February 23, 1995 to J.L. Clark, Downers Grove plant for evaluation.

If you have any questions concerning this product, please call me at (708) 872-1000 Ext. 263.

Sincerely,

Jim Cowie

Jim Cowie
Group Leader
Specialty Coatings

JC:cl

3/10/95 Per Jim Cowie

374-C27-0100 is FDA approved under 21 CFR 175.300.

Glenn

AKZO NOBEL

Technical Data

Container Coatings Division

CUSTOMER J.L. Clark

AKZO CODE 374-C27-0100 PRODUCT NAME Epoxy Lining

CUSTOMER CODE COLOR Clear Yellow

SUGGESTED USE Internal Liner for Collapsible Tubes

PHYSICAL DATA

Non-Volatiles (Vol.) 12.92 +- 2.00% Resin Type Modified Epoxy

Non-Volatiles (Wt.) 17.14 +- 2.00% Solvents Aromatic, Ketones

Weight Per Gallon 7.47 +- 0.20 V.O.C. (ASTM #D 3960-89) 6.19

*Viscosity 18 - 20 Seconds Lube None

Flash Point 25 F Closed Cup Specific Gravity

Non-Volatiles (ASTM # D3960-89

APPLICATION DATA

Substrate: TFS ____ ETP ____ Other *1

Recommendations

Film Weight: mg./sq. in ____ ____ 5 - 8

Application Viscosity As Required

Cure Speed

Bake 450 °F Metal Temp. For 10 Minutes

Alternate Bake ____ °F Metal Temp. For ____

*Method of Application ____ Rollcoat X Spray ____ Coil ____ Other

Method of Reduction ____ Heat *2 Solvent

Thinners for Clean-Up MEK

ADDITIONAL INFORMATION

Mixing & Storing Instructions: Mix well before using. Recommend to use product in 6 months or less.

Store at 77°F or below for maximum stability.

FDA status: X Yes ____ No Process: ____ Yes X No ____ Limited*

*COMMENTS: Viscosity measured using #4 Ford Cup @ 77 F.

*1 The substrate is aluminum tubes

*2 D.B.E. or cyclohexanone can be used for reduction.

DATE February 23, 1995

SIGNATURE Michael L. Hammer

This technical information is offered solely for your evaluation. Akzo Nobel Coatings Inc. makes no warranty nor assumes legal liability for results based upon use of our data and suggestions. Disclosure of ideas contained herein is neither authorization to operate

WATSON STANDARD

PROTECTIVE COATINGS

Technical Data

Sample Request No.: TDS ONLY

Spec. No.: 34-847

J L CLARK MFG CO

Date: 09/14/95

Attn.: Mr. Glenn Ceckowski

Page: 1

Product:	Gold Coating
Code:	10-084-A
Suggested Use:	Coating for Metal
Type Coating:	Phenolic
Solids (Weight): ASTM D-2369-93	25.5 +/- 2.0%
Viscosity:	17" +/- 2" @ 77F - #4 Ford Cup
Wt./Gal,:	7.89 +/- 0.1 lbs.
VOC:	5.9 lbs./gal.
Flash Point: Pensky-Martens Closed Cup	98F - ASTM D93-85
Surface:	Aluminum Alloy, Tin Tubes
Application:	Flush or Spray
Recommended Reduction:	None
Suggested Film Thickness:	6-8 mgs./4 sq. in.
Cure Schedule:	Bake: 375F for 10' Peak Metal Temperature

Pertinent Information:
MIX WELL BEFORE USING
Use within six months of manufacture date

This technical data sheet is derived from actual production history, using recognized statistical methods and is subject to revision based on continued process refinement.

The information concerning Watson Standard's coating contained in this technical data sheet is taken from the results of tests conducted in our laboratory under normal laboratory conditions. Different results might be obtained in commercial use of this coating under factory or field conditions. WATSON STANDARD MAKES NO WARRANTY THAT THE RESULTS REPORTED IN THIS TECHNICAL DATA SHEET WILL BE OBTAINED IN COMMERCIAL USE OR FIELD CONDITIONS. ALL SALES OF WATSON STANDARD COATINGS ARE MADE SUBJECT TO WATSON STANDARD'S NORMAL TERMS AND CONDITIONS OF SALE, WHICH ARE STATED IN WRITING ON WATSON STANDARD'S ORDER FORM.

WATSON STANDARD

PROTECTIVE COATINGS

Technical Data

Sample Request No.: TDS ONLY

Spec. No.: 34-848

J L CLARK MFG CO

Date: 09/14/95

Attn.: Mr. Glenn Ceckowski

Page: 1

Product:	Gold Coating
Code:	10-084-CF
Suggested Use:	Coating for Metal
Type Coating:	Phenolic
Solids (Weight): ASTM D-2369-93	25.5 +/- 2.0%
Viscosity:	17" +/- 2" @ 77 F. - #4 Ford Cup
Wt./Gal,:	7.90 +/- 0.2 lbs.
VOC:	5.9 lbs./gal.
Flash Point: Pensky-Martens Closed Cup	98 F. - ASTM D93-85
Surface:	Aluminum Alloy, Tin Tubes
Application:	Flush or Spray None Required
Recommended Reduction:	None
Suggested Film Thickness:	6-8 mgs./4 sq. in.
Cure Schedule:	Bake: 375 F. for 10' Peak Metal Temperature

Pertinent Information:
MIX WELL BEFORE USING
Use within six months of manufacture date

This technical data sheet is derived from actual production history, using recognized statistical methods and is subject to revision based on continued process refinement.

The information concerning Watson Standard's coating contained in this technical data sheet is taken from the results of tests conducted in our laboratory under normal laboratory conditions. Different results might be obtained in commercial use of this coating under factory or field conditions. WATSON STANDARD MAKES NO WARRANTY THAT THE RESULTS REPORTED IN THIS TECHNICAL DATA SHEET WILL BE OBTAINED IN COMMERCIAL USE OR FIELD CONDITIONS. ALL SALES OF WATSON STANDARD COATINGS ARE MADE SUBJECT TO WATSON STANDARD'S NORMAL TERMS AND CONDITIONS OF SALE, WHICH ARE STATED IN WRITING ON WATSON STANDARD'S ORDER FORM.

Company	EIANLAKK A/S	Commercial product name	IT404-077
Address	P.O.Box 23 N-3051 Mjøndalen NORWAY	Use	SPRAY LACQUER FOR TUBES
		Responsible person	Kjell Lange

1. CLASSIFICATION / LABELLING

Symbols		R-phrases	R-20/21/22 :Harmful by inhalation, in contact whith skin and if swallowed R-36/37/38 :Irritating to eyes, respiratory system and skin
HARMFUL		S-phrases:	S-38 :In case of insufficient ventilation, wear suitable respiratory equipment S-24/25 :Avoid contact whith skin and eyes.
*OAR-group	4		
*OAR-figure	2 014		

2. TRANSPORT CLASSIFICATION

UN	IMDG	ADR/RID	ICAO/IATA	ACEFIC
1263	3.3 page 3149	3,31(C)	—	595-30 0 35

3. COMPOSITION

	Weight %	Hazard Class	T.L.V.
XYLEN	10-30 %	Xn	100
2-(2-ETHOXYETHOXY)-ETHANOL	10-30 %	Xi	100
1-METHOXY-2-PROPANOL, ACETATE	1-5 %	Xi	100
1-METHOXY-2-PROPANOL	10-30 %	Xi	100
2-METHYL-1-PROPANOL	1-5 %	Xn	50

4. PHYSICAL DATA

Colour/Smell	CLEAR YELLOW LIQUID, ODOUR OF SOLVENT		
Physical State/ Consistency	☐ SOLID (lumps,road) ☐ POWDER ☐ PASTE ☒ LIQUID ☐ GAS ☐ AEROSOL		
Vapour pressure (°C) mmHg - kPa	Solubility in water 20°C ☒ Not soluble ☐ Partly soluble ☐ Soluble	☒ Soluble in organic solvents	
S.G. of vapour (air=1) >1	Density (°C) 0,98 kg/m³	Viscosity 25 ± 3sek.	pH (Cons.): pH (%):
Melting point/ Range - °C	Boiling point/ Range 107,0- 205,0 °C	Other data	
Explosion limits 0,6 - 11,3 Vol%	Ignition temprature 204,0 °C	Flash point 33,0 °C	☒ Methode Closed cup ☐ Not known ☐ Open cup
Reactivity			

5. TOXICOLOGICAL DATA

LD_{50}
LC_{50}

*OAR = Occupational Air Requirements According to Norwegian Regulations

DATA SHEET

PRODUCT	DESCRIPTION:	Inside lacquer for collapsible tubes IT 404-077
	TYPE:	Epoxy-phenolic
	SUGGESTED USE:	Inside lacquering of collapsible tubes for pharmaceuticals and fluoride toothpaste.
SPECIFICATIONS	VISCOSITY DIN 4-20°C	25 ± 3 sec.
	DRY SOLIDS	34 ± 1%
	SPECIFIC GRAVITY	0.986 g/cm^3
	THINNER	Xylen:Propylenglycolether 1:1
	FLASH POINT	33°C
APPLICATION	METHOD	Spraying
	SURFACE	Aluminium
	COATING WEIGHT	3 - 6 mg/in^2
	FILM THICKNESS	5 - 10 microns
	CURING	230°C - 12 min. E-control
REMARKS	The lacquer is produced from raw materials which meet the requirements from BGA and FDA. It is important not to overcure the lacquer, because this will make it brittle. STORAGE STABILITY 3 months.	

N-3050 Mjøndalen, Norway. Tel. 3 87 87 80. Telex 18746

Telefon 055 74 11 51 Telex 875 363 kolk ch Telefax 055 75 32 02 [redacted] CH-8722 Kaltbrunn/Switzerla

TECHNICAL DATA

TUBE ENAMEL A 4 8 2 3 WHITE

CATEGORY	PUR-modified polyester	
USE	Exterior varnishing of aluminium tubes and shells	
CHARACTERISTICS	Pronounced covering and excellent gloss in a broa temperature spectrum; good adherence and crush-test after entire curing tack-free in the heat; excellen resistance to sterilization and chemicals, especiall to sodium-lauryl-sulphate; extremely high resistanc to temperature and yellowing.	
INDICES	Viscosity at 23° C	approx. 90 - 100" DIN (approx. 3000-4000 mPas
	Solids content	64 %
	Specific gravity	1,3 g/cm^3
	Flash point	45° C Danger class A II
	Storage stability	6 months (best temperature 5 - 20° C)
	CEPE-code	2000
APPLICATION	Roller coating	
STOVING SCHEDULE	According to machines	
	e. g. Pre-drying	5 min. at 100° C
	Stoving	5 min. at least 160° C

It is necessary to stove so long that the film does not stick not even in the heat and that a sufficient resistance to acetone is reached, 20 rubs with a cotton swab; consequently you also get the best crush-test.

To test the tack-freeness our stick test apparatus is suitable, which we developed especially.

THINNING / CLEANING	If needed (e. g. after longer storage) with Kolack-thinner V 1021

These datas are based on numerous tests in our laboratory as well as on international experiences in practice. Since our products are processed under different conditions and used for different purposes, we are not able to accept any liability.

OUR EXPERIENCED TECHNICAL SERVICE WILL ALWAYS BE AT YOUR DISPOSAL!

Prepared on: 30.04.1992 WS/fz

Type A 103-A001

OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List) A 4823

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name Kolack Ltd.	Emergency Telephone Number 055/74'11'51
Address (Number, Street, City, State, and ZIP Code) E[illegible] Kaltbrunn	Telephone Number for Information 055/74'11'51
	Date Prepared 03.12.1992
	Signature of Preparer (optional) [illegible]

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Benzylalcohol		-- ppm		2 %
n-Butanol		50 ppm		3 %
Butylglycolacetate			20 (MAK)	2 %
Solvent Naphta		100 ppm		26 %

Section III — Physical/Chemical Characteristics

Boiling Point	115-210°C	Specific Gravity (H_2O = 1)	1,3 g/cm^3
Vapor Pressure (mm Hg.)		Melting Point	
Vapor Density (AIR = 1)	> 1	Evaporation Rate (Butyl Acetate = 1)	slow

Solubility in Water: non soluble

Appearance and Odor: liquid, white, mild

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) 45° C (Setaflash) 113° F	Flammable Limits	LEL	UEL

Extinguishing Media: foam or dry extinguisher

Special Fire Fighting Procedures

Unusual Fire and Explosion Hazards

Stability	Unstable		Conditions to Avoid
	Stable	X	at normal conditions

Incompatibility (*Materials to Avoid*)

Hazardous Decomposition or Byproducts

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? Skin? Ingestion?

Health Hazards (*Acute and Chronic*)

Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?

Signs and Symptoms of Exposure

Medical Conditions Generally Aggravated by Exposure

ergency and First Aid Procedures
ing afflicted person out of danger zone, take away afflicted clothes, if required
il a doctor.

ction VII — Precautions for Safe Handling and Use

eps to Be Taken in Case Material Is Released or Spilled
After spillage or running out please pick it up with sand or similar absorbing material.
Do not let it get to the canalisation.

Waste Disposal Method
Burn in a chemical waste incinerator.

Precautions to Be Taken in Handling and Storing
No smoking, naked flames or other sources of ignition permissible in working areas.
Sealed, clearly labelled drums must be stored in flammable liquid area which should be well ventilated and away from direct sources of beat.-

Other Precautions

Section VIII — Control Measures

Respiratory Protection (*Specify Type*)

Ventilation	Local Exhaust	Special
	Mechanical (*General*)	Other

Protective Gloves	Eye Protection
rubber or plastic	

ner Protective Clothing or Equipment
pron, head and face protection should be worn

Work/Hygienic Practices

USGPO 1988-491-529/45775
Type A103-A001

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: GOLD COATING.
PRODUCT CODE: 10-084-A

HMIS CODES: H 2 F 3 R 1 P G

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: WATSON STANDARD COMPANY
ADDRESS: WATSON STANDARD CO., BOX 11250, Pittsburgh, Pa. 15238
EMERGENCY PHONE: 412-362-8300 INFORMATION PHONE: 412-362-8300
DATE REVISED : 01-20-90 NAME OF PREPARER : DEAN REED
REASON REVISED : UPDATING

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS OSHA PEL	ACGIH TLV	OSHA STEL	VAPOR PRESSURE mm Hg @ TEMP		WEIGHT PERCENT
*ETHYLENE GLYCOL MONOETHYL ETHER	110-80-5	200 PPM	5 PPM		3.3	68F	12
*METHYL ISOBUTYL KETONE	108-10-1	50 PPM	50 PPM	75 PPM	15.0	68F	21
*FORMALDEHYDE	50-00-0	1 PPM	1 PPM	2 PPM	N/A		0.48
*PHENOL	108-95-2	5 PPM	5 PPM		0.4	68F	4
DIACETONE ALCOHOL	123-42-2	50 PPM	50 PPM		1.0	68F	15
PETROLIUM DISTILLATES	64742-95-6	100 PPM	100 PPM	150 PPM	3.6	68F	20
*1,2,4-TRIMETHYLBENZENE	95-63-6	25 PPM			N/A		5
*XYLENE	1330-20-7	100 PPM	100PPM	150 PPM	5.1	68F	2

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 208 to 337 Deg F SPECIFIC GRAVITY (H2O=1): 0.9
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
COATING V.O.C. : 5.36 LB/GL (643 G/L) VOLATILE BY VOLUME: 73.6%
SOLUBILITY IN WATER: NEGLIGIBLE
APPEARANCE AND ODOR: FAINT ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 98 DEG F METHOD USED: PM/CC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0% UPPER: 15.6%

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus is recommended to protect firefighters from any ardous combustion products. A straight water stream may spread fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Exposure to extreme heat may cause pressure build up in closed containers. A vapor accumulation may flash or explode if ignited.

SECTION V - REACTIVITY DATA

'ABILITY: STABLE

CONDITIONS TO AVOID

High heat/open flames/ignition sources.

INCOMPATIBILITY (MATERIALS TO AVOID)

Strong oxidizers, strong acids, amines, bases, mercaptans, and metals.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Carbon monoxide,carbon dioxide,butyraldehyde,phenol,formaldehyde,toxic vapors.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Inhalation: Dizziness, breathing difficulty, and loss of coordination.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Eye contact: Severe irritation, tearing, redness and blurred vision.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Skin contact: Can dry and defat skin causing cracks, irritation and dermatitis.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Ingestion: Can cause gastrointestinal irritation, vomiting, nausea and dermatitis.

HEALTH HAZARDS (ACUTE AND CHRONIC)

Inhalation-Dizziness, breathing difficulty, headaches, and loss of coordination. Eye contact-Severe irritation, tearing, redness, and blurred vision. Skin contact-can dry and defat skin causing cracks, irritation, and dermatitis. Ingestion-Can cause gastrointestinal irrition, vomiting, nausea, and diarrhea.

CARCINOGENICITY: NTP? YES IARC MONOGRAPHS? YES OSHA REGULATED? YES

Formaldehyde is listed as a suspect carcinogen.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Anesthesia, respiratory tract irritation, dermatitis, nausea, vomiting.

EMERGENCY AND FIRST AID PROCEDURES

Inhalation overexposure-Move person to fresh air. If breathing stops, apply artificial respiration and seek immediate medical attention. Eye contact-flush with large quantities of water for 15 minutes. Skin contact-Wash thoroughly with soap and water and see a doctor. Ingestion-Do not induce vomiting, can cause chemical pneumonitis and pulmonary edema. Contact a physician immediately.

========== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE ========

'EPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

ventilate closed areas and remove all ignition sources. Wipe up immediately and safely discard absorbents. For large spills, dike the area and pump material to waste container with properly grounded equipment.

WASTE DISPOSAL METHOD

Collect absorbent and spilled liquid mixture in metal container. Consult local and federal hazardous waste regulations before disposing into approved hazardous waste landfills. Obey relevant laws.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Use non-sparking utensils when handling this material. Avoid hot metal surfaces. Use in cool, well-ventilated areas. Keep containers closed when not in use. Keep away from heat and open flames.

OTHER PRECAUTIONS

Smoking in area where this material is used should be strictly prohibited. Tools used with this material should be made from aluminum, brass or copper. Plastic utensils should not be used. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS CAUSE PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

========== SECTION VIII - CONTROL MEASURES ==========

RESPIRATORY PROTECTION

When spraying this material use a NIOSH approved cartridge respirator or gas mask suitable to keep airborn mists or vapor concentrations below the time weighted threshold limit values. When using in poorly ventilated and confined spaces use a fresh-air supplying respirator or a self-contained breathing apparatus.

VENTILATION

General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below TLV. Ventilation equipment must be explosion proof.

PROTECTIVE GLOVES

Impermeable chemical handling gloves for skin protection.

EYE PROTECTION

Use chemical safety glasses, goggles and face shields for eye protection.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Use impermeable aprons and protective clothing whenever possible to prevent skin contact. The use of head caps whenever possible is strongly recommended.

WORK/HYGIENIC PRACTICES

Eye washes and safety showers in the workplace is recommended.

========== SECTION IX - DISCLAIMER ==========

Although the information and recommendations set forth herein (hereafter "INFORMATION") are presented in good faith and believed to be correct as of the date hereof, Watson-Standard makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Watson-Standard be responsible for damages of any nature whatsoever resulting from the use of or reliance upon Information. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.

MATERIAL SAFETY DATA SHEET

F...S: H2* F3 R1 Date Prepared: 07/29/88

PREPARED-FOR:

01999952 HANNA CHEMICAL COATINGS
1629 VANDERBILT RD.
BIRMINGHAM AL 35234

PREPARED-BY:

HANNA CHEMICAL COATINGS CORP.
1629 VANDERBILT ROAD
BIRMINGHAM AL 35234

Emergency Phone Number: (205) 323-5201 Information Number: (205) 32

SECTION I - PRODUCT INFORMATION

Tradename: NA Product No. XR1215

Product - Class: WHITE TUBE ENAMEL

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Ingredients	CAS No.		Occupational Exposure Limits TLV	PEL	UNITS	V P m
POLY VC/VA	09003229	15.3 %	10.	15.	mg/M3	N
ACID MODIFIED POLY VC/VA	25085829	3.9 %	10.	15.	mg/M3	N
...OPHORONE	00078591	23.9 %	5.	25.	ppm	
...ENE	01330207	52.6 %	100.	100.	ppm	
(XYLOL)						
(MIXED DIMETHYL BENZENES)						
METHYL ISOBUTYL KETONE	00108101	1.0 %	50.	100.	ppm	1
(MIBK)						
(4-METHYL-2-PENTANONE)						
PROPYLENE OXIDE	00075569	.5 %	20.	100.	ppm	44

SECTION III - PHYSICAL DATA

Boiling Range: 94 - 424 F Vapor is heavier than Air.

Evaporation rate is slower than ether. % Volatile (vol) 85.50 wt/gal 8.07

SECTION IV - FIRE AND EXPLOSION HAZARDS DATA

FP -35 F LEL .80% Flammability Class (OSHA): FLAMMABLE LIQUID - 1A

Extinguishing Media: Foam, Carbon dioxide or dry Chemical.

UNUSUAL FIRE AND EXPLOSION HAZARD: During emergency conditions, overexposure to decomposition products (See section VI - reactivity data) may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

Keep containers tighty closed. Isolate from heat, spark and open flame. Closed containers may explode when exposed to extreme heat.

:CIAL FIREFIGHTING PROCEDURES: Water may be ineffective in fighting fire. If water is used to cool closed containers to prevent pressure build-up, fog-nozzles are preferred. Full protective equipment, including self-contained breathing apparatus is needed to protect fire fighters from exposure to coating's hazardous ingredients and hazardous combustion products.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: HARMFUL IF INHALED. IRRITATING TO EYES, SKIN AND RESPIRATORY TRACT.

OTHER SYMPTOMS MAY INCLUDE: dizziness, nausea, headache, anesthesia, vomiting.

MEDICAL CONDITION THAT CAN BE AGGRAVATED: pulmonary conditions.

CHRONIC HEALTH HAZARD: Caution: Contains propylene oxide which caused cancer in laboratory animals by inhalation and is listed as a suspect carcinogen by IARC(GROUP_2B). Contains Isophorone which has been shown to cause cancer in laboratory animals by ingestion and is listed as a suspect carcinogen by NTP.

REPEATED OVEREXPOSURE TO THIS PRODUCT MAY CAUSE: kidney damage, liver abnormalities, lung damage, cardiac abnormalities, blood effects, eye damage.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents of this package may be harmful or fatal.

EMERGENCY AND FIRST AID PROCEDURES: In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If affected by inhalation of vapor or spray mist, remove to fresh air. If swallowed get medical attention.

SECTION VI - REACTIVITY DATA

MATERIAL IS STABLE UNDER NON-EMERGENCY CONDITIONS.

HAZARDOUS POLYMERIZATION MAY OCCUR.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, hydrogen chloride, toxic fumes, various hydrocarbons.

CONDITIONS TO AVOID: heat, open flame, sparks.

TERIALS TO AVOID: alkali, oxidizers, amines, acids.

SECTION VII - SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Wear appropriate safety equipment as listed in section VIII; assume for all Hazardous ingredients listed in section II, that TLV, PEL and LEL limits will be exceeded. Absorb on inert material and dispose of as below.

WASTE DISPOSAL METHOD: Dispose of in accordance with Federal, State and local regulations.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrates vapor/mist levels are below application limits. Follow respirator manufacturer's directions for respirator use.

VENTILATION: Sufficient ventilation must be provided to maintain airborne concentrations below TLV, PEL and LEL limits, as listed in section II.

PROTECTIVE GLOVES: Protective gloves should be worn when handling this product. Check with glove manufacturer to determine proper glove type.

E PROTECTION: Safety glasses with side shields should be worn.

OTHER PROTECTIVE EQUIPMENT: Eye bath and safety shower should be provided. Rubber apron should be worn.

HYGIENIC PRACTICES: Good personal hygiene practices are required at all times when handling chemicals. These practices include, but are not limited to washing when safety equipment is removed, at the end of each shift or when going on breaks and especially if contamination occurs.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep containers closed when not in use. Store away from ignition sources. Store in well ventilated area. Store below 100 degress Fahrenheit.

OTHER PRECAUTIONS: Empty container may retain product residues (vapor or liquid). All precautions must be observed. All equipment should be grounded.

DISCLAIMER: While HANNA CHEMICAL COATINGS CORP. believes that the data contained herein are accurate and derived from qualified sources the data are not to be taken as a warranty or representation for which HANNA CHEMICAL COATINGS CORP. assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State and local laws and regulations.

RECEIVED
J.L. CLARK
DOWNERS GROVE

MATERIAL SAFETY DATA SHEET

HMIS H3* F3 R1 Date Prepared: 06/16/92

PREPARED FOR:	PREPARED BY:
00365050 J.L. CLARK MANU.	AKZO COATINGS INC. - ZION
2300 WISCONSIN AVE.	1915 INDUSTRIAL AVENUE
	(708)872-1000 (708)872-1000
DOWNERS GROVE IL 60515	ZION IL 60099

Emergency Phone Number: (708) 872-1000
Information Number: (708) 872-1000

SECTION I - PRODUCT INFORMATION

Tradename:	Product No.	Customer Part No.
MA	374- C27-5020	

Product - Class: XR3204-1 N-23 LINING

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Ingredients	Ingredient Data		
*METHYL ETHYL KETONE	Z by Weight	38.3 %	
(MEK)	Cas No.	000078-93-3	
(2-BUTANONE)	Vapor Pres.	83.0@ 75F mm/Hg	
	TLV-TWA	200.0	ppm
	PEL-TWA	200.0	ppm
	TLV-STEL	300.0	ppm 15 MINUTES
	PEL-STEL	300.0	ppm 15 MINUTES
	ORAL-LD50	2737.	mg/Kg RAT
	DERM-LC50	13000.	mg/Kg RABBIT
*TOLUENE	Z by Weight	13.9 %	
(TOLUOL)	Cas No.	000108-88-3	
(METHYL BENZENE)	Vapor Pres.	22.0@ 68F mm/Hg	
	TLV-TWA	100.0	ppm
	PEL-TWA	100.0	ppm
	TLV-STEL	150.0	ppm 15 MINUTES
	PEL-STEL	150.0	ppm 15 MINUTES
	ORAL-LD50	5000.	mg/Kg RAT
	DERM-LC50	14000.	mg/Kg RABBIT
	INHAL-LC50	4000.	ppm RAT-4 HOUR
EPOXY RESIN	Z by Weight		
	Cas No.	025068-38-6	
	Vapor Pres.	NA	
	TLV-TWA	10.0	mg/m3
	PEL-TWA	15.0	mg/m3
1-METHOXY-2-ACETOXYPROPANE	Z by Weight		
	Cas No.	000108-65-6	
	Vapor Pres.	3.7@ 68F mm/Hg	
	TLV-TWA	NA	

	PEL-TWA	NA	
	ORAL-LD50	8532.	mg/Kg RAT-FEMALE
	DERM-LC50	> 5000.	mg/Kg RABBIT
ISOPHORONE	% by Weight		
	Cas No.	000078-59-1	
	Vapor Pres.	1.0@ 68F	mm/Hg
	TLV-TWA	5.0	ppm
	PEL-TWA	4.0	ppm
	ORAL-LD50	2330.	mg/Kg RAT
	DERM-LC50	1500.	mg/Kg RABBIT
*BUTOXYETHYL ACETATE	% by Weight	6.1 %	
	Cas No.	000112-07-2	
	Vapor Pres.	.9@ 68F	mm/Hg
	TLV-TWA	NA	
	PEL-TWA	NA	
	ORAL-LD50	2400.	mg/Kg RAT
	DERM-LC50	1500.	mg/Kg RABBIT
PHENOXY RESIN	% by Weight		
	Cas No.	025068-38-6	
	Vapor Pres.	NA	
	TLV-TWA	10.0	mg/m3
	PEL-TWA	15.0	mg/m3
*METHYL ISOBUTYL KETONE (MIBK) (4-METHYL-2-PENTANONE)	% by Weight	3.8 %	
	Cas No.	000108-10-1	
	Vapor Pres.	15.0@ 68F	mm/Hg
	TLV-TWA	50.0	ppm
	PEL-TWA	50.0	ppm
	TLV-STEL	75.0	ppm 15 MINUTES
	PEL-STEL	75.0	ppm 15 MINUTES
	ORAL-LD50	2080.	mg/Kg RAT
	INHAL-LC50	23300.	mg/m3 MOUSE
4-HYDROXY-4-METHYL-2-PENTANONE (DIACETONE ALCOHOL)	% by Weight		
	Cas No.	000123-42-2	
	Vapor Pres.	.8@ 68F	mm/Hg
	TLV-TWA	50.0	ppm
	PEL-TWA	50.0	ppm
	ORAL-LD50	4000.	mg/Kg RAT
	DERM-LC50	13500.	mg/Kg RABBIT
PHENOL-FORMALDEHYDE RESIN	% by Weight		
	Cas No.	- -	
	Vapor Pres.	NA	
	TLV-TWA	NA	
	PEL-TWA	NA	
*XYLENE, MIXED ISOMERS	% by Weight	1.1 %	
	Cas No.	001330-20-7	
	Vapor Pres.	5.1@ 68F	mm/Hg
	TLV-TWA	NA	
	PEL-TWA	100.0	
	TLV-STEL	150.0	ppm 15 MINUTES

PEL-STEL	150.0	ppm	15 MINUTES
ORAL-LD50	4300.	mg/Kg	RAT
INHAL-LC50	5000.	ppm	RAT-4 HOUR

#This material is subject to reporting under SARA TITLE III, SECTION 313
All components in this coating have been verified as being on the TSCA Inventory

SECTION III - PHYSICAL DATA

Physical state: LIQUID
Odor and appearance: NA
Odor threshold (ppm): NA
pH: NA

Boiling Range: 175 - 424 F (79 - 217 C)

Vapor is heavier than Air.

Evaporation rate is slower than ether.
% Volatile (vol) 86.33 Lb/gal(U.S.) 7.51 SpGr: .90

VOC Data Lb/Gal(U.S.):

Less Water (EPA)	6.16	Total Organic Solvents	6.16
Less Water & Exempt (EPA)	6.16	Total Non-Exempt Solvents	6.16

SECTION IV - FIRE AND EXPLOSION HAZARDS DATA

FP: (CLOSED) 25 F (-3 C) LEL .50%
Flammability Class (OSHA): FLAMMABLE LIQUID - 1B

EXTINGUISHING MEDIA: Foam, Carbon Dioxide or Dry Chemical.

UNUSUAL FIRE AND EXPLOSION HAZARDS: During emergency conditions, overexposure to decomposition products (See Section VI - Reactivity Data) may cause a health hazard; symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIREFIGHTING PROCEDURES: Water may be ineffective in fighting fire. If water is used to cool closed containers to prevent pressure build-up, fog nozzles are preferred. Full protective equipment, including self-contained breathing apparatus is needed to protect firefighters from exposure to coating's hazardous ingredients and hazardous decomposition products.

SECTION V - HEALTH HAZARD DATA AND FIRST AID PROCEDURES

EFFECTS OF OVEREXPOSURE: MAY CAUSE EYE BURNS. HARMFUL IF SWALLOWED. CAN BE ABSORBED THROUGH SKIN. MAY CAUSE NOSE AND THROAT IRRITATION. CAUSES SKIN IRRITATION. MAY CAUSE LUNG INJURY. MAY AFFECT THE BRAIN OR NERVOUS SYSTEM, CAUSING DIZZINESS, HEADACHE OR NAUSEA. HARMFUL IF INHALED.

OTHER EFFECTS OF OVEREXPOSURE MAY INCLUDE: loss of coordination, pneumoconiosis, fatigue, swelling and redness of skin, edema, drowsiness, asphixia, drying of nasal mucosa, vomiting, dehydration to skin, headache, diarrhea, narcosis, dermatitis, weakness, deposits in eyes, gastritis, nausea, reduced visibility, dizziness, unconsciousness, shortness of breath.

PRIMARY ROUTE(S) OF ENTRY: ingestion, eyes, skin contact, inhalation.

MEDICAL CONDITIONS THAT CAN BE AGGRAVATED: skin disorders.

CHRONIC HEALTH HAZARDS:

REPEATED OVEREXPOSURE TO THIS PRODUCT MAY CAUSE:lung damage, liver abnormalities, kidney damage, birth defects, eye damage, central nervous system damage, cardiac abnormalities, spleen damage, blood effects.

Caution: Contains a phenol-formaldehyde resin which, under certain conditions, could release formaldehyde in sufficient quantities to require monitoring under OSHA regulations. Contains isophorone which has been shown to cause cancer in laboratory animals by ingestion and is listed as a suspect carcinogen by NTP.

NOTICE: Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents of this package may be harmful or fatal.

*****EMERGENCY AND FIRST AID PROCEDURES*****.

SKIN CONTACT: Remove contaminated clothing and wash before reuse. Remove and destroy contaminated shoes. Flush with water for at least 15 minutes and get medical attention.

EYE CONTACT: Flush with water for at least 15 minutes and get medical attention.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.

INGESTION: Get medical attention IMMEDIATELY.

SECTION VI - REACTIVITY DATA

Material is STABLE under non-emergency conditions.

Material WILL NOT undergo hazardous polymerization.

HAZARDOUS DECOMPOSITION PRODUCTS: formaldehyde, oxides of nitrogen. phenol, oxides of carbon. oxides of phosphorous, various hydrocarbons.

CONDITIONS TO AVOID: open flame, heat, sparks.

MATERIALS TO AVOID: oxidizers, alkali metal, sodium hydroxide, chlorinated solvents, alkali, acids, aldehydes, ammonia, amines, alkanolamines.

SECTION VII - SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Wear appropriate safety equipment as listed in Section VIII. Absorb on inert material and dispose of as below.

WASTE DISPOSAL METHODS: Dispose of in accordance with FEDERAL, STATE and local regulations. Incineration is the preferred method of disposal.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during application and handling unless air monitoring demonstrates vapor/mist levels below applicable limits. Follow respirator manufacturer's recommendations for selection and use.

VENTILATION: Sufficient ventilation must be provided to maintain airborne concentrations below TLV, PEL and LEL limits as listed in Section II.

PROTECTIVE GLOVES: Chemical resistant protective gloves should be worn when handling this product. Check with glove manufacturer to determine proper glove type.

EYE PROTECTION: Splash-proof chemical goggles should be worn.

OTHER PROTECTIVE EQUIPMENT: Eye bath and safety shower should be provided. Impervious clothing and boots should be worn.

HYGENIC PRACTICES: Good personal hygiene practices are required at all times when handling chemicals. These practices include, but are not limited to, washing when safety equipment is removed, at the end of each shift or when going on breaks and especially if contamination occurs.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in well-ventilated area. Store in a clean, dry area. Keep containers closed when not in use. Avoid contact with copper, brass and bronze. All equipment should be grounded. Store away from ignition sources. avoid high temperatures and humidity.

OTHER PRECAUTIONS: Empty container may retain product residues (vapor or liquid) All precautions must be observed.

This product contains the following SARA Title III, Section 313, reportable materials: xylene (mixed isomers), glycol ether, methyl isobutyl ketone, methyl ethyl ketone, toluene.

This product contains the following California Proposition 65 reproductive

toxicants: toluene.

SECTION X - OTHER INFORMATION

The absence of a positive finding indicates that we believe, to the best of our knowledge, that the negative is true.

Disclaimer: While Akzo Coatings Inc. believes that the data contained herein are accurate and derived from qualified sources, the data are not to be taken as a warranty or representation for which Akzo Coatings Inc. assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State and local laws and regulations.

ABBREVIATIONS USED IN PREPARING THIS MSDS :
WHMIS - Workplace Hazardous Materials Information System
TSCA - Toxic Substances Control Act
CFR - Code of Federal Regulations
mg/M3 - Milligrams per Meter Cubed
LEL - Lower Explosion Limit
FP - Flash Point
Lb/gal - Pounds Per Gallon
NA - Not Available or Nonapplicable
mg/L - Milligrams Per Liter
ppm - Parts Per Million
mm/Hg - Millimeters of Mercury
F - Fahrenheit
> - Greater Than < - Less Than
% - Percent
# - Pounds
CAS No - Chemical Abstract Number
HMIS - Hazardous Material Information System
ORAL-LD50 - Oral Lethal Dose (50% Death)
INHAL-LC50 - Inhalation Lethal Concentration (50% Death)
DERM-LD50 - Dermal Lethal Dose (50% Death)
PEL - Permissable Exposure Limit
TLV - Threshhold Limit Value
STEL - Short Term Exposure Limit
CEIL - Ceiling Limit
@ - At
OSHA - Occupational Safety and Health Administration
IARC - International Agency for Research on Cancer
NTP - National Toxicology Program
SARA - Superfund Amendments & Reauthorization Act (1986)

Varnishes and Lacquers
Coating Powders

CH-8722 Kaltbrunn/Switzerland

Phone 055 74 11 51
Telefax 055 75 32 02
Telex 875 363 kolk ch

Union Bank of Switzerland
CH-8640 Rapperswil/Switzerland

KOLACK

RECEIVED
APR 1992
J.L. CLARK-TUBE DIVISION
DOWNERS GROVE, ILL

Registered

Clark J. L.
Attn. Mr. John Benton
2300 Wisconsin Ave.
US-Downers Grove, Il 60515

Your ref.:

Our ref.:
rk

CH-8722 Kaltbrunn
Benknerstrasse 48

April 15, 1992

Material Safety Data Sheet

Dear Mr. Benton

In reference to our sample delivery of April 15, 1992 we a sending you here enclosed the MSDS (material safety data sheet as well as the technical data sheets for the following products

- Tube Enamel A 4811 white
- Interior Varnish J 3024 gold
- Interior Varnish J 454 pigmented
- Peel-off paint LO 5015 red transparent

We hope that these papers will be of service to you and ar looking forward with interest to hearing from you.

Have a nice day.

Very truly yours,

K O L A C K LTD.

Enclosures

S U R V E Y T A B L E

KOLACK-INTERIOR VARNISH FOR TUBES/CANS AND RIGIDES TUBES

Product	Tone	Cans	Tubes	Base	Certificat	Special properties
J 3024	gold or pigmented	+	+	epoxy / amine	raw material	high resistance to ammonia
J 454				epoxy phenolic		
J 3052	pigm.	rigides tubes		polyester	varnish	
J 3053	colourless	rigides tubes		polyester	varnish	
J 3090	goldtrans.	rigides tubes		polyester	varnish	
J 3092	goldtrans.	+	+	epoxy / phenol	varnish	high chemical resistance
J 3108	pigmented	+	+	epoxy / phenol	varnish	very good sterilization resistance
J 3121	gold or pigmented	+	+	epoxy / phenol	varnish	very universal
J 3401	pigmented	+		P.V.C.-organosol	no	for hair shoam, mousse etc.
J 3421	goldtrans.	+	+	polyamid-imid	raw material	highest chem. resistance (DME)
J 5003	colourless	rigides tubes		vinyl	raw material	air drying
J 5016	white	rigides tubes		vinyl	raw material	air drying

The excact details and characteristics of each product can you take from the corresponding technical data sheets

17.02.1992 LK/PR/fz

Lack- und Farbenfabrik / Beschichtungspulver
CH-8722 Kaltbrunn
Tel 055/74 11 51 Fax 055/76 37 02 Telex 875 353

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List) A 4811

Note: Blank spaces are not permitted. If any item is not applicable, or information is available, the space must be marked to indicate

Section I

Manufacturer's Name Kolack Ltd.	Emergency Telephone Number 055/74'11'51
Address (Number, Street, City, State, and ZIP Code) Benknerstrasse 48, CH-8722 Kaltbrunn	Telephone Number for Information 055/74'11'51
	Date Prepared 13.04.1992
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (or
		ppm		
Glycol Ethers (Dowanol Typus)		100		4,
Butyldiglycol		--		1,
n-Butanol		50		4,
Solvent Naphta		100		19,
Xylene		100		0,

Section III — Physical/Chemical Characteristics

Boiling Point	115-230° C	Specific Gravity (H_2O = 1)	1,2 g
Vapor Pressure (mm Hg.)		Melting Point	
Vapor Density (AIR = 1)	1	Evaporation Rate (Butyl Acetate = 1)	

Solubility in Water: non soluble

Appearance and Odor: white mild

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	45° C (Setaflash) 113°F	Flammable Limits	LEL	UEL

Extinguishing Media

Special Fire Fighting Procedures

Unusual Fire and Explosion Hazards

KOLACK AG
Telefon 055 74 11 51 Telex 876 363 kolk ch Telefax 055 75 32 02 CH-8722 Kaltbrunn/Switzerland

TECHNICAL DATA

K O L A C K - INTERIOR VARNISH J 3 0 2 4 GOLD-TRANSPARENT

CATEGORY

Thermocuring resins

USE

For aluminium tubes and aerosol cans

CHARACTERISTICS

Excellent resistance to products containing ammonia like hair-dye and depilatory agents etc.

PERMISSIONS

After entire curing, the films are physiologically unobjectionable.

INDICES

Viscosity DIN 4 20° C	30 "
Solids content	42 %
Specific gravity	0.99
Flash point	under 21
Storage stability	6 months (best temperature 5 - 20° C)
Spreading capacity	Medium value 28 g/m2 at 10 my drying film thickness
Classification EC	Cepe-code 4.4.00

APPLICATION

Spraying

For reaching a good resistance to ammonia, it is very important that the tubes are extremely clean before varnishin and that not more than 12 my (dry) are applied.

STOVING SCHEDULE

f. e.	2 min.	280 - 300° C
	4 min.	260 - 280° C
	6 min.	240 - 260° C

It is important to stove long enough so that the film resists well to acetone.

THINNING / CLEANING

If needed with Kolack-thinner V 1032

These datas are based on numerous tests in our laboratory as well as on international experiences in practice. Since our products are processed under different conditions and used for different purposes, we are not able to accept any liability.

OUR EXPERIENCED TECHNICAL SERVICE WILL ALWAYS BE AT YOUR DISPOSAL!

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Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List) J 3024 gold

Note: Blank spaces are not permitted. If any item is not applicable, or information is available, the space must be marked to indicate

Section I

Manufacturer's Name Kolack Ltd.	Emergency Telephone Number 055 / 74 11 51
Address (Number, Street, City, State, and ZIP Code) Benknerstrasse 48, CH-8722 Kaltbrunn	Telephone Number for Information 055 / 74 11 51
	Date Prepared 13.04.1992
	Signature of Preparer (optional) M. Brunner

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (or
Glycol Ethers (Dowanol Typus)		100 ppm		6
Butylglycol		25 "		9
Diacetonealcohol		50 "		15
Butanol		50 "		5
Ethanol		1000 "		5
Methyl Ethyl Ketone		200 "		5
Solvent Naphta		100 "		12
Xylene		100 "		2

Section III — Physical/Chemical Characteristics

Boiling Point	80-210° C	Specific Gravity (H_2O = 1)	1 g/c
Vapor Pressure (mm Hg.)		Melting Point	
Vapor Density (AIR = 1)		Evaporation Rate (Butyl Acetate = 1)	

Solubility in Water: insoluble

Appearance and Odor: liquid, yellowish, mild

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	<21° C (Setaflash) 69,8° F	Flammable Limits	LEL	UEL

Extinguishing Media: foam or dry extinguisher

Special Fire Fighting Procedures

Unusual Fire and Explosion Hazards

(Reproduce locally)

KOLACK AG
Telefon 055 74 11 51 Telex 875 383 kolk ch Telefax 055 76 32 02 CH-8722 Kaltbrunn/Switzerland

TECHNICAL DATA

K O L A C K - INTERIOR VARNISH J 3 0 2 4 / 4 6 5 PIGMENTED BEIGE

CATEGORY

Thermocuring resins

USE

For aluminium tubes and aerosol cans

CHARACTERISTICS

Excellent resistance to products containing ammonia like hair-dye and depilatory agents etc.

PERMISSIONS

After entire curing, the films are physiologically unobjectionable.

INDICES

Viscosity DIN 4 20° C	30 "
Solids content	44 %
Specific gravity	1.08
Flash point	under 21
Storage stability	6 months (best temperature 5 - 20° C)
Spreading capacity	Medium value 28 g/m2 at 10 my drying film thickness
Classification EC	Cepe-code 4.4.00

APPLICATION

Spraying

For reaching a good resistance to ammonia, it is very important that the tubes are extremely clean before varnishi and that not more than 12 my (dry) are applied.

STOVING SCHEDULE

f. e.	2 min.	280 - 300° C
	4 min.	260 - 280° C
	6 min.	240 - 260° C

It is important to stove long enough so that the film resists well to acetone.

THINNING / CLEANING

If needed with Kolack-thinner V 1032

These datas are based on numerous tests in our laboratory as well as on international experiences in practice. Since our products are processed under different conditions and used for different purposes, we are not able to accept any liability.

OUR EXPERIENCED TECHNICAL SERVICE WILL ALWAYS BE AT YOUR DISPOSAL!

575

KOLACK AG
Telefon 055 74 11 51 Telex 875 363 kolk ch Telefax 055 75 32 02 CH-8722 Kaltbrunn

TECHNICAL DATA SHEET

INTERIOR VARNISH J 4 5 4 PIGMENTED

CATEGORY

Modified epoxide resins

USE

Monobloc aerosol cans

CHARACTERISTICS

- Simple processing, consequently high qu constancy.
- Excellent wetting, consequently very low values at low film thickness.
- High elasticity and adhesion, consequently a marked deformability.
- Very good resistance to chemicals, suited fillers containing acid, alcaline, solvents also ammonia.
- Sterilization resistance after one hour at 120
- The raw materials used in J 454 pigmented admitted by the FDA-Paragraph 175.300.

INDICES

Viscosity at 20° C	43 - 45" DIN 4
Solids content	43 %
Specific gravity	1,17 g/cm^3
Flash point	approx. 38° C Danger class A II
Storage stability	6 months (best temperature 5 - 20°
CEPE-Code	2000

APPLICATION

Spraying; for roller coating please ask for special adjustment

STOVING SCHEDULE

E. g. 5 min. at 220° C

It is important to stove long enough, so that t film resists well to acetone.

THINNING / CLEANING

If needed with Kolack-thinner V 1032

These datas are based on numerous tests in our laboratory as well as o international experiences in practice. Since our products are processed unde different conditions and used for different purposes, we are not able to accept an liability.

OUR EXPERIENCED TECHNICAL SERVICE WILL ALWAYS BE AT YOUR DISPOSAL!

Prepared on: 31.03.1992 WS/rk

KOLACK AG
Telefon 055 74 11 51 Telex 875 363 kolk ch Telefax 055 75 32 02 CH-8722 Kaltbrunn/S

TECHNICAL DATA SHEET

K O L A C K - PEEL-OFF PAINT L O 5 0 1 5 RED TRANSPARENT

USE

Kolack-peel-off paint LO 5015 red transparent is intended m for covering spray booth walls and other metallic, unpainted faces, such as glass, in order to protect them from paint m paint spray and other dirt. It can also be used as a provisio temporary protective coating for highly polished surfaces, suc stainless steel, aluminium, etc.

APPLICATION

It is applied unthinned or, depending on the requirement, thi in the ratio of not more than 1 : 1 to 1 : 2 with Kolack-thinne 1050, by paintbrush, brush or spray gun with fine nozzles. If cessary, Kolack-peel-off paint can even be applied by immersion

HARDENING

Kolack-peel-off paint dries within about 15 - 20 minutes tc tough but flexible and non-porous coating. This can be removed riodically by scraping off or peeling off and the dirt, paint sidue, etc. sticking to it are removed at the same time. The su face underneath can be protected afresh with Kolack-peel-c paint.

REMARK

During the operation, all the precautions which apply to the pr cessing of combustible paints must be observed.

These datas are based on numerous tests in our laboratory as well as on internationa experiences in practice. Since our products are processed under different condition and used for different purposes, we are not able to accept any liability.

OUR EXPERIENCED TECHNICAL SERVICE WILL ALWAYS BE AT YOUR DISPOSAL!

02.03.1989

SAFETY DATA

W. R. GRACE & CO. - CONN.
DEWEY AND ALMY CHEMICAL DIVISION
55 HAYDEN AVENUE
LEXINGTON, MA 02173

EMERGENCY PHONE NO. (617) 861-6600

SECTION I - IDENTIFICATION

PRODUCT (TRADE) NAME: DAREX TC AMR 12

General Chemical Description: Hot melt coating

SECTION II-INGREDIENTS

Hazardous Ingredients: None

Other Ingredients	% by Weight
Wax, resin, and modifier.	100

SECTION III-PHYSICAL DATA

Solubility in Water: not soluble Specific Gravity (water=1): 0.9 appr
Appearance and Odor: Yellow waxy solid; little or no odor
Melting point: approx. 170°F

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point: above 430°F (Cleveland Open Cup)
Extinguishing Media: Carbon dioxide, dry chemical, foam.

Fire-fighters should wear the usual protective gear, self-contained breathing apparatus

Combustion will result in the release of the usual decomposition products including oxides of carbon.

SECTION V-REACTIVITY DATA

Product is stable; hazardous polymerization will not occur.
Incompatible with strong oxidizers.

PREPARED 07/31/91

"The data included herein are presented according to W. R. Grace & Co.-Conn.'s practices current at the time of preparation hereof, are made available solely for the consideration, investigation of the original recipients hereof and do not constitute a representation or warranty for which Grace assumes legal responsibility. It is the responsibility of a recipient of this data to remain up on chemical hazard information, to design and update its own program and to comply with all national, federal, state, and local laws and regulations applicable to safety, occupational health and environmental protection."

SECTION VI-SPILL OR LEAK PROCEDURES

For small spills: Let solidify and scrape up.
For large spills: If hot liquid, attempt to confine spill and let solidify. Once soli material can be broken or cut into pieces for disposal.

Dispose of as a chemical waste in accordance with current local, state, and Federal regulations.

Material is not a hazardous waste as defined in 40 CFR Sec. 261.3.

SECTION VII-HEALTH HAZARD DATA

Threshold Limit Values: Not applicable.

	Signs & Symptoms of Acute Exposure	Emergency First Aid Procedures
Inhalation:	Vapors at excessively high temperatures could produce irritation of nose and throat.	Remove to fresh air.
Eyes:	Irritation upon direct contact.	Immediately flush eyes with wate for at least 15 minutes; get medical attention.
Skin:	None known.	Wash affected area with water; if irritation occurs and persist get medical attention. Remove contaminated clothing.
Ingestion:	None known.	Dilute with water or milk; do no induce vomiting; get medical attention.

CHRONIC EFFECTS: None known.

Medical Conditions Aggravated by Overexposure: None known.

GET MEDICAL ATTENTION IF SYMPTOMS PERSIST

"The data included herein are presented according to W. R. Grace & Co.-Conn.'s practices current at the time of preparation hereof, are made available solely for the consideration, investigation and ver of the original recipients hereof and do not constitute a representation or warranty for which Grace assumes legal responsibility. It is the responsibility of a recipient of this data to remain currently in on chemical hazard information, to design and update its own program and to comply with all national, federal, state, and local laws and regulations applicable to safety, occupational health, rights and environmental protection."

SECTION VIII-SPECIAL PRECAUTIONS

Handling and Storing

- Wear gloves, protective clothing, and eye or full face shield when handling or when near hot or molten material.
- Avoid breathing vapors from molten material.
- Provide special ventilation at elevated temperatures.

"The data included herein are presented according to W. R. Grace & Co.--Conn.'s practices current at the time of preparation hereof, are made available solely for the consideration, investigation and verification of the original recipients hereof and do not constitute a representation or warranty for which Grace assumes legal responsibility. It is the responsibility of a recipient of this data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state, and local laws and regulations applicable to safety, occupational health, rights and environmental protection."

TOTAL P.05

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1367

MATERIAL SAFETY DATA SHEET

RECEIVED
JUL 1 1986
L. CLARK, ATLAS TUBE

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME: STRAHL & PITSCH INC.	EMERGENCY TELEPHONE NO.: (516) 587-9000
ADDRESS (Number, Street, City, State, and ZIP Code): 230 Great East Neck Road, West Babylon, New York 11704	
CHEMICAL NAME AND SYNONYMS: Hydro Carbon Wax CAS: 63 231-60-7	TRADE NAME AND SYNONYMS: 1103 Wax
CHEMICAL FAMILY: Hydro Carbon Wax	FORMULA: A complex mixture of long chain aliphatic hydro carbons.

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS None			BASE METAL None		
CATALYST "			ALLOYS "		
VEHICLE "			METALLIC COATINGS "		
SOLVENTS "			FILLER METAL PLUS COATING OR CORE FLUX "		
ADDITIVES "			OTHERS "		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
None		

SECTION III - PHYSICAL DATA

Melting Point--		SPECIFIC GRAVITY (H_2O=1)	0.9
Drop Point - ASTM D-127	145-55°F	PERCENT, VOLATILE BY VOLUME (%)	0%
Acid Value	nil	Solubility in water	Insoluble
Saponification Value	nil	Penetration-ASTM D-1321	30 max.
APPEARANCE AND ODOR	white waxy solid	Viscosity-SUS @ 210°F	80-100

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): C.O.C. 450°F Minimum	FLAMMABLE LIMITS	Lel	Uel

EXTINGUISHING MEDIA
Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES
None

UNUSUAL FIRE AND EXPLOSION HAZARDS
None

(Continued on reverse side)

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	None
EFFECTS OF OVEREXPOSURE	None
EMERGENCY AND FIRST AID PROCEDURES	None

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID N/A
	STABLE	X	
INCOMPATABILITY (Materials to avoid)	None		
HAZARDOUS DECOMPOSITION PRODUCTS	None		
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID None
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

If molten, allow to solidify

WASTE DISPOSAL METHOD

Refilter or incinerate

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)	None		
VENTILATION	LOCAL EXHAUST None	SPECIAL None	
	MECHANICAL (General) None	OTHER None	
PROTECTIVE GLOVES None	EYE PROTECTION None		
OTHER PROTECTIVE EQUIPMENT N/A			

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	None
OTHER PRECAUTIONS	None

GPO 930-540

MATERIAL SAFETY DATA SHEET

APR 15 8 55 AM

UMIS. H3* F3 P1 | Date Prepared 04/05/91

PREPARED-FOR | PREPARED-BY

00342300 J.L. CLARK MANUFACTURING CO.
2300 6TH STREET
ROCKFORD IL 61125

AKZO COATINGS INC - ZION
1915 INDUSTRIAL AVENUE
(708)872-1000 (708)872-1000
ZION IL 60099

Emergency Phone Number (708) 872-1000 | Information Number (708) 872-1

SECTION I - PRODUCT INFORMATION

Tradename: NA | Product No. 374- C27-5020

Product - Class: XR3204-1 H-23 LINING

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Ingredients	Cas No	Desc	Value	Unit	Comments
#METHYL ETHYL KETONE	78933	% by Weight	38.3 %		
(MEK)		Vapor Pres	83.0@ 75F	mm/Hg	
(2-BUTANONE)		TLV-TWA	200.0	ppm	
		PEL-TWA	200.0	ppm	
		TLV-STEL	300.0	ppm	15 MINUTES
		PEL-STEL	300.0	ppm	15 MINUTES
		ORAL-LD50	2737	mg/Kg	RAT
		DERM-LD50	13000.	mg/Kg	RABBIT
#TOLUENE	108883	% by Weight	13.9 %		
(TOLUOL)		Vapor Pres.	22.0@ 68F	mm/Hg	
(METHYL BENZENE)		TLV-TWA	100.0	ppm	
		PEL-TWA	100.0	ppm	
		TLV-STEL	150.0	ppm	15 MINUTES
		PEL-STEL	150.0	ppm	15 MINUTES
		ORAL-LD50	5000.	mg/Kg	RAT
		DERM-LD50	14000.	mg/Kg	RABBIT
		INHAL-LC50	4000	ppm	RAT-4 HOUR
EPOXY RESIN	25068386	% by Weight	9.3 %		
		Vapor Pres.	NA		
		TLV-TWA	10.0	mg/Kg	
		PEL-TWA	15.0	mg/Kg	
1-METHOXY-2-ACETOXYPROPANE	108656	% by Weight	7.3 %		
		Vapor Pres.	3.7@ 68F	mm/Hg	
		TLV-TWA	NA		
		PEL-TWA	NA		
		ORAL-LD50	8532	mg/Kg	RAT-FEMALE
		DERM-LD50	> 5000	mg/Kg	RABBIT
ISOPHORONE	78591	% by Weight	6.5 %		
		Vapor Pres.	1.0@ 68F	mm/Hg	

		TLV-TWA	5.0	ppm
		PEL-TWA	5.0	ppm
		ORAL-LD50	2330.	mg/Kg RAT
		DERM-LD50	1500.	mg/Kg RABBIT
*BUTOXYETHYL ACETATE	112072	% by Weight	8.1 %	
		Vapor Pres	.9@ 68F	mm/Hg
		TLV-TWA	NA	
		PEL-TWA	NA	
		ORAL-LD50	2400.	mg/Kg RAT
		DERM-LD50	1500.	mg/Kg RABBIT
PHENOXY RESIN	25068386	% by Weight	4.7 %	
		Vapor Pres.	NA	
		TLV-TWA	10.0	mg/Kg
		PEL-TWA	15.0	mg/Kg
*METHYL ISOBUTYL KETONE (MIBK) (4-METHYL-2-PENTANONE)	108101	% by Weight	3.8 %	
		Vapor Pres.	15.0@ 68F	mm/Hg
		TLV-TWA	50.0	ppm
		PEL-TWA	50.0	ppm
		TLV-STEL	75.0	ppm 15 MINUTES
		PEL-STEL	75.0	ppm 15 MINUTES
		ORAL-LD50	2080.	mg/Kg RAT
		INHAL-LC50	23300.	mg/Kg MOUSE
4-HYDROXY-4-METHYL-2-PENTANONE (DIACETONE ALCOHOL)	123422	% by Weight	3.4 %	
		Vapor Pres.	.8@ 68F	mm/Hg
		TLV-TWA	50.0	ppm
		PEL-TWA	50.0	ppm
		ORAL-LD50	4000.	mg/Kg RAT
		DERM-LD50	13500.	mg/Kg RABBIT
PHENOL-FORMALDEHYDE RESIN	NA	% by Weight	2.4 %	
		Vapor Pres.	NA	
		TLV-TWA	NA	
		PEL-TWA	NA	
*XYLENE (XYLOL) (MIXED DIMETHYL BENZENES)	1330207	% by Weight	1.1 %	
		Vapor Pres.	5.1@ 68F	mm/Hg
		TLV-TWA	100.0	ppm
		PEL-TWA	100.0	ppm
		TLV-STEL	150.0	ppm 15 MINUTES
		PEL-STEL	150.0	ppm 15 MINUTES
		ORAL-LD50	4300.	mg/Kg RAT
		INHAL-LC50	5000.	ppm RAT-4 HOUR

This material is subject to reporting under SARA TITLE III, SECTION 313.

SECTION III - PHYSICAL DATA

Boiling Range: 175 - 424 F Vapor is heavier than Air

Evaporation rate is slower than ether % Volatile (vol): 86.3% Lb/gal(U.S.): 7.1

VOC Data Lb/Gal(U.S.)	Total Volatiles	Less Water	Less Water & Exempt
	6.17	6.17	6.17

SECTION IV - FIRE AND EXPLOSION HAZARDS DATA

FP: (CLOSED) 25 F LEL .50% Flammability Class (OSHA): FLAMMABLE LIQUID - 1B

EXTINGUISHING MEDIA: Foam, Carbon Dioxide or Dry Chemical.

UNUSUAL FIRE AND EXPLOSION HAZARDS: During emergency conditions, overexposure to decomposition products (See Section VI - Reactivity Data) may cause a health hazard; symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIREFIGHTING PROCEDURES: Water may be ineffective in fighting fire. If water is used to cool closed containers to prevent pressure build-up, fog nozzles are preferred. Full protective equipment, including self-contained breathing apparatus is needed to protect firefighters from exposure to coating's hazardous ingredients and hazardous decomposition products.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: HARMFUL IF SWALLOWED. MAY CAUSE EYE BURNS. MAY CAUSE NOSE AND THROAT IRRITATION. CAN BE ABSORBED THROUGH SKIN. CAUSES SKIN IRRITATION. MAY CAUSE LUNG INJURY. MAY AFFECT THE BRAIN OR NERVOUS SYSTEM, CAUSING DIZZINESS, HEADACHE OR NAUSEA. HARMFUL IF INHALED.

OTHER EFFECTS OF OVEREXPOSURE MAY INCLUDE: dehydration to skin, drying of nasal mucosa, dermatitis, deposits in eyes, diarrhea, nausea, asphexia, dizziness, reduced visibility, loss of coordination, fatigue, drowsiness, pneumoconiosis, edema, headache, shortness of breath, weakness, gastritis, swelling and redness of skin, vomiting, narcosis, unconsciousness.

PRIMARY ROUTE(S) OF ENTRY: inhalation, eyes, ingestion, skin contact.

MEDICAL CONDITIONS THAT CAN BE AGGRAVATED: skin disorders.

CHRONIC HEALTH HAZARDS:

REPEATED OVEREXPOSURE TO THIS PRODUCT MAY CAUSE: liver abnormalities, blood effects, central nervous system damage, kidney damage, cardiac abnormalities, eye damage, lung damage.

Caution: Contains a phenol-formaldehyde resin which, under certain conditions, could release formaldehyde in sufficient quantities to require monitoring under OSHA regulations. Contains isophorone which has been shown to cause cancer in laboratory animals by ingestion and is listed as a suspect carcinogen by NTP

NOTICE: Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents of this package may be harmful or fatal.

EMERGENCY AND FIRST AID PROCEDURES:

SKIN CONTACT: Remove contaminated clothing and wash before reuse. Remove and destroy contaminated shoes. Flush with water for at least 15 minutes and get medical attention.

EYE CONTACT: Flush with water for at least 15 minutes and get medical attention.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.

INGESTION: Get medical attention IMMEDIATELY.

SECTION VI - REACTIVITY DATA

Material is STABLE under non-emergency conditions.

Material WILL NOT undergo hazardous polymerization.

HAZARDOUS DECOMPOSITION PRODUCTS: various hydrocarbons, oxides of phosphorous, oxides of carbon. formaldehyde, phenol, oxides of nitrogen.

CONDITIONS TO AVOID: sparks, heat, open flame.

MATERIALS TO AVOID: aldehydes, amines, alkali, acids, sodium hydroxide, alkali metal, alkanolamines, chlorinated solvents, oxidizers, ammonia.

SECTION VII - SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Wear appropriate safety equipment as listed in Section VIII. Absorb on inert material and dispose of as below.

WASTE DISPOSAL METHODS: Dispose of in accordance with FEDERAL, STATE and local regulations. Incineration is the preferred method of disposal.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during application and handling unless air monitoring demonstrates vapor/mist levels below applicable limits. Follow respirator manufacturer's recommendations for selection and use.

VENTILATION: Sufficient ventilation must be provided to maintain airborne concentrations below TLV, PEL and LEL limits as listed in Section II.

PROTECTIVE GLOVES: Chemical resistant protective gloves should be worn when handling this product. Check with glove manufacturer to determine proper glove type.

EYE PROTECTION: Splash-proof chemical goggles should be worn.

OTHER PROTECTIVE EQUIPMENT: Eye bath and safety shower should be provided. Impervious clothing and boots should be worn.

HYGENIC PRACTICES: Good personal hygiene practices are required at all times when handling chemicals. These practices include, but are not limited to, washing when safety equipment is removed, at the end of each shift or when going on breaks and especially if contamination occurs.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid contact with copper, brass and bronze. Store away from ignition sources. Store in a clean, dry area. All equipment should be grounded. Keep containers closed when not in use. Store in well-ventilated area. avoid high temperatures and humidity.

OTHER PRECAUTIONS: Empty container may retain product residues (vapor or liquid) All precautions must be observed.

This product contains the following SARA Title III, Section 313, reportable materials: methyl ethyl ketone, methyl isobutyl ketone, xylene (mixed isomers), toluene, glycol ether.

Disclaimer: While Akzo Coatings Inc. believes that the data contained herein are accurate and derived from qualified sources, the data are not to be taken as a warranty or representation for which Akzo Coatings Inc. assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State and local laws and regulations

Morton

Morton Industrial Coatings

April 6, 1994

Mr. Glenn Ceckowski
J.L. Clark
2300 Sixth Street
P.O. Box 7000
Rockford, Illinois 61125

Dear Glenn:

Per your request, this letter is to certify that the below listed solvent based product, 1090-21 HV was tested in accordance with ASTM D 2369-87.

1090-21 HV	6.16 VOC	7.71 Lbs./Gal.

Please note that the VOC is "As applied" without thinning.

If we can be of any further assistance, please call.

Very truly yours,

MORTON INTERNATIONAL, INC.
North Brunswick Facility

Stephen Rendek
Manager Quality Assurance
Lab Manager

SR/pk

Morton International, Inc., CN 6008, North Brunswick, NJ 08902-1697 908/545-9601 Fax 908/545-9421

Appendix E

BOARD OF TRUSTEES
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President
Roy W. Roush, Jr.
Vice-President
Herbert R. Reich
Clerk

Downers Grove Sanitary District

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Attorney

2710 Curtiss Street, Downers Grove, IL 60515
1-312-969-0664

Providing a Better Environment for South Central DuPage County

October 28, 1985

Mr. Jay Defenbaugh
Personnel Manager
J.L. Clark Manufacturing Company
Atlas Tube Division
2300 Wisconsin
Downers Grove, IL 60515

RECEIVED
OCT 30 1985
J. L. CLARK, ATLAS TUBE DIV
DOWNERS GROVE, ILL.

Re: J.L. Clark Manufacturing Co./Atlas Tube Division
Solvent Management Plan

Dear Mr. Defenbaugh:

The Solvent Management Plan you submitted to the Sanitary District for your facility has been approved.

Although your plan indicates that there is little chance for any discharge of prohibited material to the sanitary sewer, you and your employees should be aware of who to notify in the event of such a discharge. The Sanitary District and Fire Department should both be notified as soon as possible so that appropriate action can be taken. Notices should be posted listing the telephone numbers for the Downers Grove Sanitary District and Fire Department as well as any company personnel who should be called. Anyone reporting a discharge should give their name, the location and time of the discharge, the type of material, its concentration and volume.

To satisfy the reporting requirements, compliance report forms will be mailed to you twice each year, beginning in January 1986 for the period of July through December 1985. The reports will request information on any discharges of prohibited materials which occurred during the reporting period. If none occurred, certification to that fact is all that will be needed.

The Downers Grove Sanitary District appreciates your cooperation in the Solvent Management portion of the Industrial Pretreatment Program. If you have any questions, please feel free to call me.

Sincerely,

DOWNERS GROVE SANITARY DISTRICT

Janet M. Lacina
Laboratory Services Director

JML/jad

DOWNERS GROVE SANITARY DISTRICT
Prohibited Materials Discharge Report
Reporting Period: January 1 through June 30, 1986

Company Name: J. L. CLARK MFG. CO./ATLAS TUBE DIVISION

Address: 2300 WISCONSIN AVENUE

DOWNERS GROVE, IL 60515

Report completed by: Jay Defenbaugh

Title: Personnel Manager Phone No. 969-6100

Describe the occurrence of any discharges of prohibited materials to the sanitary sewer system. Include the date, time, type of material discharged, its volume and concentration; when and what authorities were notified of the discharge; what actions were taken to control and clean up the material; and what actions have been taken to prevent a recurrence.

(please attach additional pages)

If no discharge occurred during the reporting period, please indicate that by checking the certification statement below.

X "Based on my inquiry of the person or persons directly responsible for managing compliance with the accidental spill disposal and reporting requirements, I certify that to the best of my knowledge and belief, no solvents or toxics have been dumped or spilled into the wastewaters since filing the last "Prohibited Materials Discharge Report". I further certify that this facility is implementing the solvent management plan submitted to the District."

All reports must be signed by an Authorized Agent of the company named above:

Name of Authorized Agent: RICHARD A. ANDERSON Date: 6/20/86
(Type or Print)

Signature: R. A. Anderson Title: Plant Manager

J.L.CLARK Manufacturing Co.

J. L. Clark Mfg. Co./Atlas Tube Division - Solvent Management Plan

Company: J. L. Clark Manufacturing Co.,/Atlas Tube Division
Address: 2300 Wisconsin Avenue
Downers Grove, Illinois

Name and title of employee responsible for SMP: Jay Defenbaugh Personnel Mgr.

List of solvents/toxic organics used and stored including vehicle of storage and maximum volume stored.

Solvents/Toxic Organics	Vehicle of Storage	Maximum Volume Stored
1. Enamel, colors	5 gallon pails	300 gallons
2. Enamel, peel-off	5 gallon pails	100 gallons
3. Enamel, white	55 gallon drums	1100 gallons
4. Lacquer, H-17 epoxy phenolic	55 gallon drums	165 gallons
5. Lacquer, H-23 epoxy phenol	55 gallon drums	165 gallons
6. Lacquer, W.S. 10-084A epoxy phenolic	55 gallon drums	220 gallons
7. Lacquer, V.S-3846-006, epoxy	5 gallon pails	75 gallons
8. Lubricant, 95 way & gear	55 gallon drums	75 gallons
9. Lubricant, liquizinc AQ-90	55 gallon drums	75 gallons
10. Methyl Ethyl Ketone	55 gallon drums	165 gallons
11. Oil, A.500 (compressor)	55 gallon drums	75 gallons
12. Oil, motor	55 gallon drums	770 gallons
13. Sealant, D. Cold seal	5 gallon pails	100 gallons
14. Solvent, #660	55 gallon drums	330 gallons
15. Solvent, #1902	55 gallon drums	135 gallons
16. Solvent, carbitol	55 gallon drums	85 gallons
17. Solvent, cellosolve acetate	55 gallon drums	85 gallons
18. Solvent, stoddard	55 gallon drums	135 gallons
19. Solvent, waste	55 gallon drums	285 gallons

Storage Area and Floor Drains

There are no bulk storage tanks at this facility.
Attached is a plant layout designating where the solvents/toxic organics listed above are stored. All solvents/toxic organics except the oils and lubricants are stored in a specifically designed locker or vault. The locker floor is seven inches below the plant floor level. There are three separate drains in the wall at floor level located in the east wall of the locker (and plant). These are three feet above ground level and therefore any spill going through the drains will end up on the ground outside the locker and plant. The dimensions of the locker are 36-1/2 feet x 12-1/2 feet and the spill containment capacity is 1990 gallons if the drains are plugged. The motor oil is stored on the floor in the southwest corner of the plant as is the lubricant 95 way & gear. The compressor oil is stored in the compressor room and the lubricant liquizinc AQ-90 in the slugroom. There are no floor drains in any of these areas and thus a spill would be limited to the plant floor in that specific area.

Transferring Solvents/Toxic Organics

There is no piping to transfer solvents/toxic organics from storage to the process or production area. All motor oils, lacquers, lubricants and solvents in 55 gallon drums are transferred into Factory Mutual approved safety containers and 5 gallon pails in their designated storage area by hand pump or drum faucet. These are then taken (by hand) to the production location. Enamels in 55 gallon drums are first taken (by hand) to the production location. They are then transferred into 5 gallon pails by Factory Mutual approved self-closing faucets. All other solvents/toxic organics originally in 5 gallon pails are transferred to the production location in this way.

Procedures to detect leaks and spills

Upon receiving solvents/toxic organics, the shipping clerk visually inspects all containers and incoming transportation vehicle for any signs of damage or leaks before checking material in. After the solvents/toxic organics are in the storage areas and production location, visual observation occurs several times during the day and evening due to normal operations.

Procedures if a leak or spill develops

In the event of a spill or leak, the employee will contact the production manager by word of mouth or the PA system. The production manager will in turn recruit the appropriate personnel and material needed to stop the leak and clean up the spill. The absorbent material and spill will be picked up with a shovel and placed in a drum. A mop with clean solvent will be used to remove the remaining spilled material. This contaminated solvent will be placed in a drum. The drums will be sealed and labeled. The material will be disposed of in the normal fashion. On-site spill equipment includes absorbent material, shovels, mops, buckets and empty 55 gallon steel drums.

Solvents/Toxic Organics Disposal

Motor Oils Refining Company, 7601 W. 47th Street, McCook, IL picks up our used and waste oil and recycles it. Technical Petroleum Company, 6233 North Pulaski, Chicago, Il picks up our hazardous waste and hauls it to American Chemical Service, 420 S. Colfax, Griffith, Indiana where it is refined. All of this is according to Federal and Illinois EPA regulations.

Employee Training

The Safety Coordinator instructs the employees in the proper procedures for leak and spill detection, handling practices, disposal practices and reporting requirements. The training is conducted on the job and in periodic meetings. All aspects concerning these areas are according to OSHA regulations and the Federal and Illinois EPA regulations.

J.L. CLARK
a member of the CLARCOR consumer products group

January 24, 1992

Ms. Janet M. Lacina
Laboratory Services Director
DOWNERS GROVE SANITARY DISTRICT
2710 Curtiss Street
P.O. Box 1412
Downers Grove IL, 60515-0703

Dear Ms. Lacina:

Attached per your request and our recent conversation is the updated Solvent Management Plan for J.L. Clark.

We apologize for submitting this information late. If there is any added information required please let us know

Sincerely,

John Benton

JB/rnf

cc: Jim Klotz
Larry Zapfel

2300 Wisconsin Avenue
Downers Grove, Illinois 60515

708/969-6100
FAX: 708/969-8823

DOWNERS GROVE SANITARY DISTRICT
Prohibited Materials Discharge Report
July 1 Through December 31, 1991

Company Name: J. L. Clark - Tube Division

Address: 2300 Wisconsin Ave.
Downers Grove, IL. 60515

Report Completed By: AL Moore

Title: Division Operations Manager Phone: (708) 969-6100

Describe the occurrence of any discharges of materials prohibited from discharge to the sanitary sewer system. Include the date, time type of material discharged, the volume and concentration; what authorities were notified of the discharge; what actions were taken to control and clean up the material; and what actions were taken to prevent a reoccurrence.

No discharges of any prohibited materials were made to the sanitary sewer system.

(Please attach additional sheets)

If no discharges occurred during the reporting period, please indicate that by checking the certification statement below.

✓ Based on my inquiry of the person or persons directly responsible for managing compliance with the accidental spill disposal and reporting requirements, I certify that to the best of my knowledge and belief, no solvents or toxics have been dumped or spilled into the wastewaters since filing the last "Prohibited Materials Discharge Report". I further certify that this facility is implementing the Spill containment, or solvent management plan, submitted to the Downers Grove Sanitary District.

All reports must be signed by an Authorized Agent of the company named above:

Name of Authorized Agent: AL Moore
(Please type or print name)

Signature: Al Moore

Title: Division Operations Mgr. Date: 1-23-92

J.L.CLARK
a member of the CLARCOR consumer products group

J.L. CLARK - Tube Division - Solvent Management Plan

COMPANY: J.L. Clark - Tube Division
ADDRESS: 2300 Wisconsin Ave., Downers Grove, Il. 60515

NAME & TITLE OF EMPLOYEE RESPONSIBLE FOR SMP:
Larry Zapfel - Tooling & Maintenance Supervisor

List of solvents/toxic organics used and stored including vehicle of storage maximum volume stored.

Solvents/Toxic Organics	Vehicle of Storage	Maximum Volume Stored
1. Enamel, colors	5 gallon pails	300 gallons
2. Enamel, peel-off	5 gallon pails	100 gallons
3. Enamel, White	55 gallon drums	1100 gallons
4. Lacquer, H-17 epoxy phenolic	55 gallon drums	165 gallons
5. Lacquer, H-23	55 gallon drums	165 gallons
6. Lacquer, W.S.10-84A epoxy phenolic	55 gallon drums	220 gallons
7. Lacquer, V.S.3806-006, epoxy	5 gallon pail	75 gallons
8. Lubricant, 95 way &	55 gallon drums	75 gallons
9. Methyl Ethyl Ketone	55 gallon drums	165 gallons
10. Oil (compressor) DSL100	55 gallon drums	15 gallons
11. Oil (motor)	55 gallon drums	770 gallons
12. Sealant, D. Cold seal	5 gallon pails	100 gallons
13. Solvent #660	55 gallon drums	330 gallons
14. Solvent #1902	55 gallon drums	135 gallons
15. Solvent, carbitol	55 gallon drums	85 gallons
16. Solvent, cellosolve acetate	55 gallon drums	85 gallons
17. Solvent, stoddard	55 gallon drums	110 gallons
18. Solvent, waste	55 gallon drums	285 gallons
19. Oily waste water		1200 gallons
20. 46 way & gear	55 gallon drums	400 gallons
21. 611 High Temp Oil	55 gallon drums	110 gallons
22. Durol E Oil	55 gallon drums	110 gallons
23. Tower Quench Oil	55 gallon drums	55 gallons
24. Moly Film Oil	55 gallon drums	55 gallons
25. Eian-Lakk 404-077 Lacquer	55 gallon drums	660 gallons
26. Grezall RL-2 Grease	35 pound pails	6 pails

STORAGE AREA & FLOOR DRAINS

There are no bulk storage tanks at this facility.
Attached is a plant layout designating where the solvents/toxic organics listed above are stored. All solvents/toxic organics except the oils and lubricants are stored in a specifically designed locker or vault. The locker floor is seven inches below the Plant floor level. There are three separate drains in the wall at floor level located in the east wall of the locker (&Plant). These are three feet above ground level and therefore any spill going through the drains will end up on the ground outside the locker and Plant. The dimensions of the locker are 36-1/2 feet X 12-1/2 feet and the spill container capacity is 1990 gallons if the drains are plugged. The motor oil is stored on the floor in the Southwest corner of the Plant as is the lubricant 95 way & gear. The compressor oil is stored in the compressor room. There are no floor drains in any of these areas and thus a spill would be limited to the Plant floor in that specific area.

TRANSFERRING SOLVENTS/TOXIC ORGANICS

There is no piping to transfer solvents/toxic organics from storage to the process or production area. All motor oils, lacquers, lubricants and solvents in 55 gallon drums are transferred into Factory Mutual approved safety containers and 5 gallon pails in their designated storage area by hand pump or drum faucet. These are then taken (by hand) to the production location. Enamels in 55 gallon drums are first taken (by hand) to the production location. They are then transferred into 5 gallon pails by Factory Mutual approved self-closing faucets. All other solvents/toxic organics originally in 5 gallon pails are transferred to the production location in this way.

PROCEDURES TO DETECT LEAKS AND SPILLS

Upon receiving solvents/toxic organics, the shipping clerk visually inspects all containers and incoming transportation vehicle for any signs of damage or leaks before checking material in. After the solvents/toxic organics are in the storage areas and production location, visual observation occurs several times during the day and evening due to normal operations.

PROCEDURES IF A LEAK OR SPILL DEVELOPS

In the event of a spill or leak, the employee will contact the Production Manager by word of mouth or the PA system. The Production Manager will in turn recruit the appropriate personnel and material needed to stop the leak and clean up the spill. The absorbent material and spill will be picked up with a shovel and placed in a drum. A mop with clean solvent will be used to remove the remaining spilled material. This contaminated solvent will be place in a drum. The drums will be sealed and labelled. The material will be disposed of in the normal fashion. On-site spill equipment includes absorbent material, shovels, mops, buckets, and empty 55 gallon steel drums.

SOLVENTS/TONIC ORGANICS DISPOSAL

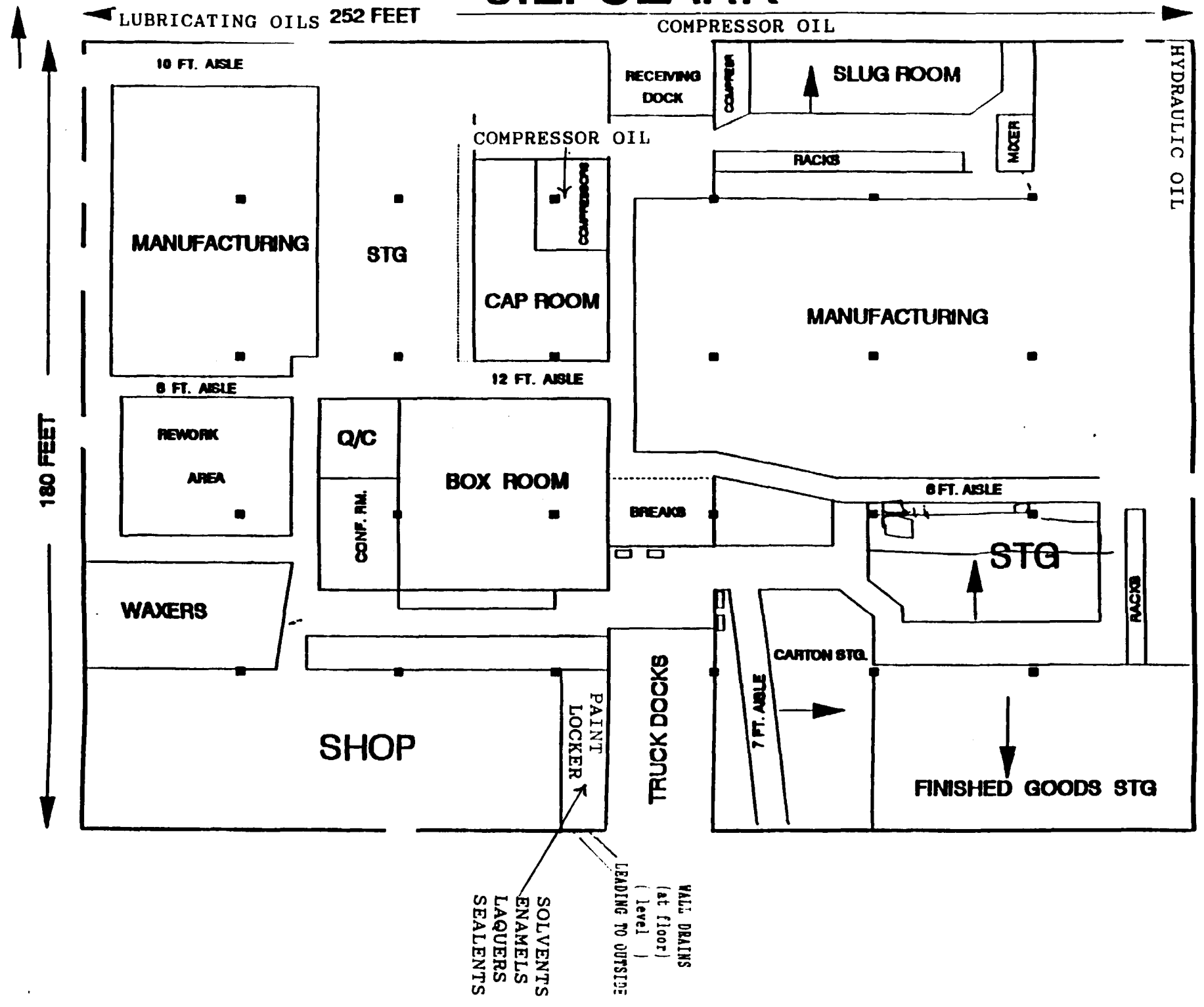
Beaver Oil, 6037 Lenzi Avenue, Hodgkins, Illinois 60625, picks up our oily condensate water and hauls it to their facility. They separate the oil from the water; the oil is introduced into a fuel program.

Avganic Waste Solvent, 114 N. Main Street, Cottage Grove, Wi., picks up our hazardous waste and hauls it to their facility where it is refined back to a useable solvent; what can not be refined into a useable solvent is introduced into a fuel program. All of this according to Federal and Illinois E.P.A. regulations.

EMPLOYEE TRAINING

The Safety Coordinator instructs the employees in the proper procedures for leak and spill detection, handling practices, disposal practices and reporting requirements. The training is conducted on the job and in periodic meetings. All aspects concerning these areas are according to OSHA regulations and Federal and Illinois EPA regulations.

J.L. CLARK


W
LUBRICATING OILS 252 FEET
COMPRESSOR OIL
HYDRAULIC OIL
180 FEET
10 FT. AISLE
MANUFACTURING
STG
RECEIVING DOCK
COMPRESSOR
SLUG ROOM
MIXER
RACKS
COMPRESSOR OIL
COMPRESSORS
CAP ROOM
12 FT. AISLE
MANUFACTURING
8 FT. AISLE
REWORK AREA
Q/C
CONF. RM.
BOX ROOM
BREAKS
6 FT. AISLE
STG
RACKS
WAXERS
CARTON STG.
7 FT. AISLE
SHOP
PAINT LOCKER
TRUCK DOCKS
FINISHED GOODS STG
SOLVENTS
ENAMELS
LAQUERS
SEALENTS
WALL DRAINS (at floor) (level) LEADING TO OUTSIDE

J.L. CLARK, Tube Division - Solvent Management Plan

COMPANY: J.L. Clark, Tube Division
ADDRESS: 2300 Wisconsin Avenue, Downers Grove, IL 60515

NAME & TITLE OF EMPLOYEE RESPONSIBLE FOR SMP:
Linn Vehslage, *Tooling and Maintenance Supervisor*

USES

Solvents are utilized in the manufacturing area as thinners and clean up for coatings and ink. Safety solvents are also used in the extrusion and maintenance departments for cleaning of parts and tooling.

List of solvents/toxic organics used and stored including vehicle of storage maximum volume stored.

	Solvents/Toxic Organics		Vehicle of Storage		Maximum Volume Stored
1	Enamel, colors	5	gallon pails	300	gallons
2	Enamel, peel-off	5	gallon pails	100	gallons
3	Enamel, white	300	gallon totes	600	gallons
4	Lacquer, H-23	55	gallon drums	165	gallons
5	Lacquer, W.S. 10-84CF	55	gallon drums	220	gallons
6	Eian-Lakk 404-077 Lacquer	55	gallon drums	660	gallons
7	Sealant, D. Cold Seal	5	gallon pails	100	gallons
8	Methyl Ethyl Ketone	55	gallon drums	165	gallons
9	Solvent #660	55	gallon drums	330	gallons
10	Solvent, cellosolve acetate	55	gallon drums	85	gallons
11	Solvent, stoddard	55	gallon drums	110	gallons
12	Solvent, waste	55	gallon drums	285	gallons
13	Lubricant, 95 way & gem oil	55	gallon drums	75	gallons
14	Oil (compressor) DSL100	55	gallon drums	15	gallons
15	611 High Temp Oil	55	gallon drums	110	gallons
16	Durol E Oil	55	gallon drums	110	gallons
17	Tower Quench Oil	55	gallon drums	55	gallons
18	Moly Film Oil	55	gallon drums	55	gallons
19	Grezall RL-2 Grease	35	pound pails	6	pails
20	T 3800 HTM Oil	15	gallon drum	30	gallons
21	TWEG - Co - oil	6	gallon pails	12	gallons
22	Tower MOH grease	35	pound pails	70	pounds
23	SSR Ultra Coolant oil	5	gallon pails	10	gallons
24	XL 740 HT Oil	5	gallon pails	10	gallons

STORAGE AREA & FLOOR DRAINS

There are no bulk storage tanks at this facility.
Attached is a plant layout designating where the solvents/toxic organics listed above are stored. All solvents/toxic organics except the oils and lubricants are stored in a specifically designed locker or vault. The locker floor is seven inches below designed the Plant floor level. There are three separate drains in the wall at floor level located in the east wall of the locker (& Plant). These are three feet above ground level and therefore any spill going through the drains will end up on the ground outside the locker and Plant. The dimensions of the locker are 36-1/2 feet x 12-1/2 feet and the spill container capacity is 1990 gallons if the drains are plugged. The motor oil is stored on the floor in the Southwest corner of the Plant as is the lubricant 95 way and gear. The compressor oil is stored in the compressor room. There are no floor drains in any of these areas and thus a spill would be limited to the Plant floor in that specific area.

TRANSFERRING SOLVENTS/TOXIC ORGANICS

There is no piping to transfer solvents/toxic organics from storage to the process or production area. All motor oils, lacquers, lubricants and solvents in 55 gallon drums are transferred into Factory Mutual approved safety containers and 5 gallon pails in their designated storage area by hand pump or drum faucet. These are then taken (by hand) to the production location. Enamels in 55 gallon drums are first taken (by hand) to the production location. They are then transferred into 5 gallon pails by Factory Mutual approved self-closing faucets. All other solvent/toxic organics originally in 5 gallon pails are transferred to the production location in this way.

PROCEDURES TO DETECT LEAKS AND SPILLS

Upon receiving solvents/toxic organics the shipping clerk visually inspects all containers and incoming transportation vehicle for any signs of damage or leaks before checking material in. After the solvents/toxic organics are in the storage areas and production location, visual observation occurs several times during the day and evening do to normal operations.

PROCEDURES IF A LEAK OR SPILL DEVELOPS

In the event of a spill or leak, the employee will contact the Production Manager by work of mouth or the PA system. The Production manager will in turn recruit the appropriate personnel and material needed to stop the leak and clean up the spill. The absorbent material and spill will be picked up with a shovel and placed in a drum. A mop with clean solvent will be used to remove the remaining spilled material. This contaminated solvent will be placed in a drum. The drums will be sealed and labeled. The material will be disposed of in the normal fashion. On-site spill equipment includes absorbent material, shovels, mops, buckets, and empty 55 gallon steel drums.

SOLVENTS/HAZARDOUS WASTE DISPOSAL

Beaver Oil, 6037 Lenzi Avenue, Hodgkins, Illinois 60625, picks up our oily condensate water and hauls it to their facility. They separate the oil from the water; the oil is introduced into a fuel program.

Avganic Waste Solvent, 114 N. Main Street, Cottage Grove, Wisconsin, picks up our hazardous waste and hauls it to their facility where it is refined back to a useable solvent; what can not be refined into a useable solvent is introduced into a fuel program. All of this according to Federal and Illinois E.P.A. regulations.

EMPLOYEE TRAINING

The Safety Coordinator instructs the employees in the proper procedures for leak and spill detection, handling practices, disposal practices and reporting requirements. The training is conducted on the job and in periodic meetings. All aspects concerning these areas are according to OSHA regulations and Federal and Illinois EPA regulations.

lv\solv-mgm

Appendix F

IL 532-610
LPC 62 8/81

TO BE COMPLETED BY WASTE GENERATOR

STATE OF ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706
(217) 782-6760
SPECIAL WASTE HAULING MANIFEST

072423

Authorization Number _____ (8)

J. L. Clark Mfg. (Company Name) | 2300 Wisconsin (Address) | 312 696 6100 (Phone Number) | 0430300008 (14 Generator Number)
Downers Grove (City) | Ill. (State) | 60515 (Zip) | ILD005130000 (EPA Number)

WASTE HAULER(S)

Inland Petroleum (Hauler Name) | 6233 N Pulaski (Hauler Address), Chicago Ill. 60646 | S.W.H. Registration Number 062500 (25)
312 463 5200 (Phone Number) | ILD005441169 (EPA Number)

Hauler Name _____ | Hauler Address _____ | S.W.H. Registration Number _____ (32)
Phone Number _____ | EPA Number _____

DESTINATION — DISPOSAL, STORAGE OR TREATMENT SITE

American Chemical (Facility Name) | 420 S. Colfax (Address) | 918 0890 (39 Site Number)
Griffith (City) | Ind. (State) | 46319 (Zip) | 219 924 4390 (Phone Number) | IND016360260 (EPA Number)

Alternate (Facility Name) _____ | Address _____ | 39 Site Number _____
City _____ | State _____ | Zip _____ | Phone Number _____ | EPA Number _____

TO BE COMPLETED BY WASTE GENERATOR

WASTE NAME: Paint Solvents | WASTE PHASE: Liquid (Liquid, Gaseous, Solid)

THE SPECIAL WASTE BEING TRANSPORTED UNDER THIS MANIFEST IS OF THE DOT HAZARD CLASSIFICATION INDICATED IMMEDIATELY BELOW:

SHIPPING DESCRIPTION: Solvents NOS flammable Liquids | HAZARD CLASS: | UN 1993 (UN or NA Number) | F003 (EPA HW Number)

WEIGHT FOR D.O.T. USE 2000 LBS (circle one) TONS (circle one) | WEIGHT FOR I.E.P.A. USE MUST BE CONVERTED TO CU. YDS. OR GAL. | QUANTITY OF WASTE DELIVERED: 220 (47, 52) 1 GALLONS (Circle One) 2 CU. YDS. (53)

METHOD OF SHIPMENT (Circle One) (DRUMS 4 Number) TANK TRUCK OPEN TRUCK OTHER (Specify) _____

THIS IS TO CERTIFY THAT THE ABOVE-NAMED WASTE ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, AND LABELED AND IS IN PROPER CONDITION FOR TRANSPORTATION, IN ACCORDANCE WITH THE APPLICABLE REGULATIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND I.E.P.A.

I HEREBY AGREE TO AND CERTIFY THE ABOVE WRITTEN INFORMATION _____ (Authorized Signature) DATE: 2-15-83

WASTE HAULER

I HEREBY CERTIFY THAT THE ABOVE-DESCRIBED WASTE AND QUANTITY HAS BEEN ACCEPTED IN PROPER CONDITION FOR TRANSPORT AND I ACKNOWLEDGE THE DESTINATION AS INDICATED:

(1) _____ (Authorized Signature) DATE: 2/15/8_ (54)

(2) _____ (Authorized Signature) DATE: __/__/__

DISPOSAL, STORAGE, OR TREATMENT FACILITY*

HAZARDOUS WASTE SUBJECT TO FEE YES _____ NO X

I HEREBY CERTIFY THAT THE ABOVE-DESCRIBED WASTE AND INDICATED QUANTITY HAS BEEN ACCEPTED AT THE SITE SPECIFIED ABOVE:

Bob Mauck (Authorized Signature) DATE: 02/15/83 (60, 6)

COMMENTS OR SPECIAL INSTRUCTIONS: _____

IN ILLINOIS: 217 / 782-3637 | *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* | OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-26

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 SITE PART - 4 HAULER PART - 5 IEPA PART 6 - GENERATOR

REV. # 4

GENERATOR COPY — PART 1 - DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111½, Section 22. Disclosure of this information is required. Failure to do so may result in a civil penalty up to $10,000.00 and an additional civil penalty up to $1,000.00 and imprisonment up to one year. This form has been approved by the Forms Management Center.

LPC 62 8/81

TO BE COMPLETED BY WASTE GENERATOR

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706
(217) 782-6760
SPECIAL WASTE HAULING MANIFEST

072424

Authorization Number

J. S. Clark Mfg. Co (Company Name) | 2300 Wisconsin (Address) | 312 969 6100 (Phone Number) | 0430300008 (Generator Number)
Downers Grove (City) | Ill. (State) | 60515 (Zip) | ILD005130001 (EPA Number)

RECEIVED JUN 3 1983 J. S. CLARK ATLAS TUBE DIV. DOWNERS GROVE, ILL.

WASTE HAULER(S)

Technical Petroleum (Hauler Name) | 6233 N. Pulaski Chicago, Ill. 60646 (Hauler Address) | 312 463 5200 (Phone Number) | S.W.H. Registration Number 0625001 | ILD005441691 (EPA Number)

Hauler Name | Hauler Address | Phone Number | S.W.H. Registration Number | EPA Number

DESTINATION — DISPOSAL STORAGE OR TREATMENT SITE

American Chemical Service (Facility Name) | 420 S. Colfax (Address) | 918089 (Site Number)
Griffith (City) | Ind. (State) | 46319 (Zip) | 219 924 4310 (Phone Number) | IND016360261 (EPA Number)

Alternate (Facility Name) | Address | Site Number
City | State | Phone Number | EPA Number

TO BE COMPLETED BY WASTE GENERATOR

WASTE NAME: Paint Solvents | WASTE PHASE: Liquid (Liquid, Gaseous, Solid)

THE SPECIAL WASTE BEING TRANSPORTED UNDER THIS MANIFEST IS OF THE DOT HAZARD CLASSIFICATION INDICATED IMMEDIATELY BELOW:

SHIPPING DESCRIPTION: Solvents NOS, flammable Liquid | HAZARD CLASS: | UN or NA Number: UN 1993 | EPA HW Number: F003

WEIGHT FOR D.O.T. USE: 2,500 LBS / TONS (circle one) | WEIGHT FOR I.E.P.A. USE MUST BE CONVERTED TO CU. YDS. OR GAL. | QUANTITY OF WASTE DELIVERED: 275 GALLONS (Circle One) / CU. YDS.

METHOD OF SHIPMENT (Circle One) (DRUMS 5 Number) TANK TRUCK OPEN TRUCK OTHER (Specify)

THIS IS TO CERTIFY THAT THE ABOVE-NAMED WASTE ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, AND LABELED AND IS IN PROPER CONDITION FOR TRANSPORTATION, IN ACCORDANCE WITH THE APPLICABLE REGULATIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND I.E.P.A.

I HEREBY AGREE TO AND CERTIFY THE ABOVE WRITTEN INFORMATION (Authorized Signature) DATE: 6-1-83

WASTE HAULER

I HEREBY CERTIFY THAT THE ABOVE-DESCRIBED WASTE AND QUANTITY HAS BEEN ACCEPTED IN PROPER CONDITION FOR TRANSPORT AND I ACKNOWLEDGE THE DESTINATION AS INDICATED:

(1) David Smith (Authorized Signature) DATE: 6/1/83

(2) (Authorized Signature) DATE: / /

DISPOSAL, STORAGE, OR TREATMENT FACILITY*

HAZARDOUS WASTE SUBJECT TO FEE YES ____ NO X

I HEREBY CERTIFY THAT THE ABOVE DESCRIBED WASTE AND INDICATED QUANTITY HAS BEEN ACCEPTED AT THE SITE SPECIFIED ABOVE.

(Authorized Signature) DATE 6/1/83

COMMENTS OR SPECIAL INSTRUCTIONS

IN ILLINOIS: 217 / 782-3637 | *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* | OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-2675

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 SITE PART - 4 HAULER PART - 5 IEPA PART 6 - GENERATOR

REV # 4 **GENERATOR COPY — PART 1 - DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.**

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111½, Section 22. Disclosure of this information is required. Failure to do so may result in a civil penalty up to $10,000.00 and an additional civil penalty up to $1,000.00 and imprisonment up to one year. This form has been approved by the Forms Management Center.

TO BE COMPLETED BY WASTE GENERATOR

ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706
(217) 782-6760
SPECIAL WASTE HAULING MANIFEST

072423

Authorization Number 99833

J. L. Clark Mfg. (Company Name) | 2300 Wisconsin (Address) | 3129696100 (Phone Number) | 0430300008 (Generator Number)
Downers Grove (City) | IL. (State) | 60515 (Zip) | ILD005130001 (EPA Number)

WASTE HAULER(S)

Motor Oils Refining (Hauler Name) | 7601 W 47 St. McCook, Ill. (Hauler Address) | S.W.H. Registration Number 011301 | 3124426166 (Phone Number) | ILT000064678 (EPA Number)

Hauler Name | Hauler Address | S.W.H. Registration Number | Phone Number | EPA Number

DESTINATION — DISPOSAL STORAGE OR TREATMENT SITE

Motor Oils Refining (Facility Name) | 7601 W 47 St. (Address) | 031174 (Site Number)
McCook (City) | Ill. (State) | 60525 (Zip) | 3124426166 (Phone Number) | ILT000064678 (EPA Number)

Alternate (Facility Name) | Address | Site Number
City | State | Zip | Phone Number | EPA Number

TO BE COMPLETED BY WASTE GENERATOR

WASTE NAME: Used Oils | WASTE PHASE: Liquid (Liquid, Gaseous, Solid)

THE SPECIAL WASTE BEING TRANSPORTED UNDER THIS MANIFEST IS OF THE DOT HAZARD CLASSIFICATION INDICATED IMMEDIATELY BELOW:

SHIPPING DESCRIPTION: Petroleum Oils Inflammable Liquids | HAZARD CLASS: | UN 1270 (UN or NA Number) | EPA HW Number

WEIGHT FOR D.O.T. USE 3290 LBS (circle one) TONS | WEIGHT FOR I.E.P.A. USE MUST BE CONVERTED TO CU. YDS. OR GAL. | QUANTITY OF WASTE DELIVERED: 000470 (1 GALLONS (Circle One) 2 CU. YDS.) 1

METHOD OF SHIPMENT (Circle One) (DRUMS_____ Number) TANK TRUCK OPEN TRUCK OTHER (Specify) _____

THIS IS TO CERTIFY THAT THE ABOVE-NAMED WASTE ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, AND LABELED AND IS IN PROPER CONDITION FOR TRANSPORTATION, IN ACCORDANCE WITH THE APPLICABLE REGULATIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND I.E.P.A.

I HEREBY AGREE TO AND CERTIFY THE ABOVE WRITTEN INFORMATION Joe Hynes (Authorized Signature) DATE: 6-27-83

WASTE HAULER

I HEREBY CERTIFY THAT THE ABOVE-DESCRIBED WASTE AND QUANTITY HAS BEEN ACCEPTED IN PROPER CONDITION FOR TRANSPORT AND I ACKNOWLEDGE THE DESTINATION AS INDICATED:

(1) Robert T. Delis (Authorized Signature) DATE: 06/27/83

(2) _____ (Authorized Signature) DATE: ___/___/___

DISPOSAL, STORAGE, OR TREATMENT FACILITY*

HAZARDOUS WASTE SUBJECT TO FEE YES_____ NO_____

I HEREBY CERTIFY THAT THE ABOVE-DESCRIBED WASTE AND INDICATED QUANTITY HAS BEEN ACCEPTED AT THE SITE SPECIFIED ABOVE:

Eileen Biela (Authorized Signature) DATE: 06/28/83

COMMENTS OR SPECIAL INSTRUCTIONS: _____

24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS

IN ILLINOIS: 217 / 782-3637 OUTSIDE ILLINOIS 800 / 424-8802 or 202 / 426-2675

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 SITE PART - 4 HAULER PART - 5 IEPA PART 6 - GENERATOR

REV. # 4

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LPC 62 8/81

TO BE COMPLETED BY WASTE GENERATOR

Joe Hynes

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706
(217) 782-6760
SPECIAL WASTE HAULING MANIFEST

072424

Authorization Number

J.L. Clark Mfg. (Company Name) | 2300 Wisconsin (Address) | 312 9696100 (Phone Number) | 0730300008 (Generator Number)
Downers Grove (City) | IL (State) | 60517 (Zip) | ILD005130000 (EPA Number)

WASTE HAULER(S)

Technical Petroleum (Hauler Name) | 6233 N. Pulaski, Chicago, Ill - 60646 (Hauler Address) | S.W.H. Registration Number 062500
312 4635200 (Phone Number) | ILD005441691 (EPA Number)

Hauler Name | Hauler Address | S.W.H. Registration Number
Phone Number | EPA Number

DESTINATION — DISPOSAL STORAGE OR TREATMENT SITE

American Chemical Service (Facility Name) | 420 S. Colfax (Address) | 918089002 (Site Number)
Griffith (City) | Ind. (State) | 46319 (Zip) | 219 924 4370 (Phone Number) | IND016360262 (EPA Number)

Alternate (Facility Name) | Address | Site Number
City | State | Zip | Phone Number | EPA Number

TO BE COMPLETED BY WASTE GENERATOR

WASTE NAME: Paint Solvents | WASTE PHASE: Liquid (Liquid, Gaseous, Solid)

THE SPECIAL WASTE BEING TRANSPORTED UNDER THIS MANIFEST IS OF THE DOT HAZARD CLASSIFICATION INDICATED IMMEDIATELY BELOW:

SHIPPING DESCRIPTION: Solvents NOS flammable Liquid | HAZARD CLASS: | UN 1993 (UN or NA Number) | F003 (EPA HW Number)

WEIGHT FOR D.O.T. USE 2500 LBS (circle one) TONS | WEIGHT FOR I.E.P.A. USE MUST BE CONVERTED TO CU. YDS. OR GAL. | QUANTITY OF WASTE DELIVERED: 275 (1 GALLONS (Circle One) 2 CU. YDS.)

METHOD OF SHIPMENT (Circle One) (DRUMS 5 Number) TANK TRUCK OPEN TRUCK OTHER (Specify)

THIS IS TO CERTIFY THAT THE ABOVE-NAMED WASTE ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, AND LABELED AND IS IN PROPER CONDITION FOR TRANSPORTATION IN ACCORDANCE WITH THE APPLICABLE REGULATIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND I.E.P.A.

I HEREBY AGREE TO AND CERTIFY THE ABOVE WRITTEN INFORMATION x Joe Hynes (Authorized Signature) DATE:

WASTE HAULER

I HEREBY CERTIFY THAT THE ABOVE-DESCRIBED WASTE AND QUANTITY HAS BEEN ACCEPTED IN PROPER CONDITION FOR TRANSPORT AND I ACKNOWLEDGE THE DESTINATION AS INDICATED:

(1) (Authorized Signature) DATE: 9/14/83

(2) (Authorized Signature) DATE: / /

DISPOSAL, STORAGE, OR TREATMENT FACILITY*

HAZARDOUS WASTE SUBJECT TO FEE YES ____ NO X

I HEREBY CERTIFY THAT THE ABOVE-DESCRIBED WASTE AND INDICATED QUANTITY HAS BEEN ACCEPTED AT THE SITE SPECIFIED ABOVE:

(Authorized Signature) DATE: 9/23/83

COMMENTS OR SPECIAL INSTRUCTIONS

24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS

IN ILLINOIS 217 / 782-3637 | OUTSIDE ILLINOIS 800 / 424-8802 or 202 / 426-2675

DISTRIBUTION PART - 1 GENERATOR PART - 2 IEPA PART - 3 SITE PART - 4 HAULER PART - 5 IEPA PART 6 - GENERATOR

REV # 4

GENERATOR COPY — PART 1 - DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111½, Section 22. Disclosure of this information is required. Failure to do so may result in a civil penalty up to $10,000.00 and an additional civil penalty up to $1,000.00 and imprisonment up to one year. This form has been approved by the Forms Management Center

(PC 62 8/81)

STATE OF ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706
(217) 782-6760
SPECIAL WASTE HAULING MANIFEST

072424

TO BE COMPLETED BY WASTE GENERATOR

Jack Hyne

Authorization Number _____

J. L. Clark Mfg. (Company Name) 2300 Wisconsin (Address) 3129696100 (Phone Number) 0430300008 (Generator Number)

Downers Grove (City) Ill. (State) 60515 (Zip) ILD005130000 (EPA Number)

WASTE HAULER(S)

Technical Petroleum Co. (Hauler Name) 6233 N Pulaski Chicago, Ill 60646 (Hauler Address) S.W.H. Registration Number 0625732

3124635200 (Phone Number) ILD005441691 (EPA Number)

Hauler Name _____ Hauler Address _____ S.W.H. Registration Number _____

Phone Number _____ EPA Number _____

DESTINATION — DISPOSAL STORAGE OR TREATMENT SITE

American Chemical Service (Facility Name) 420 S. Colfax (Address) 9180890 (Site Number)

Griffith (City) Ind. (State) 46319 (Zip) 2199244370 (Phone Number) IND016360265 (EPA Number)

Alternate (Facility Name) _____ Address _____ Site Number _____

City _____ State _____ Zip _____ Phone Number _____ EPA Number _____

TO BE COMPLETED BY WASTE GENERATOR

WASTE NAME Paint Solvents WASTE PHASE Liquid (Liquid, Gaseous, Solid)

THE SPECIAL WASTE BEING TRANSPORTED UNDER THIS MANIFEST IS OF THE DOT HAZARD CLASSIFICATION INDICATED IMMEDIATELY BELOW

SHIPPING DESCRIPTION: Solvents NOS HAZARD CLASS: Flammable Liquid UN 1993 (UN or NA Number) F003 (EPA HW Number)

WEIGHT FOR D.O.T. USE 3000 LBS TONS (circle one) WEIGHT FOR I.E.P.A. USE MUST BE CONVERTED TO CU. YDS. OR GAL. QUANTITY OF WASTE DELIVERED: 330 (1) GALLONS (Circle One) (2) CU. YDS.

METHOD OF SHIPMENT (Circle One) (DRUMS 6 Number) TANK TRUCK OPEN TRUCK OTHER (Specify) _____

THIS IS TO CERTIFY THAT THE ABOVE-NAMED WASTE ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, AND LABELED AND IS IN PROPER CONDITION FOR TRANSPORTATION, IN ACCORDANCE WITH THE APPLICABLE REGULATIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND I.E.P.A.

I HEREBY AGREE TO AND CERTIFY THE ABOVE WRITTEN INFORMATION x Jack Hyne (Authorized Signature) DATE 11-23-83

WASTE HAULER

I HEREBY CERTIFY THAT THE ABOVE-DESCRIBED WASTE AND QUANTITY HAS BEEN ACCEPTED IN PROPER CONDITION FOR TRANSPORT AND I ACKNOWLEDGE THE DESTINATION AS INDICATED

(1) R. Hausmith (Authorized Signature) DATE: 11/23/83

(2) _____ (Authorized Signature) DATE: __/__/__

DISPOSAL, STORAGE, OR TREATMENT FACILITY*

HAZARDOUS WASTE SUBJECT TO FEE YES _____ NO X

I HEREBY CERTIFY THAT THE ABOVE-DESCRIBED WASTE AND INDICATED QUANTITY HAS BEEN ACCEPTED AT THE SITE SPECIFIED ABOVE

Frank Price (Authorized Signature) DATE 11/23/83

COMMENTS OR SPECIAL INSTRUCTIONS _____

IN ILLINOIS 217 / 782-3637 *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS OUTSIDE ILLINOIS 800 / 424-8802 or 202 / 426-2675

DISTRIBUTION PART - 1 GENERATOR PART - 2 IEPA PART - 3 SITE PART - 4 HAULER PART - 5 IEPA PART 6 - GENERATOR

REV # 4

GENERATOR COPY — PART 1 - DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111½, Section 22. Disclosure of this information is required. Failure to do so may result in a civil penalty up to $10,000.00 and an additional civil penalty up to $1,000.00 and imprisonment up to one year. This form ...

- TO BE COMPLETED BY WASTE GENERATOR

ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706
(217) 782-6760
SPECIAL WASTE HAULING MANIFEST

U72423

Authorization Number 99833

J. L. Clark Mfg. (Company Name) | 2300 Wisconsin (Address) | 3129696100 (Phone Number) | 0430300008 (Generator Number)
Downers Grove (City) | Ill. (State) | 60515 (Zip) | ILD005130000 (EPA Number)

WASTE HAULER(S)

Motor Oils Refining (Hauler Name) | 7601 W 47 St. Mc Cook, Ill. (Hauler Address) | S.W.H. Registration Number 0113/01
3124426166 (Phone Number) | ILT000064678 (EPA Number)

Hauler Name | Hauler Address | S.W.H. Registration Number
Phone Number | EPA Number

DESTINATION — DISPOSAL STORAGE OR TREATMENT SITE

Motor Oils Refining (Facility Name) | 7601 W 47 St. (Address) | 0311740 (Site Number)
Mc Cook (City) | Ill. (State) | 60525 (Zip) | 3124426166 (Phone Number) | ILT000064678 (EPA Number)

Alternate (Facility Name) | Address | Site Number
City | State | Zip | Phone Number | EPA Number

TO BE COMPLETED BY WASTE GENERATOR

WASTE NAME: used oils | WASTE PHASE: liquid (Liquid, Gaseous, Solid)

THE SPECIAL WASTE BEING TRANSPORTED UNDER THIS MANIFEST IS OF THE DOT HAZARD CLASSIFICATION INDICATED IMMEDIATELY BELOW:

SHIPPING DESCRIPTION: Petroleum Oils Flammable Liquids | HAZARD CLASS: | UN1270 (UN or NA Number) | EPA HW Number

WEIGHT FOR D.O.T. USE 1650 LBS (circle one) TONS | WEIGHT FOR I.E.P.A. USE MUST BE CONVERTED TO CU. YDS. OR GAL. | QUANTITY OF WASTE DELIVERED 330 (circle one) GALLONS CU. YDS.

METHOD OF SHIPMENT (Circle One) (DRUMS ____ Number) TANK TRUCK OPEN TRUCK OTHER (Specify) ____

THIS IS TO CERTIFY THAT THE ABOVE-NAMED WASTE ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, AND LABELED AND IS IN PROPER CONDITION FOR TRANSPORTATION, IN ACCORDANCE WITH THE APPLICABLE REGULATIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND I.E.P.A.

I HEREBY AGREE TO AND CERTIFY THE ABOVE WRITTEN INFORMATION ____ (Authorized Signature) DATE: 12-8-83

WASTE HAULER

I HEREBY CERTIFY THAT THE ABOVE-DESCRIBED WASTE AND QUANTITY HAS BEEN ACCEPTED IN PROPER CONDITION FOR TRANSPORT AND I ACKNOWLEDGE THE DESTINATION AS INDICATED:

(1) Dennis Horner (Authorized Signature) DATE: 12/08/83

(2) ____ (Authorized Signature) DATE: __/__/__

DISPOSAL, STORAGE, OR TREATMENT FACILITY*

HAZARDOUS WASTE SUBJECT TO FEE YES ____ NO ____

I HEREBY CERTIFY THAT THE ABOVE-DESCRIBED WASTE AND INDICATED QUANTITY HAS BEEN ACCEPTED AT THE SITE SPECIFIED ABOVE:

Joanne Connelly (Authorized Signature) DATE: 12/8/83

COMMENTS OR SPECIAL INSTRUCTIONS: ____

IN ILLINOIS 217 / 782-3637 | *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* | OUTSIDE ILLINOIS 800 / 424-8802 or 202 / 426-2675

DISTRIBUTION PART - 1 GENERATOR PART - 2 IEPA PART - 3 SITE PART - 4 HAULER PART - 5 IEPA PART 6 - GENERATOR

REV. # 4 GENERATOR COPY — PART 1 - DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.

This Agency is authorized to require this information under Illinois Revised Statutes 1979, Chapter 111½, Section 22. Disclosure of this information is required. Failure to do so may result in a civil penalty up to $10,000.00 and an additional civil penalty up to $1,000.00 and imprisonment up to one year. This form has been approved by the Forms Management Center.

LPC 62 8/81

TO BE COMPLETED BY WASTE GENERATOR

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706
(217) 782-6760
SPECIAL WASTE HAULING MANIFEST

089407

Authorization Number

J.L. Clark Mfg. (Company Name) 2300 Wisconsin (Address) 312 969 4100 (Phone Number) 043030008 (Generator Number)
Downers Grove (City) Ill. (State) 60515 (Zip) ILD005130000 (EPA Number)

WASTE HAULER(S)

Technical Petroleum (Hauler Name) 6233 N. Pulaski Rd. Chicago, Ill. (Hauler Address) S.W.H. Registration Number 062501
312 463 5200 (Phone Number) ILD005441169 (EPA Number)

Hauler Name Hauler Address S.W.H. Registration Number
Phone Number EPA Number

DESTINATION — DISPOSAL, STORAGE OR TREATMENT SITE

American Chemical Service (Facility Name) 420 S. Colfax (Address) 918089 0 (Site Number)
Griffith (City) Ind. (State) 46319 (Zip) 219 924 4310 (Phone Number) IND016360276 (EPA Number)

Alternate (Facility Name) Address Site Number
City State Zip Phone Number EPA Number

TO BE COMPLETED BY WASTE GENERATOR

WASTE NAME: Paint Solvents WASTE PHASE: Liquid (Liquid, Gaseous, Solid)

THE SPECIAL WASTE BEING TRANSPORTED UNDER THIS MANIFEST IS OF THE DOT HAZARD CLASSIFICATION INDICATED IMMEDIATELY BELOW

SHIPPING DESCRIPTION: solvents NOS HAZARD CLASS: flammable liquids UN1993 (UN or NA Number) F003 (EPA HW Number)

WEIGHT FOR D.O.T. USE 2,500 LBS TONS (circle one) WEIGHT FOR I.E.P.A. USE MUST BE CONVERTED TO CU. YDS. OR GAL. QUANTITY OF WASTE DELIVERED: 275 GALLONS (Circle One) CU. YDS.

METHOD OF SHIPMENT (Circle One) (DRUMS 5 Number) TANK TRUCK OPEN TRUCK OTHER (Specify)

THIS IS TO CERTIFY THAT THE ABOVE-NAMED WASTE ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, AND LABELED AND IS IN PROPER CONDITION FOR TRANSPORTATION, IN ACCORDANCE WITH THE APPLICABLE REGULATIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND I.E.P.A.

I HEREBY AGREE TO AND CERTIFY THE ABOVE WRITTEN INFORMATION (Authorized Signature) DATE: 3-19-84

WASTE HAULER

I HEREBY CERTIFY THAT THE ABOVE-DESCRIBED WASTE AND QUANTITY HAS BEEN ACCEPTED IN PROPER CONDITION FOR TRANSPORT AND I ACKNOWLEDGE THE DESTINATION AS INDICATED

DATE: 3/19/84

DATE: / /

DISPOSAL

HAZARDOUS WASTE SUBJECT TO FEE YES NO

I HEREBY CERTIFY THAT THE INDICATED QUANTITY HAS BEEN ACCEPTED AT THE SITE SPECIFIED ABOVE:

DATE: 3/20/84

COMMENTS OR SPECIAL INSTRUCTIONS

IN ILLINOIS: 217 / 782-3637 *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* OUTSIDE ILLINOIS 800 / 424-8802 or 202 / 426-267

DISTRIBUTION: PART - 1 GENERATOR PART - 3 SITE PART - 4 HAULER PART - 5 IEPA PART 6 - GENERATOR

REV. 8 4

COPY — PART 1 - DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.

Illinois Revised Statutes, 1979, Chapter 111½, Section 22. Disclosure of this information is required. Failure to do so may result in a civil penalty up to $ imprisonment up to one year. This form has been approved by the Forms Management Center.

IPC 62 8/81

TO BE COMPLETED BY WASTE GENERATOR

STATE OF ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706
(217) 782-6760
SPECIAL WASTE HAULING MANIFEST

089407

Authorization Number

J.L. Clark Mfg. (Company Name) | 2300 Wisconsin (Address) | 3129696100 (Phone Number) | 0430300008 (Generator Number)
Downers Grove (City) | Ill. (State) | 60515 (Zip) | ILD005130000 (EPA Number)

WASTE HAULER(S)

Technical Petroleum (Hauler Name) | 6233 N. Pulaski, Chicago, Ill. 60646 (Hauler Address) | S.W.H. Registration Number 062500
3124635200 (Phone Number) | ILD005441169 (EPA Number)

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Hauler Name | Hauler Address | S.W.H. Registration Number
Phone Number | EPA Number

J. L. CLARK, ATLAS TUBE DIV.
DOWNERS GROVE, ILL.

DESTINATION — DISPOSAL STORAGE OR TREATMENT SITE

American Chemical (Facility Name) | 120 S. Colfax (Address) | 918089 (Site Number)
Griffith (City) | Ind. (State) | 46319 (Zip) | 2199244370 (Phone Number) | IND016360260 (EPA Number)

Alternate (Facility Name) | Address | Site Number
City | State | Zip | Phone Number | EPA Number

TO BE COMPLETED BY WASTE GENERATOR

WASTE NAME: Paint Solvents | WASTE PHASE: Liquid (Liquid, Gaseous, Solid)

THE SPECIAL WASTE BEING TRANSPORTED UNDER THIS MANIFEST IS OF THE DOT HAZARD CLASSIFICATION INDICATED IMMEDIATELY BELOW:

SHIPPING DESCRIPTION: Solvents NOS | HAZARD CLASS: Flammable Liquid | UN 1993 (UN or NA Number) | F003 (EPA HW Number)

WEIGHT FOR D.O.T. USE 2,500 LBS / TONS (circle one) | WEIGHT FOR I.E.P.A. USE MUST BE CONVERTED TO CU. YDS. OR GAL. | QUANTITY OF WASTE DELIVERED: 275 (1) GALLONS (Circle One) / CU. YDS.

METHOD OF SHIPMENT (Circle One) (DRUMS 5 Number) TANK TRUCK OPEN TRUCK OTHER (Specify)

THIS IS TO CERTIFY THAT THE ABOVE-NAMED WASTE ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, AND LABELED AND IS IN PROPER CONDITION FOR TRANSPORTATION, IN ACCORDANCE WITH THE APPLICABLE REGULATIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND I.E.P.A.

I HEREBY AGREE TO AND CERTIFY THE ABOVE WRITTEN INFORMATION (Authorized Signature) DATE: 7-13-84

WASTE HAULER

I HEREBY CERTIFY THAT THE ABOVE-DESCRIBED WASTE AND QUANTITY HAS BEEN ACCEPTED IN PROPER CONDITION FOR TRANSPORT AND I ACKNOWLEDGE THE DESTINATION AS INDICATED:

(1) (Authorized Signature) DATE: 7/13/84

(2) (Authorized Signature) DATE: / /

DISPOSAL, STORAGE, OR TREATMENT FACILITY*

HAZARDOUS WASTE SUBJECT TO FEE YES ____ NO ____

I HEREBY CERTIFY THAT THE ABOVE-DESCRIBED WASTE AND INDICATED QUANTITY HAS BEEN ACCEPTED AT THE SITE SPECIFIED ABOVE:

(Authorized Signature) DATE: 7/18/84

COMMENTS OR SPECIAL INSTRUCTIONS:

IN ILLINOIS 217 / 782-3637 | *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* | OUTSIDE ILLINOIS 800 / 424-8802 or 202 / 426-26

DISTRIBUTION PART - 1 GENERATOR | PART - 2 IEPA | PART - 3 SITE | PART - 4 HAULER | PART - 5 IEPA | PART 6 - GENERATOR

REV. # 4 **GENERATOR COPY — PART 1 - DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.**

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111½, Section 22. Disclosure of this information is required. Failure to do so may result in a civil penalty up to $10,000.00 and an additional civil penalty up to $1,000.00 and imprisonment up to one year. This form has been approved by the Forms Management Center.

TO BE COMPLETED BY WASTE GENERATOR

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706
217/782-6762
SPECIAL WASTE HAULING MANIFEST

1028115

Authorization Number 998333

J L Clark Mfg. (Company Name) 2300 Wisconsin (Address) 3129696100 (Phone Number) 0430300008 (Generator Number)

Downers Grove (City) Ill (State) 60514 (Zip) (EPA Number)

WASTE HAULER(S)

Motor Oils Refining (Hauler Name) 7601 W-47th St (Hauler Address) S.W.H. Registration Number 0113031

3122446166 (Phone Number) ILT000646786 (EPA Number)

Mc Cook Il. 60525 (Hauler Name) (Hauler Address) S.W.H. Registration Number

(Phone Number) (EPA Number)

DESTINATION — DISPOSAL STORAGE OR TREATMENT SITE

Motor Oils Refining (Facility Name) 7601 W 47th St (Address) 0311740 (Site Number)

Mc Cook (City) Il. (State) 60525 (Zip) 3122446166 (Phone Number) ILT000646786 (EPA Number)

(Alternate (Facility Name)) (Address) (Site Number)

(City) (State) (Zip) (Phone Number) (EPA Number)

TO BE COMPLETED BY WASTE GENERATOR

WASTE NAME used oils WASTE PHASE Liquid (Liquid, Gaseous, Solid)

THE SPECIAL WASTE BEING TRANSPORTED UNDER THIS MANIFEST IS OF THE DOT HAZARD CLASSIFICATION INDICATED IMMEDIATELY BELOW

SHIPPING DESCRIPTION Petroleum Oil HAZARD CLASS flammable liquids UN1270 (UN or NA Number) (EPA HW Number)

WEIGHT FOR D.O.T. USE 2400 LBS/TONS (circle one) WEIGHT FOR I.E.P.A. USE MUST BE CONVERTED TO CU. YDS. OR GAL. QUANTITY OF WASTE DELIVERED 475 GALLONS (Circle One) 2 CU. YDS. 1

METHOD OF SHIPMENT (Circle One) (DRUMS ____ Number) TANK TRUCK OPEN TRUCK OTHER (Specify)

THIS IS TO CERTIFY THAT THE ABOVE-NAMED WASTE ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, AND LABELED AND IS IN PROPER CONDITION FOR TRANSPORTATION IN ACCORDANCE WITH THE APPLICABLE REGULATIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND I.E.P.A.

I HEREBY AGREE TO AND CERTIFY THE ABOVE WRITTEN INFORMATION [signature] (Authorized Signature) DATE 8-10-84

WASTE HAULER

I HEREBY CERTIFY THAT THE ABOVE-DESCRIBED WASTE AND QUANTITY HAS BEEN ACCEPTED IN PROPER CONDITION FOR TRANSPORT AND I ACKNOWLEDGE THE DESTINATION AS INDICATED

(1) Jeffrey L. Grote (Authorized Signature) DATE 8/10/84

(2) (Authorized Signature) DATE / /

DISPOSAL, STORAGE, OR TREATMENT FACILITY*

HAZARDOUS WASTE SUBJECT TO FEE YES ____ NO ____

I HEREBY CERTIFY THAT THE ABOVE-DESCRIBED WASTE AND INDICATED QUANTITY HAS BEEN ACCEPTED AT THE SITE SPECIFIED ABOVE

R. C. Gentry (Authorized Signature) Joanne Connelly DATE 08/11/84

COMMENTS OR SPECIAL INSTRUCTIONS

1028115

IN ILLINOIS 217 / 782-3637 *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* OUTSIDE ILLINOIS 800 / 424-8802 or 202 / 426-267

DISTRIBUTION PART - 1 GENERATOR PART - 2 IEPA PART - 3 SITE PART - 4 HAULER PART - 5 IEPA PART 6 - GENERATOR

REV # 4 **GENERATOR COPY — PART 1 - DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.**

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111½, Section 22. Disclosure of this information is required. Failure to do so may result in a civil penalty up to $10,000.00 and an additional civil penalty up to $1,000.00 and imprisonment up to one year. This form has been approved by the Forms Management Center.

STATE OF ILLINOIS

2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706 (217) 782-6761

IL532-0610

LPC 62 8/81

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) **EPA Form 8700-22 (3-84)** Form Approved. OMB No. 2000-0404. Expires 7-31

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD005130000 Manifest Document No. 13009

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address
J. L. CLARK MFG. - ATLAS TUBE DIV.
2300 WISCONSIN AVE DOWNERS GROVE ILL. 60515

4. Generator's Phone (312) 969-6400

A. Illinois Manifest Document Number IL 1196711

B. Illinois Generator's ID 0438030001

5. Transporter 1 Company Name: TECHNICAL PETROLEUM CO.

6. US EPA ID Number: ILD005441696

C. Illinois Tranporter's ID 0612

D. (312) 463-5200 Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. Illinois Transporter's ID

F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address
AMERICAN CHEMICAL SERVICE
420 S. COLFAX GRIFFITH IND. - 46319

10. US EPA ID Number: IND016360255

G. Illinois Facility's ID 9180890001

H. Facility's Phone 219 924-4370

GENERATOR

	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	SOLVENTS NOS FLAMMABLE LIQUIDS UN 1993	X	EX 5	DM	gals. 275	1	EPA HW Number F001 / Authorization Number
b.							EPA HW Number / Authorization Number
c.							EPA HW Number / Authorization Number
d.							EPA HW Number / Authorization Number

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations, and Illinois regulations.

Printed/Typed Name: JACK HYNES — Signature: x Jack Hynes — Date: Month 11 Day 28 Year 8

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: x JULIAN — Signature: x Julian — Date: Month 11 Day 28 Year 8

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

RECEIVED NOV 30 1984

FACILITY

19. Discrepancy Indication Space

J. L. CLARK, ATLAS TUBE DIV
DOWNERS GROVE, ILL.

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: FRANK JAMES PRICE — Signature: Frank James Price — Date: Month 11 Day 28 Year 8

IN ILLINOIS: 217 / 782-3637 ***24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS*** OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-267

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 FACILITY PART - 4 TRANSPORTER PART - 5 IEPA PART - 6 GENERATOR

REV. # 5 **GENERATOR COPY – PART 1- DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.**

This Agency is authorized to require, pursuant to Illinois Revised Statutes, 1983, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management

2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706 (217) 782-6761

IL532-0610

LPC 62 8/81

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) **EPA Form 8700-22 (3-84)** Form Approved. OMB No. 2000-0404. Expires 7-3

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD005130000 Manifest Document No. 13124

2. Page 1 of 1

Information in the shaded areas is n required by Federal law, but is require by Illinois law.

3. Generator's Name and Mailing Address
J.L. CLARK / ATLAS TUBE DIV. -
2300 WISCONSIN AVE. DOWNERS GROVE IL 60515

4. Generator's Phone (312) 969-2100

A. Illinois Manifest Document Number IL 1196714

B. Illinois Generator's ID 0438030000

5. Transporter 1 Company Name: TECHNICAL PETROLEUM CO.

6. US EPA ID Number: ILD005441696

C. Illinois Tranporter's ID 062

D. (312) 463-5200 Transporter's Phon

7. Transporter 2 Company Name

8. US EPA ID Number

E. Illinois Transporter's ID

F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address
AMERICAN CHEMICAL SER
420 S. COLFAX GRIFFITH IN. 46319

10. US EPA ID Number: IND016360265

G. Illinois Facility's ID 918089000

H. Facility's Phone (219) 924-4370

GENERATOR

	HM	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.	X	SOLVENTS NDS FLAMMABLE LIQUIDS UN 1993	5	DM	275	1	EPA HW Number F003 Authorization Numb
b.							EPA HW Number Authorization Numb
c.							EPA HW Number Authorization Numb
d.							EPA HW Number Authorization Numb

RECEIVED 18 1995

J. Additional Descriptions for Materials Listed Above J. L. CLARK, ATLAS TUBE DIV DOWNERS GROVE, ILL

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations, and Illinois regulations.

Printed/Typed Name: JACK HYNES — Signature: Jack Hynes — Date: Month 3 Day 12 Ye 8

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JULIAN — Signature: Julian — Date: Month 3 Day 12 Ye 8

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Ye

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: F DUNREE — Signature: F Dunree — Date: Month 3 Day 12 Ye 8

IN ILLINOIS: 217 / 782-3637 — 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS — OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-267

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 FACILITY PART - 4 TRANSPORTER PART - 5 IEPA PART - 6 GENERATOR

REV. # 5

GENERATOR COPY - PART 1- DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.

This Agency is authorized to require, pursuant to Illinois Revised Statutes, 1983, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706 (217) 782-6761

IL532-0610

LPC 62 8/81

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) **EPA Form 8700-22 (3-84)** Form Approved. OMB No. 2000-0404. Expires 7-3

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000 — Manifest Document No.: 3133

2. Page 1 of — Information in the shaded areas is r required by Federal law, but is requir by Illinois law.

3. Generator's Name and Mailing Address: J.L. CLARK MFG. - ATLAS TUBE DIV. 2300 WISCONSIN AVE. DOWNERS GROVE, IL. 60515

4. Generator's Phone (312) 969-6100

A. Illinois Manifest Document Number: IL 1196712

B. Illinois Generator's ID: 043803000

5. Transporter 1 Company Name: MOTOR OILS REFINING — 6. US EPA ID Number: ILT000646786

C. Illinois Tranporter's ID: 011

D. (312) 442-6166 Transporter's Phon

7. Transporter 2 Company Name — 8. US EPA ID Number:

E. Illinois Transporter's ID:

F. ( ) Transporter's Phon

9. Designated Facility Name and Site Address: MOTOR OILS REFINING 7601 W 47 ST. McCOOK, IL-60525 — 10. US EPA ID Number: ILT000646786

G. Illinois Facility's ID: 031174000

H. Facility's Phone: (312) 442-6166

	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	L Waste No.
a.	PETROLEUM OILS FLAMMABLE LIQUIDS UN 1270	X		TT	440	1	EPA HW Number / Authorization Numb 99833
b.							EPA HW Number / Authorization Numb
c.							EPA HW Number / Authorization Numb
d.							EPA HW Number / Authorization Numb

RECEIVED MAR 25 1985 J. L. CLARK, ATLAS TUBE DIV DOWNERS GROVE, ILL.

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations, and Illinois regulations.

Printed/Typed Name: JACK HYNES — Signature: x [signature] — Date: Month Day Ye. 3 18 8

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: x Bruce Mueller — Signature: x [signature] — Date: Month Day Ye. 3 18 8

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Ye.

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: JAYAN Williams — Signature: [signature] — Date: Month Day Yea 3 18 8

GENERATOR — TRANSPORTER — FACILITY

IN ILLINOIS: 217 / 782-3637 — *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* — OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-267

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 FACILITY PART - 4 TRANSPORTER PART - 5 IEPA PART - 6 GENERATOR

REV.# 5

GENERATOR COPY – PART 1- DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.

This Agency is authorized to require, pursuant to Illinois Revised Statutes, 1983, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management

2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706 (217) 782-6761

IL532-0610

LPC 62 8/81

Please print or type (Form designed for use on elite (12-pitch) typewriter.) **EPA Form 8700-22 (3-84)** Form Approved. OMB No. 2000-0404. Expires 7-3

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 1LD005130000 Manifest Document No. 3267

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address
J.L. CLARK / ATLAS TUBE DIV.
2300 WISCONSIN AVE. DOWNERS GROVE IL. 60515

4. Generator's Phone (312) 969-6100

A. Illinois Manifest Document Number: IL 1196715

B. Illinois Generator's ID: 0438030001

5. Transporter 1 Company Name: TECHNICAL PETROLEUM

6. US EPA ID Number: 1LD005441696

C. Illinois Tranporter's ID: 062

D. (312) 463-5200 Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. Illinois Transporter's ID

F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address
AMERICAN CHEMICAL SER.
420 S. COLFAX, GRIFFITH IN. 46319

10. US EPA ID Number: IND016360265

G. Illinois Facility's ID: 9180890000

H. Facility's Phone: (219) 924-4370

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	L Waste No.
a.	X	SOLVENTS - NOS - FLAMMABLE LIQUIDS - UN 1993	5	DM	275	1	EPA HW Number: F001 Authorization Number
b.							EPA HW Number Authorization Number
c.							EPA HW Number Authorization Number
d.							EPA HW Number Authorization Number

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

RECEIVED
JUL 22 1985
J. L. CLARK, ATLAS TUBE DIV
DOWNERS GROVE, ILL.

15. Special Handling Instructions and Additional Information

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 governmental regulations, and Illinois regulations.

Printed/Typed Name: JACK HYNES — Signature: Jack Hynes — Date: Month 7 Day 19 Year 8

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JULIAN — Signature: Julian — Date: Month 7 Day 19 Year 8

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name — Signature — Date: 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: GR MURPHY — Signature: [signature] — Date: Month 7 Day 19 Year 8

GENERATOR / TRANSPORTER / FACILITY

IN ILLINOIS: 217 / 782-3637 *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-267

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 FACILITY PART - 4 TRANSPORTER PART - 5 IEPA PART - 6 GENERATOR

REV.# 5 **GENERATOR COPY – PART 1- DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED**

This Agency is authorized to require, pursuant to Illinois Revised Statutes, 1983, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center

2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706 (217) 782-6761

IL532-0610

LPC 62 8/81

Please print or type (Form designed for use on elite (12-pitch) typewriter.) **EPA Form 8700-22 (3-84)** Form Approved. OMB No. 2000-0404. Expires 7-3

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD005130000 Manifest Document No. 3232

2. Page 1 of

Information in the shaded areas is r required by Federal law, but is requir by Illinois law.

3. Generator's Name and Mailing Address
J.L. CLARK / ATLAS TUBE DIV.
2300 WISCONSON AVE DOWNERS GROVE, ILL 60515

4. Generator's Phone (312) 969-6102

A. Illinois Manifest Document Number IL 1196716

B. Illinois Generator's ID 0438030010

5. Transporter 1 Company Name: MOTOR OILS REFINING

6. US EPA ID Number: ILT000646786

C. Illinois Tranporter's ID 0111

D. (312) 442-6166 Transporter's Phon

7. Transporter 2 Company Name

8. US EPA ID Number

E. Illinois Transporter's ID

F. ( ) Transporter's Phon

9. Designated Facility Name and Site Address
MOTOR OILS REFINING
7601 W 47 St. McCook, ILL 60525

10. US EPA ID Number: ILT000646786

G. Illinois Facility's ID 0311740000

H. Facility's Phone (312) 442-6166

GENERATOR

	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	PETROLEUM OILS, FLAMMABLE LIQUIDS UN1270	X		TT	300	1	EPA HW Number; Authorization Numb 919133
b.							EPA HW Number; Authorization Numb
c.							EPA HW Number; Authorization Numb
d.							EPA HW Number; Authorization Numb

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

RECEIVED

15. Special Handling Instructions and Additional Information

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 governmental regulations, and Illinois regulations.

Printed/Typed Name: JACK HYNES — Signature: Jack Hynes — Date (Month Day Year): 6 13 8

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Bruce Mueller — Signature: Bruce Mueller — Date (Month Day Year): 6 13 8

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name — Signature — Date (Month 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: OTHA McCOY — Signature: O. McCoy — Date (Month Day Year): 6 14 8

IN ILLINOIS: 217 / 782-3637 — 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS — OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-267

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 FACILITY PART - 4 TRANSPORTER PART - 5 IEPA PART - 6 GENERATOR

REV.# 5 GENERATOR COPY – PART 1- DO NOT REMOVE PART 4 FROM SET

This Agency is authorized to require, pursuant to Illinois Revised Statutes, 1983, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706 (217) 782-6761

IL532-0610
LPC 62 8/81

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) **EPA Form 8700-22 (3-84)** Form Approved. OMB No. 2000-0404. Expires 7-3

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD005130001 Manifest Document No. 3409
2. Page 1 of 1
Information in the shaded areas is n required by Federal law, but is require by Illinois law.

3. Generator's Name and Mailing Address
J.L. CLARK MFG./ATLAS TUBE DIV.
2300 WISCONSIN AVE. DOWNERS GROVE ILL.
4. Generator's Phone (312) 969-6100

A. Illinois Manifest Document Number IL 1196720
B. Illinois Generator's ID 0438030000

5. Transporter 1 Company Name LANDGREBE MOTOR TRANSIT
6. US EPA ID Number IND009842824
C. Illinois Tranporter's ID 1817
D. (219) 462-4181 Transporter's Phone

7. Transporter 2 Company Name
8. US EPA ID Number
E. Illinois Transporter's ID
F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address
AMERICAN CHEMICAL SERVICE
420 S. COLFAX GRIFFITH, IN. 46319
10. US EPA ID Number IND016360265
G. Illinois Facility's ID 9180890000
H. Facility's Phone (219) 924-4370

GENERATOR

	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a.	SOLVENTS-NOS FLAMMABLE LIQUIDS-UN1993	X	6	DM	330	1	EPA HW Number F003 Authorization Number
b.							EPA HW Number Authorization Number
c.							EPA HW Number Authorization Number
d.							EPA HW Number Authorization Number

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations, and Illinois regulations.

Printed/Typed Name: JACK HYNES Signature: Jack Hynes Date: Month 11 Day 19 Year 18

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Date: Month Day Year

18. Transporter 2 Acknowledgement or Receipt of Materials
Printed/Typed Name: DAN RITCHELL Signature: Dan Ritchell Date: Month 11 Day 19 Year 18

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: STEVE KULAVICK Signature: Steve Kulavick Date: Month 11 Day 20 Year 18

IN ILLINOIS: 217 / 782-3637 "24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS" OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-267

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 FACILITY PART - 4 TRANSPORTER PART - 5 IEPA PART - 6 GENERATOR

REV.# 5 **GENERATOR COPY – PART 1- DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.**

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TE OF WISCONSIN
4400-66 Rev. 7-85
r 144, Wis. Stats.

Mail Copies 1 & 3 to:

State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE

Please print or type. Form designed for use on elite (12-pitch) typewriter. SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: 3854
2. Page 1 of 1
Information in t... is not required b...

3. Generator's Name and Mailing Address
J.L. CLARK-ATLAS TUBE DIV.
2300 WISCONSIN AVE. DOWNERS GROVE, IL. 60515

4. Generator's Phone: 312 969-6100

A. State Manifest Document: WI 83783
B. State Generator's ID: IL04380300

5. Transporter 1 Company Name: INDIAN HEAD TRUCKLINE INC.
6. US EPA ID Number: MND006963318
C. State Transporter's ID:
D. Transporter's Phone: 612

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
AVGANIC IND. INC.
114 NORTH MAIN ST.
COTTAGE GROVE, WI. 53527

10. US EPA ID Number: WID000808824
G. State Facility's ID: 02781
H. Facility's Phone: 608-257-1...

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. SOLVENTS - NOS. FLAMMABLE LIQUIDS - UN1993	6	DM	330	G
b.				
c.				
d.				

J. Additional Descriptions for Materials Listed Above
AUTHORIZATION NUMBER 6855-R5594-66

K. Handling Codes for Waste

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. Unless I am a small quantity generator who has been exempted by statute or regulation for the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also 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 I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Printed/Typed Name & Position Title: JACK HYNES - SHIPPING CLERK
Signature: Jack Hynes
M...

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: Philip C. MARQUIS
Signature: Phil Marquis
M...

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title:
Signature:
M...

19. Discrepancy Indication Space

RECEIVED
NOV -7 1986
NRA-DLPC

20. FACILITY OWNER OR OPERATOR: Certification of receipt of hazardous materials covered by this manifest except as n... Item 19.

Printed/Typed Name & Position Title:
Signature:
M...

GENERATOR

TRANSPORTER

FACILITY

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608-266-3232)
Outside Wisconsin (800-424-8802)

Copy Distribution: 1 — BSWM 4 — F...
2 — Generator 5 — G...
3 — BSWM 6 — T...

COPY 1

BSWM Copies 1 & 3 mail to Wis. DNR

STATE OF WISCONSIN
Form 4400-66 Rev. 7-85
Chapter 144, Wis. Stats.

Mail Copies 1 & 3 To: State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter. SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD005130000
Manifest Document No. 3854
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
J.L. CLARK-ATLAS TUBE DIV.
2300 WISCONSIN AVE. DOWNERSGROVE, IL. 60515
4. Generator's Phone 312 969-6100

A. State Manifest Document Number WI 83783
B. State Generator's ID 1L0438030002

5. Transporter 1 Company Name INDIANA TRUCKLINE INC.
6. US EPA ID Number MND069633118
C. State Transporter's ID 12388
D. Transporter's Phone 612-633-2262

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
AVGANIC IND. INC.
114 NORTH MAIN ST.
COTTAGE GROVE, WI. 53527
10. US EPA ID Number WID000808824
G. State Facility's ID 02781
H. Facility's Phone 608-257-1414

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. SOLVENTS - NOS. FLAMMABLE LIQUIDS - UN1993	6	DM	330	G	F003
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
AUTHORIZATION NUMBER 6855-R5594 66

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. Unless I am a small quantity generator who has been exempted by statute or regulation for the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also 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 I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Printed/Typed Name & Position Title: JACK HYNES - SHIPPING CLERK
Signature: Jack Hynes
Date (Month Day Year): 10 23 86

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: Philip C. MARQUIS
Signature: Philip Marquis
Date (Month Day Year): 10 23 86

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title:
Signature:
Date (Month Day Year):

FACILITY

19. Discrepancy Indication Space

RECEIVED NOV -7 1986 DLPC

20. FACILITY OWNER OR OPERATOR: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name & Position Title:
Signature:
Date (Month Day Year):

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608-266-3232)
Outside Wisconsin (800-424-8802)

Copy Distribution: 1 — BSWM 4 — Facility
2 — Generator 5 — Generator
3 — BSWM 6 — Transporter
BSWM Copies 1 & 3 mail to Wis. DNR at above address.

COPY 1

STATE OF WISCONSIN
Form 4400-66 Rev. 7-85
Chapter 144, Wis. Stats.

Mail Copies 1 & 3 To: State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter. SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD005130000
Manifest Document No. 83780
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
J. L. Clark/Atlas Tube Division
2300 Wisconsin Ave. Downers Grove, IL 60515
4. Generator's Phone (312) 969-6100

A. State Manifest Document Number: WI 83780
B. State Generator's ID: IL 0438030002

5. Transporter 1 Company Name: Thrift Trucking, Elmhurst, IL
6. US EPA ID Number: ILD007867906
C. State Transporter's ID: 1358
D. Transporter's Phone: 312-563-1999

7. Transporter 2 Company Name: AVGANIC IND
8. US EPA ID Number: WID008088224
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address
AvganickIndustries Inc.
114 North Main Street
Cottage Grove, Wisconsin 53527
10. US EPA ID Number: WID008088224
G. State Facility's ID: 02781
H. Facility's Phone: (608) 257-1414

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. SOLVENTS - NOS FLAMMABLE LIQUIDS UN 1993	6	DM	330	G	F003
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
K. Handling Codes for Wastes Listed Above

RECEIVED
JUL 25 1986
J. L. CLARK, ATLAS TUBE DIV
DOWNERS GROVE

15. Special Handling Instructions and Additional Information
Authorization Number B-6855-R4458-66

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. Unless I am a small quantity generator who has been exempted by statute or regulation for the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also 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 I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment.

GENERATOR

Printed/Typed Name & Position Title: Jack Hynes/Shipping Clerk
Signature: [signature]
Date (Month Day Year): 7 10 86

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: ANDRES SOLANO
Signature: [signature]
Date (Month Day Year): 7 10 86

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: MIKE SWADER
Signature: [signature]
Date (Month Day Year): 7 16 86

FACILITY

19. Discrepancy Indication Space: ITEM 7,8

CORRECTION(S) MADE
THIS COPY CORRECT
PLEASE CORRECT GENERATOR COPY

20. FACILITY OWNER OR OPERATOR: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name & Position Title: TERRY REYNOLDS
Signature: [signature]
Date (Month Day Year): 7 16 86

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608-266-3232)
Outside Wisconsin (800-424-8802)

Copy Distribution: 1 — BSWM 4 — Facility
2 — Generator 5 — Generator
3 — BSWM 6 — Transporter

STATE OF WISCONSIN
Form 4400-66 Rev. 7-85
Chapter 144, Wis. Stats.

Mail Copies 1 & 3 To: State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter. SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: 39011
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
J.L. CLARK - ATLAS TUBE DIV.
2300 WISCONSIN AVE DOWNERS GROVE, IL 60515

A. State Manifest Document Number: WI 83784

4. Generator's Phone (312) 9696100

B. State Generator's ID: IL0438030002

5. Transporter 1 Company Name: INDIANHEAD TRUCK LINE INC
6. US EPA ID Number: MND006963318
C. State Transporter's ID: 1250
D. Transporter's Phone: 612-633-2261

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
AVGANIC IND. INC.
114 NORTH MAIN ST
COTTAGE GROVE, WI 53527
10. US EPA ID Number: WID000808824
G. State Facility's ID: 02781
H. Facility's Phone: 608-257-1414

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. SOLVENTS - NOS FLAMMABLE LIQUIDS - UN1263	6	DM	330	G	F003
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
AUTHORIZATION NUMBER - 6955-R6012-66

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. Unless I am a small quantity generator who has been exempted by statute or regulation for the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also 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 I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment.

GENERATOR

Printed/Typed Name & Position Title: JACK HYNES - SHIPPING CLERK
Signature: Jack Hynes
Date (Month Day Year): 11 21 1986

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: Larry Wilkinson
Signature: Larry Wilkinson
Date (Month Day Year): 11 21 86

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title
Signature
Date (Month 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 & Position Title
Signature
Date (Month Day Year)

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608-266-3232)
Outside Wisconsin (800-424-8802)

Copy Distribution: 1 — BSWM 4 — Facility
2 — Generator 5 — Generator
3 — BSWM 6 — Transporter

STATE OF WISCONSIN
Form 4400-66 Rev. 7-85
Chapter 144, Wis. Stats.

Mail Copies 1 & 3 To: State of Wisconsin, Department of Natural Resources, Bureau of Solid Waste Mgt., Box 8094, Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter. SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

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.

3. Generator's Name and Mailing Address

4. Generator's Phone

A. State Manifest Document Number: WI 83783

B. State Generator's ID: IL 0438103 0002

5. Transporter 1 Company Name: HEAD TRANSPORTATION INC

6. US EPA ID Number

C. State Transporter's ID: 11348

D. Transporter's Phone

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: AVSHAN DD. INC. 1000 NORTH MAIN ST. STATE CROSS WI. 54

10. US EPA ID Number: WID 000 604 014

G. State Facility's ID: 02-781

H. Facility's Phone: 608-259-1414

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. SOLVENTS - NOS UN1263 FLAMMABLE LIQUID - HAZARD	16	DM	0006		F001 F003
b.					
c.					
d.					

RECEIVED OCT 31 1986 J. L. CLARK, ATLAS TUBE DIV DOWNERS GROVE, ILL.

J. Additional Descriptions for Materials Listed Above: 66 AUTHORIZATION NUMBER 6855-R5594-

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. Unless I am a small quantity generator who has been exempted by statute or regulation for the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also 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 I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment.

GENERATOR — Printed/Typed Name & Position Title: JACK [illegible] — Signature: [illegible] — Date (Month Day Year): 10 23 86

TRANSPORTER — 17. TRANSPORTER 1 Acknowledgement of Receipt of Materials — Printed/Typed Name & Position Title: Philip C. MARQUIS — Signature: [illegible] — Date (Month Day Year): 10 23 86

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials — Printed/Typed Name & Position Title — Signature — Date (Month Day Year)

FACILITY — 19. Discrepancy Indication Space: CORRECTION(S) MADE THIS COPY CORRECT PLEASE CORRECT GENERATOR COPY — ITEM 11a

20. FACILITY OWNER OR OPERATOR: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name & Position Title: Jeffrey W. Wallmark — Signature: [illegible] — Date (Month Day Year): 10 24 86

24 Hour Assistance Telephone Number (608-266-3232)

Copy Distribution: 1 — BSWM 2 — Generator 4 — Facility 5 — Generator

STATE OF ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY · DIVISION OF LAND POLLUTION CONTROL

2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706 (217) 782-6761

IL532-0610

LPC 62 8/81

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) **EPA Form 8700-22 (3-84)** Form Approved. OMB No. 2000-0404. Expires 7-31-86

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD005130000 Manifest Document No. 013496

2. Page 1 of

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address
J.L. CLARK / ATLAS TUBE DIV.
2300 WISCONSIN AVE. DOWNERS GROVE IL. 60515

4. Generator's Phone (312) 969-6100

A. Illinois Manifest Document Number IL 1196717

B. Illinois Generator's ID 0438030002

5. Transporter 1 Company Name: MOTOR OILS REFINING

6. US EPA ID Number: ILT000646786

C. Illinois Tranporter's ID 011113

D. (312) 442-6166 Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. Illinois Transporter's ID

F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address
MOTOR OILS REFINING
7601 W 47 ST. McCOOK IL. 60525

10. US EPA ID Number: ILT000646786

G. Illinois Facility's ID 0311740002

H. Facility's Phone (312) 442-6166

GENERATOR

	HM	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.	X	PETROLEUM OILS FLAMMABLE LIQUIDS UN1270		TT	400	1	EPA HW Number / Authorization Number 998333
b.							EPA HW Number / Authorization Number
c.							EPA HW Number / Authorization Number
d.							EPA HW Number / Authorization Number

RECEIVED FEB 26 1986 J. L. CLARK, ATLAS TUBE DIV. DOWNERS GROVE, ILL.

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations, and Illinois regulations.

Printed/Typed Name: JACK HYNES — Signature: Jack Hynes — Date (Month Day Year): 2 12 86

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Bruce Mueller — Signature: Bruce Mueller — Date (Month Day Year): 2 12 86

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name — Signature — Date (Month 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: R. GENTRY — Signature: R. Gentry — Date (Month Day Year): 02 13 86

IN ILLINOIS: 217 / 782-3637 *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-2675

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 FACILITY PART - 4 TRANSPORTER PART - 5 IEPA PART - 6 GENERATOR

REV.# 5

GENERATOR COPY – PART 1- DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.

This Agency is authorized to require, pursuant to Illinois Revised Statutes, 1983, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

STATE OF ILLINOIS ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706 (217) 782-6761

IL532-0610
LPC 62 8/81

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (3-84) Form Approved. OMB No. 2000-0404. Expires 7-31-86

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD005130001 Manifest Document No. 3997

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address
J.L. CLARK MFG./ATLAS TUBE DIV.
2300 WISCONSIN AVE. DOWNERS GROVE, IL.

4. Generator's Phone (312) 969-6100

A. [illegible]

B. Illinois Generator's ID 0438030002

5. Transporter 1 Company Name LANDGREBE MOTOR TRANSIT

6. US EPA ID Number IND009842824

C. Illinois Transporter's ID 1875

D. (219) 462-4181 Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. Illinois Transporter's ID

F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address
AMERICAN CHEMICAL SERVICE
420 S. COLFAX GRIFFITH, IN. 46319

10. US EPA ID Number IND016360265

G. Illinois Facility's ID 9180890002

H. Facility's Phone (219) 924-4370

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	X	SOLVENTS-NOS. UN 1993 FLAMMABLE LIQUIDS	5	DM	275	1	EPA HW Number F003 Authorization Number
b.							EPA HW Number Authorization Number
c.							EPA HW Number Authorization Number
d.							EPA HW Number Authorization Number

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

RECEIVED FEB 18 1986 J. L. CLARK, ATLAS TUBE DIV DOWNERS GROVE, ILL.

15. Special Handling Instructions and Additional Information

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 governmental regulations, and Illinois regulations.

Printed/Typed Name JACK HYNES. Signature [signature] Date Month Day Year 2 12 86

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name F.W. Schlundt Signature F.W. Schlundt Date Month Day Year 2 12 86

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name Signature Date 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 FDUNFEE Signature [signature] Date Month Day Year 2 13 86

GENERATOR

TRANSPORTER

FACILITY

IN ILLINOIS: 217 / 782-3637 *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-2675

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 FACILITY PART - 4 TRANSPORTER PART - 5 IEPA PART - 6 GENERATOR

REV.# 5 GENERATOR COPY – PART 1- DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.

This Agency is authorized to require, pursuant to Illinois Revised Statutes, 1983, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center

STATE OF ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY · DIVISION OF LAND POLLUTION CONTROL

2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706 (217) 782-6761

IL532-0610

LPC 62 8/81

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) **EPA Form 8700-22 (3-84)** Form Approved. OMB No. 2000-0404. Expires 7-31-86

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD005130001 Manifest Document No. 3752

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address
J.L. CLARK / ATLAS TUBE DIV.
2300 WISCONSIN AVE. DOWNERS GROVE, IL. 60515

4. Generator's Phone (312) 969-6100

A. Illinois Manifest Document Number IL 1162827

B. Illinois Generator's ID 0438030002

5. Transporter 1 Company Name: MOTOR OILS REFINING

6. US EPA ID Number: ILT000646786

C. Illinois Tranporter's ID 0111 3

D. Transporter's Phone (312) 442-6166

7. Transporter 2 Company Name

8. US EPA ID Number

E. Illinois Transporter's ID

F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address
MOTOR OILS REFINING
7601 W 47 ST. MC COOK IL. 60525

10. US EPA ID Number: ILT000646786

G. Illinois Facility's ID 0311740002

H. Facility's Phone (312) 442-6166

GENERATOR

	HM	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.	X	PETROLEUM OILS FLAMMABLE LIQUIDS UN1270		TT	X440X	1	EPA HW Number / Authorization Number 000049
b.							EPA HW Number / Authorization Number
c.							EPA HW Number / Authorization Number
d.							EPA HW Number / Authorization Number

RECEIVED AUG 29 1986 J. L. CLARK, ATLAS TUBE DIV DOWNERS GROVE, ILL.

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations, and Illinois regulations.

Printed/Typed Name: JACK HYNES — Signature: Jack Hynes — Date: Month 8 Day 15 Year 86

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: BRIAN E. ROEH — Signature: Brian E. Roeh — Date: Month 8 Day 15 Year 86

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name — Signature — Date: Month 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: R.E. BOLISENA — Signature: R.E. Bolisena — Date: Month 8 Day 15 Year 86

IN ILLINOIS: 217 / 782-3637 *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-2675

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 FACILITY PART - 4 TRANSPORTER PART - 5 IEPA PART - 6 GENERATOR

REV. # 5 GENERATOR COPY - PART 1- DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED

This Agency is authorized to require, pursuant to Illinois Revised Statutes, 1983, Chapter 111½, Section 21, that this information be submitted to the Agency. Failure to provide the information may result in civil or criminal sanctions. Owner/Operator

J. L. CLARK Manufacturing Co.

DATE: March 28, 1988

TO: Gordon VerWeyst

BY: Dean Dodson

COPIES TO: Richard A. Anderson

REFERENCE: J. L. Clark - Packaging Products Group
Atlas Tube Division

SUBJECT: Section 313, Community Right To Know

F-100

Enclosed is a portion of the items you requested in your memorandum of March 15, 1988, regarding Section 313 of the Community Right To Know Law.

The items enclosed are:

Copies of all Uniform Hazardous Waste Manifests for shipments of waste solvent from our division in 1987. Total of six manifests.

Uniform Hazardous Waste Manifests for transportation of waste oil in 1987. Total of six manifests.

We have included a summary sheet for both of the above items.

Also enclosed is a summary sheet of all aluminum scrap shipped in 1987. Included on that sheet is information regarding the disposal of metal scrap from our machine shop as well as lead dross which is accumulated from our remelt pot.

There is also an estimate of non-hazardous waste, which is a total of all refuse removed from our plant in 1987.

We are presently in the process of reviewing all existing Material Safety Data Sheets in our file and obtaining MSDS sheets for all products that are listed.

We estimate that this will be completed by April 23, 1988.

Also enclosed for your review, is a list of all MSDS sheets which are presently included in our Hazard Communication Program.

If you have any questions regarding any of the materials, please let me know.

DED:as
Enc.

STATE OF WISCONSIN
Form 4400-66 Rev. 7-85
Chapter 144, Wis. Stats.

Mail Copies 1 & 3 To: State of Wisconsin, Department of Natural Resources, Bureau of Solid Waste Mgt., Box 8094, Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter. SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: 3976
2. Page 1 of
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
J.L. CLARK - ATLASTUBE DIV.
2300 WISCONSIN AVE DOWNERS GROVE IL. 60515
4. Generator's Phone (312) 969-6100

A. State Manifest Document Number: WI 107528
B. State Generator's ID: IL0438030002
C. State Transporter's ID: 2466
D. Transporter's Phone: 608-257-1444

5. Transporter 1 Company Name: AVGANIC IND.
6. US EPA ID Number: WID000808824
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
AVGANIC IND. INC.
114 NORTH MAIN ST.
COTTAGE GROVE, WI-53527
10. US EPA ID Number: WID000808824
G. State Facility's ID: 622781
H. Facility's Phone: 608-257-1444

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. SOLVENTS-NOS-FLAMMABLE LIQUIDS-UN1263	5	DM	225	G	F003
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above: AUTHORIZATION NUMBER: 6855R-6618-66
K. Handling Codes for Wastes Listed Above: I

15. Special Handling Instructions and Additional Information
A

GENERATOR

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. Unless I am a small quantity generator who has been exempted by statute or regulation for the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also 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 I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Printed/Typed Name & Position Title: JACK HYNES SHIPPING CLERK
Signature: Jack Hynes
Date (Month Day Year): 1 2 1 8 7

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: MIKE SWADER TRUCK DRIVER
Signature: Mike Swader
Date (Month Day Year): 1 2 1 8 7

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title:
Signature:
Date (Month 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 & Position Title:
Signature:
Date (Month Day Year):

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608-266-3232)
Outside Wisconsin (800-424-8802)

Copy Distribution: 1 — BSWM 4 — Facility
2 — Generator 5 — Generator
3 — BSWM 6 — Transporter

STATE OF WISCONSIN
Form 4400-66 Rev. 7-85
Chapter 144, Wis. Stats.

Mail Copies 1 & 3 To: State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter. SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: [illegible]
Manifest Document No.: [illegible]
2. Page 1 of
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
J.L. CLARK-ATLAST TUBE DIV.
2200 WISCONSIN AVE. DOWNER GROVE IL. [illegible]
4. Generator's Phone (312) 969-4100

A. State Manifest Document Number: WI 107527
B. State Generator's ID: IL 04380300002
C. State Transporter's ID: 20166
D. Transporter's Phone: 608-257-1414
E. State Transporter's ID:
F. Transporter's Phone:
G. State Facility's ID: 02781
H. Facility's Phone: 608-257-1414

5. Transporter 1 Company Name: AVGANIC IND.
6. US EPA ID Number: WID000808824
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: AVGANIC IND. INC. 114 NORTH MAIN ST. COTTAGE GROVE, WI. 53527
10. US EPA ID Number: WID000808824

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. SOLVENTS-NOS. FLAMMABLE LIQUIDS - UN1263	5	DM	215	G	[illegible]
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above: AUTHORIZATION NUMBER - 6855-R-1306-66

K. Handling Codes for Wastes Listed Above:

RECEIVED
MAR 19 1987
J.L. CLARK ATLAS TUBE DIV.
DOWNER GROVE, ILL.

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. Unless I am a small quantity generator who has been exempted by statute or regulation for the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also 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 I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Printed/Typed Name & Position Title: JACK HINES - SHIPPING CLERK
Signature: [signature]
Date: Month Day Year: 3 12 87

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: MIKE [illegible] TRUCK [illegible]
Signature: [signature]
Date: Month Day Year: 3 12 87

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title:
Signature:
Date: 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 & Position Title: TERRY REYNOLDS
Signature: Terry Reynolds
Date: Month Day Year: 3 12 87

GENERATOR / TRANSPORTER / FACILITY

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608-266-3232)
Outside Wisconsin (800-424-8802)

Copy Distribution: 1 — BSWM 4 — Facility
2 — Generator 5 — Generator
3 — BSWM 6 — Transporter

STATE OF WISCONSIN
Form 4700-22 Rev. 7-85
Chapter 144, Wis. Stats.

Mail Copies 1 & 3 To: State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter. SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: 4213
2. Page 1 of

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
J.L. CLARK - ATLASTUBE DIV.
2300 WISCONSIN AVE. DOWNERS GROVE, IL, 60515

A. State Manifest Document Number: WI 107530

4. Generator's Phone (312) 969-4108

B. State Generator's ID: IL 0438030002

5. Transporter 1 Company Name: INDIAN HEAD TRUCKLINE
6. US EPA ID Number: MND069633118

C. State Transporter's ID: 12588

D. Transporter's Phone: 612-633-2662

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
AVGANIC IND. INC.
114 NORTH MAIN ST.
COTTAGE GROVE, WI. 53527
10. US EPA ID Number: WID008088246

G. State Facility's ID: 02781

H. Facility's Phone: 608-257-1414

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. SOLVENTS -NOS- FLAMMABLE LIQUIDS-UN1263	6	DM	330	G	F003
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
AUTHORIZATION NUMBER 6855-R-8273-66

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. Unless I am a small quantity generator who has been exempted by statute or regulation for the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also 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 I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment.

GENERATOR

Printed/Typed Name & Position Title: JACK HYNES - SHIPPING CLERK
Signature: Jack Hynes
Date (Month Day Year): 06 05 87

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: Philip C. MARQUIS
Signature: Philip C Marquis
Date (Month Day Year): 06 05 87

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title:
Signature:
Date (Month 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 & Position Title:
Signature:
Date (Month Day Year):

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608-266-3232)
Outside Wisconsin (800-424-8802)

Copy Distribution: 1 — BSWM 4 — Facility
2 — Generator 5 — Generator
3 — BSWM 6 — Transporter

STATE OF WISCONSIN
Form 4400-66 Rev. 7-85
Chapter 144, Wis. Stats.

Mail Copies 1 & [illegible]

Please print or type. Form designed for use on elite (12-pitch) typewriter. SEE INSTRUCTIONS ON REVERSE SIDE OF COPY

Because this is a six part form, extreme pressure must be applied when filling out. Type written forms ensure copy six can be read. Please type whenever possible.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US E. ILD005

3. Generator's Name and Mailing Address
J.K. Clark Manufacturing Co.
2305 S. 6th St.
Milwaukee, Wi. 53110

4. Generator's Phone ( )

H. State Generator's ID: IL 93.0302002

5. Transporter 1 Company Name

6. US EPA ID Number WID 000808824

G. State Transporter's ID: 7866

D. Transporter's Phone: 262-[illegible]

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
Auchemic Industries Inc.
114 N Main St.
Oconomowoc, Wi. 53066

10. US EPA ID Number WID000808824

G. State Facility's ID: 0238

H. Facility's Phone: 608-567-[illegible]

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. Solvents - NOS - Flammable Liquid UN1993	5	DM	275	G	F003
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
Authorization # 6855-R911A-66

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. Unless I am a small quantity generator who has been exempted by statute or regulation for the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also 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 I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment.

GENERATOR

Printed/Typed Name & Position Title	Signature	Date (Month Day Year)
Wisconsin Trucking - Shipping Clerk	[illegible]	

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (Month Day Year)
Mike Swaser Truck Driver	Mike Swaser	080587

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space
correction Item 13

20. FACILITY OWNER OR OPERATOR: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name & Position Title	Signature	Date (Month Day Year)
JERRY REYNOLDS	Jerry Reynolds	8 05 87

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608-266-3232)
Outside Wisconsin (800-424-8802)

Copy Distribution: 1 — BSWM 4 — Facility
2 — Generator 5 — Generator
3 — BSWM 6 — Transporter

STATE OF WISCONSIN
Form 4400-66 Rev. 7-85
Chapter 144, Wis. Stats.

Mail Copies 1 & 3 To: State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter. SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: AA07
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
J.L. CLARK - ATLAS TUBE
2300 WISCONSIN AVE. DOWNERS GROVE, IL 60515

4. Generator's Phone (312) 969-6100

A. State Manifest Document Number: WI 107528
B. State Generator's ID: ILD432030002
C. State Transporter's ID: [redacted]9066
D. Transporter's Phone: (612) 633-2261
E. State Transporter's ID:
F. Transporter's Phone:
G. State Facility's ID:
H. Facility's Phone: 608-257-1414

5. Transporter 1 Company Name: AVGANIC IND
6. US EPA ID Number: WI0000808824
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address
AVGANIC IND. INC.
114 NORTH MAIN ST.
COTTAGE GROVE, WI. 53527
10. US EPA ID Number: WID008088824

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. SOLVENTS - NOS FLAMMABLE LIQUIDS - UN1263	7	DM	375	G	F003
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
AUTHORIZATION #6855 R 9852-66

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. Unless I am a small quantity generator who has been exempted by statute or regulation for the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also 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 I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment.

GENERATOR

Printed/Typed Name & Position Title: WILLIAM PRUYNE - SHIPPING
Signature: [signature]
Date: Month 10 Day 07 Year 87

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: MIKE SWADER TRUCK DRIVER
Signature: Mike Swader
Date: Month 10 Day 07 Year 87

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title:
Signature:
Date: Month 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 & Position Title:
Signature:
Date: Month Day Year

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608-266-3232)
Outside Wisconsin (800-424-8802)

Copy Distribution: 1 — BSWM 4 — Facility
2 — Generator 5 — Generator
3 — BSWM 6 — Transporter

COPY 1 BSWM Copies 1 & 3 mail to Wis. DNR at above address

STATE OF WISCONSIN
Form 4400-66 Rev. 7-85
Chapter ~~Trans. Wis. State~~

Mail Copies 1 & 3 To: State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter. SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130006
Manifest Document No.: 45000
2. Page 1 of
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
J.L. CLARK / ATLAS TUBE DIV.
2300 WISCONSIN AVE. DOWNERS GROVE, ILL 60515
4. Generator's Phone (312) 969-6100

A. State Manifest Document Number: WI 130651
B. State Generator's ID: IL0438030002
C. State Transporter's ID: 2066
D. Transporter's Phone: 608-257-1414
E. State Transporter's ID:
F. Transporter's Phone:
G. State Facility's ID: 02781
H. Facility's Phone: 608-257-1414

5. Transporter 1 Company Name: AVGANIC IND.
6. US EPA ID Number: WILD000808824
7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
AVGANIC IND. INC.
114 N. MAIN ST. 53527.
COTTAGE GROVE WI.
10. US EPA ID Number: WILD000808824

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. SOLVENTS-NOS. FLAMMABLE LIQUIDS-UN1263	5	DM	275	G	F003
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above: AUTHORIZATION-6855-R.10701-66
K. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. Unless I am a small quantity generator who has been exempted by statute or regulation for the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also 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 I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment.

GENERATOR

Printed/Typed Name & Position Title	Signature	Date (Month Day Year)
JACK HYNES SHIPPING CLERK	Jack Hynes	12 2 87

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (Month Day Year)
MIKE SWADER TRUCK DRIVER	Mike Swader	12 02 87

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (Month Day Year)

TRANSPORTER

19. Discrepancy Indication Space

FACILITY

20. FACILITY OWNER OR OPERATOR: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name & Position Title	Signature	Date (Month Day Year)

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608-266-3232)
Outside Wisconsin (800-424-8802)

Copy Distribution: 1 — BSWM 4 — Facility
2 — Generator 5 — Generator
3 — BSWM 6 — Transporter

STATE OF ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY · DIVISION OF LAND POLLUTION CONTROL

2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706 (217) 782-6761

IL532-0610

LPC 62 8/81

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD005130000 Manifest Document No. 14052

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address
J.L. CLARK MFG./ATLASTUBE DIV.
2300 WISCONSIN AVE. DOWNERS GROVE, IL. 60515

4. Generator's Phone (312) 969-6100

5. Transporter 1 Company Name: MOTOR OILS REFINING

6. US EPA ID Number: ILT000646786

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
MOTOR OILS REFINING
7601 W 47 ST. McCOOK, IL. 60525

10. US EPA ID Number: ILT000646786

CLARK, ATLAS TUBE DIV. DOWNERS GROVE, ILL.

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a.	X	PETROLEUM OILS FLAMMABLE LIQUIDS UN1270		TT	450	1
b.						
c.						
d.						

15. Special Handling Instructions and Additional Information

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 governmental regulations, and Illinois regulations.

Printed/Typed Name: JACK HYNES — Signature: Jack Hynes — Date: Month 3 Day 2 Year 1987

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Bruce Mueller — Signature: Bruce Mueller — Date: Month 3 Day 2 Year 87

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

RECEIVED

19. Discrepancy Indication Space

IEPA-DLPC

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: FRANK M RYBA — Signature: Frank M Ryba — Date: Month 03 Day 02 Year 87

GENERATOR

TRANSPORTER

FACILITY

IN ILLINOIS: 217 / 782-3637 "24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS" OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-2675

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 FACILITY PART - 4 TRANSPORTER PART - 5 IEPA PART - 6 GENERATOR

REV.# 5 GENERATOR COPY – PART 1- DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.

This Agency is authorized to require, pursuant to Illinois Revised Statutes, 1983, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management

STATE OF ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706 (217) 782-6761

IL532-0610

LPC 62 8/81

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD005130000 Manifest Document No. 4229

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address
J.L CLARK-ATLASTUBE DIV.
2300 WISCONSIN AVE. DOWNERS GROVE, IL. 60515

4. Generator's Phone (312) 969-6100

A. Illinois Manifest Document Number IL 1120451

B. Illinois Generator's ID 0438030002

5. Transporter 1 Company Name MOTOR OILS REFINING

6. US EPA ID Number ILT000646786

C. Illinois Tranporter's ID 0111

D. (312) 442-6166 Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. Illinois Transporter's ID

F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address
MOTOR OILS REFINING
7601 W 47 ST. McCOOK IL. 60525

10. US EPA ID Number ILT000646786

G. Illinois Facility's ID 0311740002

H. Facility's Phone (312) 442-6166

	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a.	PETROLEUM OILS FLAMMABLE LIQUIDS UN1270	X	1	TT	450	1	EPA HW Number / Authorization Number 000049
b.							EPA HW Number / Authorization Number
c.							
d.							

RECEIVED JUN 24 1987 J. L. CLARK, ATLAS TUBE DIV DOWNERS GROVE, ILL.

[redacted]

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations, and Illinois regulations.

Printed/Typed Name: JACK HYNES Signature: Jack Hynes Date: Month 06 Day 19 Year 87

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Steven Mayer Signature: Steven Mayer Date: Month 06 Day 19 Year 87

18. Transporter 2 Acknowledgement or Receipt of Materials

Printed/Typed Name Signature Date: 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: STAN KRSEK Signature: Stan Krsek Date: Month 06 Day 19 Year 87

GENERATOR / TRANSPORTER / FACILITY

IN ILLINOIS: 217 / 782-3637 *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-2675

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 FACILITY PART - 4 TRANSPORTER PART - 5 IEPA PART - 6 GENERATOR

REV.# 5 GENERATOR COPY – PART 1- DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.

This Agency is authorized to require, pursuant to Illinois Revised Statutes, 1983, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management

STATE OF ILLINOIS ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706 (217) 782-6761

IL532-0610 4571

LPC 62 8/81

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (3-84) Form Approved. OMB No. 2000-0404. Expires 7-31-86

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD005130000 Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address
J. L. CLARK MFG./ATLAS TUBE DIV.
2300 WISCONSIN AVE. DOWNERS GROVE, IL. 60515

4. Generator's Phone (312) 969-6100

5. Transporter 1 Company Name: MOTOR OILS REFINING
6. US EPA ID Number: ILT000646786

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
MOTOR OILS REFINING
7601 W. 47th. McCook IL. 60525
10. US EPA ID Number: ILT000646786

A. Illinois Manifest Document Number: [illegible]20452
B. [illegible]
C. Illinois Transporter's ID: [illegible]
D. [illegible] Transporter's Phone: [illegible]
E. Illinois Transporter's ID: [illegible]
F. [illegible]6165 Transporter's Phone: [illegible]
G. [illegible]
H. [illegible]

	HM	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a.	X	PETROLEUM OILS FLAMMABLE LIQUIDS UN1270		TT	00485	GAL
b.						
c.						
d.						

RECEIVED AUG 27 1987 J. L. CLARK, ATLAS TUBE DIV. DOWNERS GROVE

J. Additional Descriptions for Materials Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations, and Illinois regulations.

Printed/Typed Name: BILL PRUYNE Signature: Bill Pruyne Date: Month Day Year 08 24 87

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: BRUCE Mueller Signature: Bruce Mueller Date: Month Day Year 08 24 87

18. Transporter 2 Acknowledgement or Receipt of Materials
Printed/Typed Name: Signature: Date: 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: STAN KRSEK Signature: Stan Krsek Date: Month Day Year 08 26 87

GENERATOR

TRANSPORTER

FACILITY

IN ILLINOIS: 217 / 782-3637 *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-2675

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 FACILITY PART - 4 TRANSPORTER PART - 5 IEPA PART - 6 GENERATOR

REV # 5 GENERATOR COPY – PART 1- DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.

This Agency is authorized to require, pursuant to Illinois Revised Statutes, 1983, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706 (217) 782-6761

IL532-0610 3/86
LPC 62 8/81

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) **EPA Form 8700-22 (3-84)** Form Approved. OMB No. 2000-0404. Expires 7-31-86

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000 | Manifest Document No.

2. Page 1 of

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address
J.L. CLARK MFG./ATLAS TUBE DIV.
2300 WISCONSIN AVE - DOWNERS GROVE, IL 60515

4. Generator's Phone ( )

A. Illinois Manifest Document Number: IL 1120453

B. Illinois Generator's ID: 0438030002

5. Transporter 1 Company Name: MOTOR OILS REFINING

6. US EPA ID Number: ILT000646786

C. Illinois Transporter's ID: 0113

D. Transporter's Phone: (312) 442-6166

7. Transporter 2 Company Name

8. US EPA ID Number

E. Illinois Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
MOTOR OILS REFINING
7601 W. 47th McCOOK, IL 60525

10. US EPA ID Number: ILT000646786

G. Illinois Facility's ID: 0311749002

H. Facility's Phone: (312) 442-6166

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

	HM	11. US DOT Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	X	PETROLEUM OILS FLAMMABLE LIQUIDS UN1270	1	TT	00425	1	D001
b.							
c.							
d.							

RECEIVED
SEP 28 1987
J. L. CLARK, ATLAS TUBE DIV.
DOWNERS GROVE, ILL.

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations, and Illinois regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
WILLIAM PROVNE	William Provne	09 23 87

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
GEORGE SCANLON	George Scanlon	09 23 87

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (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	Signature	Date (Month Day Year)
STAN KASEK	Stan Kasek	09 24 87

IN ILLINOIS: 217 / 782-3637 "24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS" OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-2675

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 FACILITY PART - 4 TRANSPORTER PART - 5 EPA PART - 6 GENERATOR

REVERSE

GENERATOR COPY - PART 1- DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.

This Agency is authorized to require, pursuant to Illinois Revised Statutes, 1983, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator in not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706 (217) 782-6761

IL532-0610 663
LPC 62 8/81

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (3-84) Form Approved. OMB No. 2000-0404. Expires 7-31-86

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD005130000 Manifest Document No. 14999
2. Page 1 of 1
Information in the shaded areas is not required by Federal law but is required by Illinois law.

3. Generator's Name and Mailing Address
J.L. CLARK MFG./ATLASTUBE DIV.
2300 WISCONSIN AVE DOWNERS GROVE IL. 60515
4. Generator's Phone (312) 969-6100

A. Illinois Manifest Document Number IL-1162880
B. Illinois Generator's ID 04-3620002
C. Illinois Tranporter's ID 01113
D. (30) 442-6166 Transporter's Phone

5. Transporter 1 Company Name: MOTOR OILS REFINING
6. US EPA ID Number: ILT000646786
7. Transporter 2 Company Name
8. US EPA ID Number
E. Illinois Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
MOTOR OILS REFINING
7601 W 47 ST. McCOOK, ILL. 60525
10. US EPA ID Number: ILT000646786
G. Illinois Facility's ID 0311740002
H. Facility's Phone (312) 442-6166

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

	HM	11. US DOT Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	X	PETROLEUM OILS FLAMMABLE LIQUIDS UN 1270	1	TT	00300	1	D001
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations, and Illinois regulations.

Printed/Typed Name: JACK HYNES — Signature — Date: Month Day Year 11 30 87

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: George Scanlon — Signature — Date: Month Day Year 11 30 87

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Date: 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: STAN KASEK — Signature — Date: Month Day Year 11 30 87

GENERATOR — TRANSPORTER — FACILITY

IN ILLINOIS: 217 / 782-3637 *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-2675

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 FACILITY PART - 4 TRANSPORTER PART - 5 IEPA PART - 6 GENERATOR

REV. # 5

GENERATOR COPY – PART 1- DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.

This Agency is authorized to require pursuant to Illinois Revised Statutes, 1983, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center

J.L. CLARK MANUFACTURING COMPANY
ATLAS TUBE DIVISION
2300 Wisconsin
Downers Grove, Illinois 60515

1987 SHIPMENTS OF WASTE SOLVENTS

DATE AND DESCRIPTION	GALLONS
1-21-87 SOLVENTS-NOS-UN1263 AVGANIC IND. INC EPA#---WID000808824	275
3-12-87 SOLVENTS-NOS-UN1263 AVGANIC IND. INC EPA#---WID000808824	275
6-05-87 SOLVENTS-NOS-UN1263 AVGANIC IND. INC EPA#---WID000808824	330
8-05-87 SOLVENTS-NOS-UN1263 AVGANIC IND. INC EPA#---WID000808824	275
10-7-87 SOLVENTS-NOS-UN1263 AVGANIC IND. INC EPA#---WID000808824	375
12-2-87 SOLVENTS-NOS-UN1263 AVGANIC IND. INC EPA#---WID000808824	275

1987 SHIPMENTS OF WASTE OILS

DATE AND DESCRIPTION	GALLONS
3-02-87 PETROLEUM OILS-UN 1270 MOTOR OILS REFINING EPA#---ILT000646786	450
6-19-87 PETROLEUM OILS-UN 1270 MOTOR OILS REFINING EPA#---ILT000646786	450
8-24-87 PETROLEUM OILS-UN 1270 MOTOR OILS REFINING EPA#---ILT000646786	495
9-23-87 PETROLEUM OILS-UN 1270 MOTOR OILS REFINING EPA#---ILT000646786	425
11-30-87 PETROLEUM OILS-UN 1270 MOTOR OILS REFINING EPA#---ILT000646786	300

J.L. CLARK MANUFACTURING COMPANY
ATLAS TUBE DIVISION
2300 Wisconsin
Downers Grove, Illinois 60515

NON-HAZARDOUS WASTE DISPOSAL

NON HAZARDOUS WASTE (PAPER WIPERS, BOXES, PLASTIC, PAPER) IS PICKED UP DAILY FROM:

ROTS DISPOSAL
DIV. OF BROWNING-FERRIS INDUSTRIES
P.O. BOX 0
DOWNERS GROVE, IL 60515

AN AVERAGE OF THE LAST TWELVE MONTHS INDICATES THAT WE GENERATE ABOUT 100 CUBIC YARDS OF NON-HAZARDOUS WASTE PER MONTH. THIS WASTE IS PICKED UP DAILY, FIVE DAYS PER WEEK.

J.L. CLARK MANUFACTURING COMPANY
ATLAS TUBE DIVISION
2300 Wisconsin
Downers Grove, Illinois 60515

1987 SCRAP METALS SHIPPED

SCRAP ALUMINUM IN POUNDS

DATE	CLEAN	PAINTED
1/9	5431	4212
1/20	3811	6745
2/4	6771	7153
2/17	5965	4821
3/2	5923	5338
3/16	5742	5230
3/26	5366	3907
4-6	5183	4683
4/15	5214	3020
4/27	4366	4865
5/6	5099	4784
5/13	4618	3275
5/21	4316	4084
6/2	4829	4358
6/9	3623	5027
6/19	5431	5334
6/30	5357	4881
7/16	4402	4823
7/23	3614	3886
7/31	3617	4290
8/7	3331	4875
8/14	2990	4556
8/24	5245	5050
9/2	5345	4580
9/15	4655	5145
9/25	5430	4360
10/6	4775	3625
10/14	4625	5285
10/26	5353	4275
11/5	4532	4919
11/16	5078	3710
11/24	5138	4157
12/7	5132	4117
12/21	4103	2664
12/30	3702	4258
TOTALS	168112	160292
		328404

METAL SCRAP FROM MACHINE SHOP

THE MACHINE SHOP GENERATES ABOUT THREE DRUMS OF SCRAP METALS EACH MONTH, EACH ONE WEIGHING ABOUT 150 POUNDS. THE SCRAP IS MADE UP GENERALLY OF METAL SHAVINGS, SMALL PIECES OF METAL, AND SCRAP PARTS THIS WORKS OUT TO BE ABOUT 5400-POUNDS OF SCRAP PER YEAR.
THE SCRAP IS PICKED UP BY MAHZEL METALS LOCATED ON 325 N. ELIZABETH ST. IN CHICAGO, IL. NO DOCUMENTATION IS KEPT FOR THIS BECAUSE OF THE SMALL QUANTITY AND THE FACT THAT J. L. CLARK RECEIVES NO COMPENSATION FOR THIS SCRAP.

LEAD DROSS

LEAD DROSS IS COLLECTED IN A STEEL DRUM, AND IS COLLECTED ABOUT ONCE EVERY SIX MONTHS BY MAHSEL METALS LOCATED AT 325 N. ELIZABETH ST. IN CHICAGO, IL. WE RECEIVE NO COMPENSATION FOR THE LEAD DROSS, AND THUS WE KEEP NO DOCUMENTATION ON THE AMOUNT GENERATED.

DATE: 3/25/88 SAFETY SHEETS
REVISONS:

DIST./MFG.	TRADE NAME	PRODUCT NAME	PRODUCT NO.	DESCRIPTION
ALCAN ALUMINUM		ALCAN ALUMINUM	1XXX SERIES ALLOY	AL. SLUGS
CHEMISCHE WERKE-MUENCHEN	ZINKBEHEINATE	ZINC [illegible]	0102 4103	SLUG LUBE
COLT INDUSTRIES	CRUCIBLE SPECIALTY	TOOL STEEL		TOOL STEEL
FANSTEEL VR/WESSON	FANSTEEL VR/WESSON	REFRACTORY METAL CARBIDE	CARBIDE GRADES VR65 & W588	CEMENTED CARBIDE PRODUCT W/ NICKEL
FANSTEEL VR/WESSON	FANSTEEL VR/WESSON	CAST COBALT ALLOY	TANTUNG GRADES	CAST COBALT ALLOY
FANSTEEL VR/WESSON	FANSTEEL VR/WESSON	REFRACTORY METAL CARBIDE	TUNGSTEN CARBIDE GRADES	CEMENTED TUNGSTEN CARBIDE PRODUCT
FANSTEEL VR/WESSON	FANSTEEL VR/WESSON			
FANSTEEL VR/WESSON	FANSTEEL VR/WESSON			
HAGG LABORATORIES	MAPP CONCENTRATE	LIQUID CLEANER	GC040	SODIUM HYDROXIDE
HANNA CHEMICAL COAT.	N/A	TUBE LINING	XR3472	WHITE INTERIOR
HANNA CHEMICAL COAT.	N/A	TUBE LINING	XR1215	WHITE TUBE LINING
HANNA CHEMICAL COAT.	N/A	YELLOW TUBE ENAM	VY8M80496	120-C YELLOW ENAM.
HANNA CHEMICAL COAT.	WHITE TUBE ENAMEL	VINYL	XR3817	MODIFIED NINYL
HANNA CHEMICAL COAT.	N/A	TUBE ENAMEL	XR3784A	WHITE TUBE ENAM.
HANNA CHEMICAL COAT.	H-17 TUBE LINING	H-17 TUBE LINING	XR3157	EPOXY PHENOLIC
HANNA CHEMICAL COAT.	N/A	TUBE LINING	L88021	INTERIOR TUBE
HANNA CHEMICAL COAT.	N/A	TUBE ENAMEL	XR3752	ORANGE TUBE
HANNA CHEMICAL COAT.	N/A	TUBE ENAMEL	XR3754	LAVENDER TUBE
HANNA CHEMICAL COAT.	N/A	TUBE ENAMEL	XR3756	GREEN TUBE
HANNA CHEMICAL COAT.	N/A	TUBE ENAMEL	VL8M80754	LT. BLUE PEEL
HANNA CHEMICAL COAT.	DESENEX YELLOW	TUBE ENAMEL	XR3227	VINYL DES. YELLOW
HANNA CHEMICAL COAT.	N/A	TUBE ENAMEL	XR3849	C.P. YELLOW TUBE
HANNA CHEMICAL COAT.	LEAD FREE YELLOW	TUBE ENAMEL	XR3849	MODIFIED VINYL
ISIS COATINGS INC.		H.S. WHITE	LR-7174	WHITE COATING
J.T. BAKER CHEMICALS		NITRIC ACID		Q.C. TESTING
J.T. BAKER CHEMICALS		HYDROCHLORIC ACID		Q.C. TESTING

DIST./MFG.	TRADE NAME	PRODUCT NAME	PRODUCT NO.	DESCRIPTION
LIQUID CARBONIC IND LIQUID CARBONIC IND		ACETYLENE GASEOUS OXYGEN		ACETYLENE ALKYNES GASEOUS OXIDIZER
MADISON BIONICS	EX-PURGE	DRAIN TREATMENT		ALKALINE DRAIN
MAGIE BROS. OIL CO.	MAGIESOL 52 OIL	PETOLEUM HYDRO.	PCC-902-0-433	PETRO. HYDROCARBON
NUEDEX INC.	ANDEROL 500 OIL	LUBES & OILS	7953813	
MOTOR OILS REFINING		REGULAR 30		PET. LURICATE OIL
OKLAHOMA REFINING	1902 SOLVEMT	SOLVENT		
PETRO PRODUCTS PETRO PRODUCTS PETRO PRODUCTS PETRO PRODUCTS PETRO PRODUCTS PETRO PRODUCTS PETRO PRODUCTS	600 SOLVENT MINERAL SPIRITS 2300 VINYL REDUC. UNION OIL	TRICHLOROETHANE MEK GLYCOL ETHER EE STODDARD SOLVENT	600 366 ACETATE 440	HYDROCARBON SOLVENT SOLVENT METHYL ETHYL KETONE MINERAL SPIRITS
SHERWIN WILLIAMS	WHITE ENAMEL	ENAMEL	G72-WC-18	PLASTIC ENAMEL
STARKEY CHEMICAL	DUPLICATOR FLUID	DUPLICATOR FLUID		METHYL ALCOHOL
TARACORP INDUSTRIES	ANTIMONIAL LEAD			
TECHNICAL PETROLEUM TECHNICAL PETROLEUM	#660 SOLVEMT	SOLVENT ETHYL ACETATE		AROMATIC KETONE
THERMACOTE WELCO CO.	WELCO 15-15EC	BRONZE		
THERMOGAS INC.	PROPANE	LIQUIFIED PETROLEUM		HYDROCARBON

DIST./MFG.	TRADE NAME	PRODUCT NAME	PRODUCT NO.	DESCRIPTION
TOWER OIL & TECH.	GREZALL CM-1	PETROLEUM HYDRO		LUBRICANT
TOWER OIL & TECH.	DUROL E	DUROL 20		LUBRICANT
TOWER OIL & TECH.	MOLYFILM HI-TEMP			LUBRICANT
TOWER OIL & TECH.	LUBE 4AA & 4B			LUBRICANT
TOWER OIL & TECH.	SUPER GEAR LUBE GH	#95 WAY & GEAR LUBE		LUBRICANT
TOWER OIL & TECH.	GREZALL H	PETRO. HYDROCARBON		LUBRICANT
TURCO PRODUCTS		TURCO PAINT OFF		
VALSPAR	3846006	PAINT PRODUCT		
VALSPAR	S3846-006	EPOXY		
VALSPAR	721890005 GLD	PAINT PRODUCT	173709000	
VALSPAR	189008	PAINT PRODUCT		
VALSPAR	3846006	PAINT PRODUCT		
VALSPAR	725061044	GOLD EPOXY	173711000	
WATSON STANDARD	THINNER		10-084-AT	SOLVENT BLEND
WATSON STANDARD	GOLD COATING	COATING	10-084-A	PHENOLIC RESIN
WATSON STANDARD	GOLD COATING	COATING		BASE COATING
WATSON STANDARD	GOLD COATING	COATING	27-015	EPOXY BASE COAT
WATSON STANDARD	GOLD COATING	COATING	29-454	EPOXY-PHENOLIC
WITCO MFG.		ZINC STEARATE		SLUG LUBE
DOW CHEMICAL	DURSBAN 2E			INSECTICIDE
ICI AMERICAS INC.	TALON TMG			RODENTICIDE
ICI AMERICAS INC.	DEMON 40 WP			INSECTICIDE
WHITMIRE RESEARCH	PT-3-6-10			INSECTICIDE
WHITMIRE RESEARCH	AERO-CIDE			INSECTICIDE

DIST./MFG.	TRADE NAME	PRODUCT NAME	PRODUCT NO.	DESCRIPTION
TOWER OIL & TECH.	GREZALL CM-1	PETROLEUM HYDRO		LUBRICANT
TOWER OIL & TECH.	DUROL E	DUROL 20		LUBRICANT
TOWER OIL & TECH.	MOLYFILM HI-TEMP			LUBRICANT
TOWER OIL & TECH.	LUBE 4AA & 4B			LUBRICANT
TOWER OIL & TECH.	SUPER GEAR LUBE GH	#95 WAY & GEAR LUB		LUBRICANT
TOWER OIL & TECH.	GREZALL H	PETRO. HYDROCARBON		LUBRICANT
TURCO PRODUCTS		TURCO PAINT OFF		
VALSPAR	3846006	PAINT PRODUCT		
VALSPAR	S3846-006	EPOXY		
VALSPAR	721890005 GLD	PAINT PRODUCT	173709000	
VALSPAR	189008	PAINT PRODUCT		
VALSPAR	3846006	PAINT PRODUCT		
VALSPAR	725061044	GOLD EPOXY	173711000	
WATSON STANDARD	THINNER		10-084-AT	SOLVENT BLEND
WATSON STANDARD	GOLD COATING	COATING	10-084-A	PHENOLIC RESIN
WATSON STANDARD	GOLD COATING	COATING		BASE COATING
WATSON STANDARD	GOLD COATING	COATING	27-015	EPOXY BASE COAT
WATSON STANDARD	GOLD COATING	COATING	29-454	EPOXY-PHENOLIC
WITCO MFG.		ZINC STEARATE		SLUG LUBE
DOW CHEMICAL	DURSBAN 2E			INSECTICIDE
ICI AMERICAS INC.	TALON TMG			RODENTICIDE
ICI AMERICAS INC.	DEMON 40 WP			INSECTICIDE
WHITMIRE RESEARCH	PT-3-6-10			INSECTICIDE
WHITMIRE RESEARCH	AERO-CIDE			INSECTICIDE

J.L.CLARK
a member of the CLARCOR packaging products group

September 20, 1988

Mr. Eugene P. Theios
Manager Compliance Assurance Unit
Compliance Monitoring Section
Division of Land Pollution Control
Illinois Environmental Protection Agency
2200 Churchill Road
Springfield, Illinois 62706

CERTIFIED MAIL P 471 982 744

Dear Mr. Theios:

As regards to the submission of Hazardous Waste Reports, we had discovered during a recent review that the Generator Annual Hazardous Waste Report for our Atlas Division hadn't been filed for the period of 1983 to 1986. We had reorganized our group in 1987 to centralize the coordination of Environmental Protection Agency requirements. As part of the reorganization, we had reviewed all locations to insure proper administration, and discovered that the reports for 1983 to 1986 hadn't been submitted according to the files. It is our understanding that the Atlas Division hadn't received any forms through previous mailings and, therefore, wasn't aware of the need to submit. However, our recent appointed coordinator was familiar with the requirements and took the necessary steps to gather the information.

J. L. Clark values its reputation as a good corporate citizen and makes a good faith effort since the discovery of this oversight to prepare annual reports previously not filed. I've enclosed the annual reports for the calendar years 1983, 1984, 1985, and 1986 which reflect the activity during these periods.

We apologize for this oversight and will insure that this requirement is met in subsequent years. The report for 1987 was submitted on 2/2/88. In the event that you may have a questions, please contact either my office or Jim Klotz.

J. L. Clark, 2300 Sixth Street
Rockford, Illinois 61125 815-962-8861

Sincerely,

Gordon E. VerWeyst
Director-Production Engineering
/tkb

Attach.

cc: Jim Klotz

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125

815/962-8861
FAX: 815/962-6356

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

20 GENERATOR ANNUAL HAZARDOUS WASTE REPORT 20

This report is for the calendar year ending December 31, 1986

FOR AGENCY USE ONLY

FOR AGENCY USE	L P H W C	CARD TYPE	2 0	TRANS CODE	A	DATE ENTERED	/ /

GENERAL INSTRUCTIONS

REFER TO THE SPECIFIC INSTRUCTIONS CONTAINED IN THIS BOOKLET BEFORE COMPLETING THIS FORM.
The information requested in this report is required by Federal and State law.

Please print/type with elite type (12 characters per inch)

I. NON-REGULATED STATUS

Complete this section only if you did not generate regulated quantities of hazardous waste at any time during the calendar year covered by this report. Circle the one numeric code 1 thru 5 that best describes your status during the entire year (see instructions for explanation of codes, and explain in Comment Section.

1 No Hazardous Waste Shipped Off-Site

2 Small Quantity Generator

3 Exempt

4 Beneficial Use

5 Closed

B. This installation's Non-Regulated Status is expected to apply:

6 For 1986 only, explain in Comment Section.

7 Permanently, explain in Comment Section.

8 Other, explain in Comment Section.

II. REGULATED STATUS

See instructions for completing this and following sections.

III. GENERATOR'S USEPA I.D. NUMBER: I L D 0 0 5 1 3 0 0 0 0

IV. GENERATOR'S ILLINOIS I.D. NUMBER: 0 4 3 8 0 3 0 0 0 2

V. NAME OF INSTALLATION

J. L. Clark Manufacturing Co.

VI. INSTALLATION MAILING ADDRESS

2300 Wisconsin Avenue

Street or P.O. Box

Downers Grove Illinois 60515

City or Town State Zip Code

VII. LOCATION OF INSTALLATION (if different than section VI above)

Street or Route number

City or Town State Zip Code

VIII. INSTALLATION CONTACT

Richard A. Anderson

Name (last and first)

(312) 969-6100

Phone No. (area code & no.)

This Agency is authorized to require this information under Illinois Revised Statutes, 1981, Chapter 111-1/2, Sections 1004 and 1021 (d)(2). Disclosure of this information is required. Failure to do so may result in a civil penalty up to $25,000 for each day the failure continues, a fine up to $1,000,000.00 and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

IX. 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.

Richard W. Malmgren, Executive Vice President — Richard W. Malmgren — 9/24

Print Type Name — Title — Signature of Authorized Representative — Date Signed

50

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

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This report is for the calendar year ending December 31, 1986 (cont.)

FOR AGENCY USE ONLY

FOR AGENCY USE LPHWC (1–5) CARD TYPE 50 (6–7) TRANS CODE A (8) 02 / 28 / 87 (9–14)

X. GENERATOR'S USEPA I.D. NO. ILD005130000 (18–29)

XI. GENERATOR'S ILLINOIS EPA I.D. NO. 0438030002 (30–39)

XII. FACILITY'S USEPA I.D. NO. WID008082824 (41–52)

XIII. FACILITY'S ILLINOIS EPA I.D. NO. 9550250001 (53–62)

XIV. FACILITY'S NAME / ADDRESS

Name: Avganic Industries, Inc. Phone: 608 257-1414

114 North Main Street, Cottage Grove, Wisconsin 53527

Street (P.O. Box) City State Zip

XV. WASTE IDENTIFICATION

A. LINE NO. (63–66)	B. DESCRIPTION OF WASTE	C. (67–68) Hazard Code	D. RCRA HAZARDOUS WASTE NO. (see instructions) (69–72)	(73–76)	(77–80)	(81–84)	E. AMOUNT OF WASTE (gallons only) (85–93)	F. DENSITY (lbs. / gal.) (94–96)
0001	Solvents, N O S Flammable Liquids, UN 1993	08	F003				1650	06.5
0002								.
0003								.
0004								.
0005								.
0006								.
0007								.
0008								.
0009								.
0010								.

XVII. PAGE NUMBER 002

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

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This report is for the calendar year ending December 31, 1986 (cont.)

FOR AGENCY USE ONLY

FOR AGENCY USE L P H W C (1–5) CARD TYPE 5 0 (6–7) TRANS CODE A (8) 0 2 / 2 8 / 8 7 (9–14)

X. GENERATOR'S USEPA I.D. NO. I L D 0 0 5 1 3 0 0 0 0 (18–29)

XI. GENERATOR'S ILLINOIS EPA I.D. NO. 0 4 3 8 0 3 0 0 0 2 (30–39)

XII. FACILITY'S USEPA I.D. NO. I L T 0 0 0 6 4 6 7 8 6 (41–52)

XIII. FACILITY'S ILLINOIS EPA I.D. NO. 0 3 1 1 7 4 0 0 0 2 (53–62)

XIV. FACILITY'S NAME / ADDRESS

Name: Motor Oils Refining Phone: 312 .. 442-6166

7601 West 47th Street, McCook, Illinois 60525

Street (P.O. Box) City State Zip

XV. WASTE IDENTIFICATION

A. LINE NO. (63–66)	B. DESCRIPTION OF WASTE	C. UNIT (67–68)	D. RCRA HAZARDOUS WASTE NO. (see instructions) (69–80)	(81–84)	E. AMOUNT OF WASTE (gallons only) (85–93)	F. DENSITY (lbs. - gal.) (94–96)
0001	Petroleum Oils Flammable Liquid, UN 1270	08	D001		880	07.0
0002						
0003						
0004						
0005						
0006						
0007						
0008						
0009						
0010						

XVII. PAGE NUMBER 0 0 3

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

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This report is for the calendar year ending December 31, 1986 (cont.)

FOR AGENCY USE ONLY

FOR AGENCY USE LPHWC (1–5) CARD TYPE 50 (6–7) TRANS CODE A (8) 02 / 28 / 87 (9–14)

X. GENERATOR'S USEPA I.D. NO. ILD005130000 (18–29)

XI. GENERATOR'S ILLINOIS EPA I.D. NO. 0413803002 (30–39)

XII. FACILITY'S USEPA I.D. NO. IND016362615 (41–52)

XIII. FACILITY'S ILLINOIS EPA I.D. NO. 918089002 (53–62)

XIV. FACILITY'S NAME / ADDRESS

Name: American Chemical Service, Inc. Phone: 219 924-4370

420 South Colfax (Street / P.O. Box) Griffith (City) IN (State) 46319 (Zip)

XV. WASTE IDENTIFICATION

A. LINE NO. (63–66)	B. DESCRIPTION OF WASTE	C. UNIT OF Hazard Code (67–68)	D. RCRA HAZARDOUS WASTE NO. (see instructions) (69–72, 73–76, 77–80, 81–84)	E. AMOUNT OF WASTE (gallons only) (85–93)	F. DENSITY (lbs. / gal.) (94–96)
0001	Solvents, N O S Flammable Liquid, UN 1993	08	F003	275	06.5
0002					
0003					
0004					
0005					
0006					
0007					
0008					
0009					
0010					

XVII. PAGE NUMBER 004

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

60

This report is for the calendar year ending December 31, 1986

FOR AGENCY USE ONLY

FOR AGENCY USE LPHWC (1–5) CARD TYPE 60 (6–7) TRANS CODE A (8) 02 / 28 / 87 (9–14)

X. GENERATOR'S USEPA I.D. NO. ILD005130000 (18–29)

XI. GENERATOR'S ILLINOIS EPA I.D. NO. 0438030002 (30–39)

V/VI. GENERATOR'S NAME/ADDRESS

Name J. L. Clark Manufacturing Company Phone (312) 969-6100

2300 Wisconsin Avenue, Downers Grove, IL 60515

Street (P.O. Box) City State Zip

XVIII. LIST OF TRANSPORTATION SERVICES (HAULERS) USED:

A. LINE NO. (61–64)	B. TRANSPORTER'S NAME / ADDRESS	C. TRANSPORTER'S USEPA I.D. NO. (95–106)	D. TRANSPORTER'S ILLINOIS EPA I.D. NO. (107–113)
0001	Indianhead Truck Line, 9480 N 107, Milwaukee, Wisconsin 53202	MND006963318	1250
0002	Thrift Trucking, Elmhurst, Illinois	ILD007186790 6	1358
0003	Motor Oils Refining, 7601 West 47th Street McCook, Illinois 60525	ILT000647867	0113
0004	Landrebe Motor Transit, 3009 South Shields Chicago, Illinois 60616	IND009842824	1875

XVII. PAGE NUMBER 0006

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

This report is for the calendar year ending December 31, 1986

XVI. COMMENTS

Facility's USEPA I.D. No. I L D 0 0 5 1 3 0 0 0 0

Facility's Illinois EPA I.D. No. 0 4 3 8 0 3 0 0 0 2

J. L. Clark Manufacturing Company's waste streams experienced total increases in volume related to increases in operating levels during 1986.

Despite the volume increase, the solvent waste disposal is minimized through the use of a reclaimation service. This process fractionates the solvent waste, utilizing the reclaimed solvent in new product formulations and the residual still bottoms being incinerated as part of a secondary fuel blending program.

The petroleum oil wastes are purified and reutilized in blending new lubrication products. This thereby significantly reduces the volume of actual waste for disposal.

The company is continuing to evaluate conversion to high solids materials and the potentials for in-house distillation of waste materials.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

20 GENERATOR ANNUAL HAZARDOUS WASTE REPORT 20

This report is for the calendar year ending December 31, 1985

FOR AGENCY USE ONLY

FOR AGENCY USE	LPHWC (1–5)	CARD TYPE	20 (6–7)	TRANS CODE	A (8)	DATE ENTERED	__/__/__ (9–14)

GENERAL INSTRUCTIONS

REFER TO THE SPECIFIC INSTRUCTIONS CONTAINED IN THIS BOOKLET BEFORE COMPLETING THIS FORM.
The information requested in this report is required by Federal and State law.

Please print/type with elite type (12 characters per inch)

I. NON-REGULATED STATUS

A. Complete this section only if you did not generate regulated quantities of hazardous waste at any time during the calendar year covered by this report. Circle the one numeric code (1 thru 5) that best describes your status during the entire year (see instructions for explanation of codes), and explain in Comment Section.

- [1] (15) Non-handler
- [2] (15) Small Quantity Generator
- [3] (15) Exempt
- [4] (15) Beneficial Use
- [5] (15) Closed

B. This installation's Non-Regulated Status is expected to apply:

- [6] (16) For 1985 only, explain in Comment Section.
- [7] (16) Permanently, explain in Comment Section.
- [8] (16) Other, explain in Comment Section.

II. REGULATED STATUS

See instructions for completing this and following sections.

III. GENERATOR'S USEPA I.D. NUMBER (17–28)

ILD005130000

IV. GENERATOR'S ILLINOIS I.D. NUMBER (29–38)

0438030002

V. NAME OF INSTALLATION

J. L.Clark Manufacturing Company

VI. INSTALLATION MAILING ADDRESS

2300 Wisconsin Avenue
Street or P.O. Box

Downers Grove, Illinois 60515
City or Town State Zip Code

VII. LOCATION OF INSTALLATION (if different than section VI above)

Street or Route number

City or Town State Zip Code

VIII. INSTALLATION CONTACT

Richard A. Anderson
Name (last and first)

(312) 969-6100
Phone No. (area code & no.)

This Agency is authorized to require this information under Illinois Revised Statutes, 1981, Chapter 111-1/2, Sections 1004 and 1021 (f)(2). Disclosure of this information is required. Failure to do so may result in a civil penalty up to $25,000 for each day the failure continues, a fine up to $1,000,000.00 and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

IX. 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.

Richard W. Malmgren, Executive Vice President — Richard W. Malmgren — 9/22/86

Print/Type Name | Title | Signature of Authorized Representative | Date Signed

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

50

This report is for the calendar year ending December 31, 1985 (cont.)

FOR AGENCY USE ONLY

FOR AGENCY USE L P H W C (1–5) CARD TYPE 5 0 (6–7) TRANS CODE A (8) DATE ENTERED __ / __ / __ (9–14)

X. GENERATOR'S USEPA I.D. NO. I L D 0 0 5 1 3 0 0 0 0 (18–29)

XI. GENERATOR'S ILLINOIS EPA I.D. NO. 0 4 3 8 0 3 0 0 0 2 (30–39)

XII. FACILITY'S USEPA I.D. NO. I N D 0 1 6 3 6 0 2 6 5 (41–52)

XIII. FACILITY'S ILLINOIS EPA I.D. NO. 9 1 8 0 8 9 0 0 0 2 (53–62)

XIV. FACILITY'S NAME / ADDRESS

Name: American Chemical Service, Inc. Phone: (219) 924 4370

Street (P.O. Box): 420 South colfax City: Griffith State: IN Zip: 46319

XV. WASTE IDENTIFICATION

A. LINE NO. (63–66)	B. DESCRIPTION OF WASTE	C. USDOT Hazard Code (67–68)	D. RCRA HAZARDOUS WASTE NO. (see instructions) (69–72, 73–76, 77–80, 81–84)	E. AMOUNT OF WASTE (gallons only) (85–93)	F. DENSITY (lbs. / gal.) (94–96)
0001	Solvents NOS Flammable Liquid, UN 1993	08	F003	880	06.5
0009					
0010					

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

50

This report is for the calendar year ending December 31, 1985 (cont.)

FOR AGENCY USE ONLY

FOR AGENCY USE LPHWC (1–5) CARD TYPE 50 (6–7) TRANS CODE A (8) DATE ENTERED __/__/__ (9–14)

X. GENERATOR'S USEPA I.D. NO. ILD005130000 (18–29)

XI. GENERATOR'S ILLINOIS EPA I.D. NO. 0438030002 (30–39)

XII. FACILITY'S USEPA I.D. NO. ILT006467862 (41–52)

XIII. FACILITY'S ILLINOIS EPA I.D. NO. 0311740002 (53–62)

XIV. FACILITY'S NAME / ADDRESS

Name: Motor Oils Refining Phone: 312 442-6166

Street (P.O. Box): 7601 West 47th Street City: McCook State: Illinois Zip: 60625

XV. WASTE IDENTIFICATION

A. LINE NO. (63–66)	B. DESCRIPTION OF WASTE	C. USDOT Hazard Code (67–68)	D. RCRA HAZARDOUS WASTE NO. (see instructions) (69–72, 73–76, 77–80, 81–84)	E. AMOUNT OF WASTE (gallons only) (85–93)	F. DENSITY (lbs. / gal.) (94–96)
0001	Petroleum Oils Flammable Liquid, UN 1270	08	D001	740	07.0
0009					
0010					

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

60

This report is for the calendar year ending December 31, 1985 (cont.)

FOR AGENCY USE ONLY

FOR AGENCY USE L P H W C (1–5) CARD TYPE 6 0 (6–7) TRANS CODE A (8) DATE ENTERED __ / __ / __ (9–14)

X. GENERATOR'S USEPA I.D. NO. (18–29): I L D 0 0 5 1 3 0 0 0 0

XI. GENERATOR'S ILLINOIS EPA I.D. NO. (30–39): 0 4 3 8 0 3 0 0 0 2

V./VI. GENERATOR'S NAME/ADDRESS

Name: J. L. Clark Manufacturing Company — Phone: (312) 969-6100

Street (P.O. Box): 2300 Wisconsin Avenue — City: Downers Grove — State: Illinois — Zip: 60515

XVIII. LIST OF TRANSPORTATION SERVICES (HAULERS) USED:

A. LINE NO. (61–64)	B. TRANSPORTER'S NAME / ADDRESS	C. TRANSPORTER'S USEPA I.D. NO. (95–106)	D. TRANSPORTER'S ILLINOIS EPA I.D. NO. (107–113)
0 0 0 1	Motor Oils Refining, 7601 West 47th Street McCook, Illinois 60525	I L T 0 0 0 6 4 6 7 8 6	0 1 1 3
0 0 0 2	Landgrebe Motor Transit, 3009 South Shields Chicago, Illinois 60616	I N D 0 0 9 8 4 2 8 2 4	1 8 7 5
0 0 0 3	Technical Petroleum, 6233 North Pulaski Road Chicago, Illinois 60646	I L D 0 0 5 4 4 1 6 9 6	0 6 2 5

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

This report is for the calendar year ending December 31, 1985 (cont.)

XVI . COMMENTS

Generator's USEPA I.D. No. I L D 0 0 5 1 3 0 0 0 0

Generator's Illinois EPA I.D. No. 0 4 3 8 0 3 0 0 0 2

The minimization statement, as described in the instructions, should be completed below.

J. L.Clark Manufacturing utilizes recycling services for both its solvent and oil disposal. This service significantly reduces the waste volume for ultimate disposal and conserves resources through reuse of reclaimed materials.

Calendar year 1985 saw an 8% increase in total solvent waste due to business conditions. The volume of oil waste increased from 475 to 740 gallons due to increases in business. J. L. Clark is exploring technological advances in coating systems for high solids coatings that will reduce the volume of waste generated.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

20 GENERATOR ANNUAL HAZARDOUS WASTE REPORT 20

This report is for the calendar year ending December 31, 1984.

FOR AGENCY USE ONLY

FOR AGENCY USE	L P H W C (1–5)	CARD TYPE	2 0 (6–7)	TRANS CODE	A (8)	DATE ENTERED	/ / (9–14)

GENERAL INSTRUCTIONS

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The information requested in this report is required by Federal and State law.

Please print/type with elite type (12 characters per inch)

I. NON-REGULATED STATUS

Complete this section only if you did not generate regulated quantities of hazardous waste at any time during the calendar year covered by this report. Circle the one numeric code (1 thru 5) that best describes your status during the entire year (see instructions for explanation of codes), and explain in Comment Section.

- [1] (15) Non-handler
- [2] (15) Small Quantity Generator
- [3] (15) Exempt
- [4] (15) Beneficial Use
- [5] (15) Closed

This installation's Non-Regulated Status is expected to apply:

- [6] (16) For 1984 only, explain in Comment Section.
- [7] (16) Permanently, explain in Comment Section.
- [8] (16) Other, explain in Comment Section.

II. REGULATED STATUS

See instructions for completing this and following sections.

III. GENERATOR'S USEPA I.D. NUMBER

I L D 0 0 5 1 3 0 0 0 0 (17–28)

IV. GENERATOR'S ILLINOIS I.D. NUMBER

0 1 4 3 1 8 0 1 3 0 0 0 0 1 2 (29–38)

V. NAME OF INSTALLATION

J. L. Clark Manufacturing Company

VI. INSTALLATION MAILING ADDRESS

2300 Wisconsin Avenue
Street or P.O. Box

Downers Grove — Illinois — 60515
City or Town — State — Zip Code

VII. LOCATION OF INSTALLATION (if different than section VI above)

Street or Route number

City or Town — State — Zip Code

VIII. INSTALLATION CONTACT

Richard A. Anderson
Name (last and first)

(312) 969-6100
Phone No. (area code & no.)

This Agency is authorized to require this information under Illinois Revised Statutes, 1983, Chapter 111-1/2, Sections 1004 and 1021 (f)(2). Disclosure of this information is required. Failure to do so may result in a civil penalty up to $25,000 for each day the failure continues, a fine up to $1,000,000.00 and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

IX. 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.

Richard W. Malmgren, Exec. Vice President — Richard W. Malmgren — 9/20/85
Print/Type Name — Title — Signature of Authorized Representative — Date Signed

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

50

This report is for the calendar year ending December 31, 1984. (cont.)

FOR AGENCY USE ONLY

FOR AGENCY USE LPHWC (1–5) CARD TYPE 50 (6–7) TRANS CODE A (8) DATE ENTERED __/__/__ (9–14)

X. GENERATOR'S USEPA I.D. NO. ILD005130000 (18–29)

XI. GENERATOR'S ILLINOIS EPA I.D. NO. 0438030002 (30–39)

XII. FACILITY'S USEPA I.D. NO. IND016363625 (41–52)

XIII. FACILITY'S ILLINOIS EPA I.D. NO. 918089002 (53–62)

XIV. FACILITY'S NAME / ADDRESS

Name American Chemical Service, Inc. Phone (219) 924-4310

420 South Colfax (Street (P.O. Box)) Griffith (City) IN (State) 46319 (Zip)

XV. WASTE IDENTIFICATION

A. LINE NO. (63–66)	B. DESCRIPTION OF WASTE	C. USDOT Hazard Code (67–68)	D. RCRA HAZARDOUS WASTE NO. (see instructions) (69–72)	(73–76)	(77–80)	(81–84)	E. AMOUNT OF WASTE (gallons only) (85–93)	F. DENSITY (lbs. / gal.) (94–96)
0001	Solvents NOS Flammable Liquid, UN1993	08	F003				825	06.5

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

50

This report is for the calendar year ending December 31, 1984. (cont.)

FOR AGENCY USE ONLY

FOR AGENCY USE LPHWC (1–5) CARD TYPE 50 (6–7) TRANS CODE A (8) DATE ENTERED __/__/__ (9–14)

X. GENERATOR'S USEPA I.D. NO. ILD005130000 (18–29)

XI. GENERATOR'S ILLINOIS EPA I.D. NO. 0438030002 (30–39)

XII. FACILITY'S USEPA I.D. NO. ILT000646786 (41–52)

XIII. FACILITY'S ILLINOIS EPA I.D. NO. 0311740002 (53–62)

XIV. FACILITY'S NAME / ADDRESS

Name: Motor Oils Refining Phone: (312) 244-6166

Street (P.O. Box): 7601 West 47th Street City: McCook State: Illinois Zip: 60525

XV. WASTE IDENTIFICATION

A. LINE NO. (63–66)	B. DESCRIPTION OF WASTE	C. USDOT Hazard Code (67–68)	D. RCRA HAZARDOUS WASTE NO. (see instructions) (69–72, 73–76, 77–80, 81–84)	E. AMOUNT OF WASTE (gallons only) (85–93)	F. DENSITY (lbs. / gal.) (94–96)
0001	Petroleum Oil Flammable Liquid, UN1270	018	D1010 1	475	07.0

XVII PAGE NUMBER

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

60

This report is for calendar year ending December 31 1984 (cont.)

FOR AGENCY USE ONLY

FOR AGENCY USE L P H W C (1–5) CARD TYPE 6 0 (6–7) TRANS CODE A (8) DATE ENTERED __ / __ / __ (9–14)

X. GENERATOR'S USEPA I.D. NO. (18–29): I L D 0 0 5 1 3 0 0 0 0

XI. GENERATOR'S ILLINOIS EPA I.D. NO. (30–39): 0 4 3 8 0 3 0 0 0 2

V./VI. GENERATOR'S NAME/ADDRESS

Name: J. L. Clark Manufacturing Co. Phone (312) 969-6100

Street (P.O. Box): 2300 Wisconsin Avenue City: Downers Grove State: Illinois Zip: 60515

XVIII. LIST OF TRANSPORTATION SERVICES (HAULERS) USED:

A. LINE NO. (61–64)	B. TRANSPORTER'S NAME / ADDRESS	C. TRANSPORTER'S USEPA I.D. NO. (95–106)	D. TRANSPORTER'S ILLINOIS EPA I.D. NO. (107–113)
0 0 0 1	Technical Petroleum, 6233 North Pulaski Road Chicago, Illinois 60646	I L D 0 0 5 4 4 1 6 9 6	0 6 2 5
0 0 0 2	Motor Oils Refining, 7601 West 47th Street McCook, Illinois 60525	I L T 0 0 0 6 4 6 7 8 6	0 1 1 1 3

XVII. PAGE NUMBER

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

This report is for the calendar year ending December 31, 1984. (cont.)

XVI . COMMENTS

Generator's USEPA I.D. No. I L D 0 0 5 1 3 0 0 0 0

Generator's Illinois EPA E.D. No. 0 4 3 8 0 3 0 0 0 2

20 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY 20

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

This report is for the calendar year ending December 31, 1983.

FOR AGENCY USE ONLY

FOR AGENCY USE	L P H W C (1–5)	CARD TYPE	2 0 (6–7)	TRANS CODE	A (8)	DATE ENTERED	__ / __ / __ (9–14)

GENERAL INSTRUCTIONS

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I. NON-REGULATED STATUS

Complete this section only if you did not generate regulated quantities of hazardous waste at any time during the calendar year covered by this report. Circle the one numeric code (1 thru 5) that best describes your status during the entire year (see instructions for explanation of codes), and explain in Comment Section.

- [1] (15) Non-handler
- [2] (15) Small Quantity Generator
- [3] (15) Exempt
- [4] (15) Beneficial Use
- [5] (15) Closed

This installation's Non-Regulated Status is expected to apply:

- [6] (16) For 1983 only, explain in Comment Section.
- [7] (16) Permanently, explain in Comment Section.
- [8] (16) Other, explain in Comment Section.

II. REGULATED STATUS

See instructions for completing this and following sections.

III. GENERATOR'S USEPA I.D. NUMBER

I L D 0 0 5 1 3 0 0 0 0 (17–28)

IV. GENERATOR'S ILLINOIS I.D. NUMBER

0 4 3 0 3 0 0 0 0 8 G (29–39)

V. NAME OF INSTALLATION

J. L. Clark Manufacturing Co.

VI. INSTALLATION MAILING ADDRESS

2300 Wisconsin Avenue
Street or P.O. Box

Downers Grove — Illinois — 60515
City or Town — State — Zip Code

VII. LOCATION OF INSTALLATION (if different than section VI above)

Street or Route number

City or Town — State — Zip Code

VIII. INSTALLATION CONTACT

Richard A. Anderson
Name (last and first)

(312) 969-6100
Phone No. (area code & no.)

This Agency is authorized to require this information under Illinois Revised Statutes, 1981, Chapter 111-1/2, Sections 1004 and 1021 (f)(2). Disclosure of this information is required. Failure to do so may result in a civil penalty up to $25,000 for each day the failure continues, a fine up to $1,000,000.00 and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

IX. 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.

Richard W. Malmgren, Exec. Vice-President — Richard W. Malmgren — 9/23/83

Print/Type Name — Title — Signature of Authorized Representative — Date Signed

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

50

This report is for the calendar year ending December 31, 1983. (cont.)

FOR AGENCY USE ONLY

FOR AGENCY USE L P H W C (1–5) CARD TYPE 5 0 (6–7) TRANS CODE A (8) DATE ENTERED / / (9–14)

X. GENERATOR'S USEPA I.D. NO. I L D 0 0 5 1 3 0 0 0 0 (18–29)

XI. GENERATOR'S ILLINOIS EPA I.D. NO. 0 4 3 0 3 0 0 0 0 8 G (30–40)

XII. FACILITY'S USEPA I.D. NO. T N D 0 1 6 3 6 0 2 6 5 (41–52)

XIII. FACILITY'S ILLINOIS EPA I.D. NO. 9 1 8 0 8 9 0 2 (53–60)

XIV. FACILITY'S NAME / ADDRESS

Name American Chemical Service, Inc. Phone (219) 924-4370

420 South Colfax (Street (P.O. Box)) Griffith (City) IN (State) 46319 (Zip)

XV. WASTE IDENTIFICATION

A. LINE NO. (61–64)	B. DESCRIPTION OF WASTE	C. USDOT Hazard Code (65–66)	D. RCRA HAZARDOUS WASTE NO. (see instructions) (67–70, 71–74, 75–78, 79–82)	E. AMOUNT OF WASTE (gallons only) (83–91)	F. DENSITY (lbs. / gal.) (92–94)
0 0 0 1	Solvents NOS Flammable Liquid UN 1993	0 1 8	F 0 0 1 3	1 1 0 0	0 6 . 5

XVII. PAGE NUMBER 0 0 2

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

50

This report is for the calendar year ending December 31, 1983. (cont.)

FOR AGENCY USE ONLY

FOR AGENCY USE LPHWC (1–5) CARD TYPE 50 (6–7) TRANS CODE A (8) DATE ENTERED __/__/__ (9–14)

X. GENERATOR'S USEPA I.D. NO. ILD005130000 (18–29)

XI. GENERATOR'S ILLINOIS EPA I.D. NO. 0430300008G (30–40)

XII. FACILITY'S USEPA I.D. NO. ILT006467867 (41–52)

XIII. FACILITY'S ILLINOIS EPA I.D. NO. 0311742 (53–60)

XIV. FACILITY'S NAME / ADDRESS

Name: Motor Oil Refining Phone (312) 442-6166

Street (P.O. Box): 7601 West 47th Street City: McCook State: Illinois Zip: 60525

XV. WASTE IDENTIFICATION

A. LINE NO. (61–64)	B. DESCRIPTION OF WASTE	C. USDOT Hazard Code (65–66)	D. RCRA HAZARDOUS WASTE NO. (see instructions) (67–70, 71–74, 75–78, 79–82)	E. AMOUNT OF WASTE (gallons only) (83–91)	F. DENSITY (lbs. / gal.) (92–94)
001	Petroleum Oils Flammable Liquid UN 1270	08	D001	800	07.0

XVII. PAGE NUMBER 003

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

60

This report is for calendar year ending December 31, 1983 (cont.)

FOR AGENCY USE ONLY

FOR AGENCY USE L P H W C (1–5) CARD TYPE 6 0 (6–7) TRANS CODE A (8) DATE ENTERED __/__/__ (9–14)

X. GENERATOR'S USEPA I.D. NO. I L D 0 0 5 1 3 0 0 0 0 (18–29)

XI. GENERATOR'S ILLINOIS EPA I.D. NO. 0 4 3 0 3 0 0 0 0 8 G (30–40)

V./VI. GENERATOR'S NAME/ADDRESS

Name J. L. Clark Manufacturing Company Phone (312) 969-6100

2300 Wisconsin Avenue (Street (P.O. Box)) Downers Grove (City) Illinois (State) 60515 (Zip)

XVIII. LIST OF TRANSPORTATION SERVICES (HAULERS) USED:

A. LINE NO. (41–44)	B. TRANSPORTER'S NAME / ADDRESS	C. TRANSPORTER'S USEPA I.D. NO. (45–56)	D. TRANSPORTER'S ILLINOIS EPA I.D. NO. (57–60)
0 0 0 1	Technical Petroleum, 6233 North Pulaski Chicago, Illinois 60646	I L D 0 0 5 4 4 1 6 9 6	0 6 2 5
0 0 0 2	Motor Oils Refining, 7601 West 47th Street, McCook, Illinois 60525	I L T 0 0 0 6 4 6 7 8 6	0 1 1 3

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

This report is for the calendar year ending December 31, 1983. (cont.)

XVI . COMMENTS

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

20 GENERATOR ANNUAL HAZARDOUS WASTE REPORT 20

This report is for the calendar year ending December 31, 1987

FOR AGENCY USE ONLY

FOR AGENCY USE L P H W C (1–5) CARD TYPE 2 0 (6–7) TRANS CODE A (8) 02 / 28 / 88 (9–14)

GENERAL INSTRUCTIONS

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Please print/type with elite type (12 characters per inch)

I. NON-REGULATED STATUS

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(15) 1 **No Hazardous Waste Shipped Off-Site**

(15) 2 **Small Quantity Generator**

(15) 3 **Exempt**

(15) 4 **Beneficial Use**

(15) 5 **Closed**

B. This installation's Non-Regulated Status is expected to apply:

(16) 6 ***For 1987 only, explain in Comment Section.***

(16) 7 **Permanently, explain in Comment Section.**

(16) 8 **Other, explain in Comment Section.**

II. REGULATED STATUS

See instructions for completing this and following sections.

III. GENERATOR'S USEPA I.D. NUMBER

(17–28) I L 0 0 5 1 3 0 0 0 0 0

IV. GENERATOR'S ILLINOIS I.D. NUMBER

(29–38) 0 4 3 8 0 0 0 0 0 2

V. NAME OF INSTALLATION

J. L. Clark Mfg. Company

VI. INSTALLATION MAILING ADDRESS

2300 Wisconsin Avenue

Street or P.O. Box

Downers Grove IL 60515

City or Town State Zip Code

VII. LOCATION OF INSTALLATION (if different than section VI above)

Street or Route number

City or Town State Zip Code

VIII. INSTALLATION CONTACT

DODSON, DEAN

Name (last and first)

312-969-6100

Phone No. (area code & no.)

This Agency is authorized to require this information under Illinois Revised Statutes, 1981, Chapter III-1/2, Sections 1004 and 1021 (f)(2). Disclosure of this information is required. Failure to do so may result in a civil penalty up to $25,000 for each day the failure continues, a fine up to $1,000,000.00 and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

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Print Type Name | Title | Signature of Authorized Representative | Date Signed

Page 0 0 1 (40–42) of ____

ILD 005 162 417 201 03051 26
GENERAL MANAGER
J. L. CLARK MANUFACTURING CO
P.O. BOX 7000
ROCKFORD IL
61125

DETACH HERE

50

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

50

This report is for the calendar year ending December 31, 1987 (cont.)

FOR AGENCY USE ONLY

FOR AGENCY USE L P H W C (1–5) CARD TYPE 5 0 (6–7) TRANS CODE A (8) 0 2 / 2 8 / 8 8 (9–14)

X. GENERATOR'S USEPA I.D. NO. I L 0 0 5 1 3 0 0 0 0 0 0 (18–29)

XI. GENERATOR'S ILLINOIS EPA I.D. NO. 0 4 3 8 0 0 0 0 0 2 (30–39)

XII. FACILITY'S USEPA I.D. NO. I L T 0 0 0 6 4 6 7 8 6 (41–52)

XIII. FACILITY'S ILLINOIS EPA I.D. NO. 0 3 1 1 7 4 0 0 0 2 (53–62)

XIV. FACILITY'S NAME / ADDRESS

Name: Motor Oil Refining Phone: 312 442-6166

Street (P.O. Box): 7601 W. 47th St. City: McCook State: IL Zip: 60525

XV. WASTE IDENTIFICATION

A. LINE NO. (63–66)	B. DESCRIPTION OF WASTE	C. USDOT Hazard Code (67–68)	D. RCRA HAZARDOUS WASTE NO. (see instructions) (69–72, 73–76, 77–80, 81–84)	E. AMOUNT OF WASTE (gallons only) (85–93)	F. DENSITY (lbs. / gal.) (94–96)
0001	Petroleum Oil Flammable Liquid UN1270	08	K049	450	7.0
0002	Petroleum Oil Flammable Liquid UN1270	08	K049	450	7.0
0003	Petroleum Oil Flammable Liquid UN1270	08	K049	495	7.0
0004	Petroleum Oil Flammable Liquid UN1270	08	K049	425	7.0
0005	Petroleum Oil Flammable Liquid UN1270	08	K049	300	7.0
0006					.
0007					.
0008					.
0009					.
0010					.

XVII. PAGE NUMBER (15–17)

50

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

50

This report is for the calendar year ending December 31, 1987 (cont.)

FOR AGENCY USE ONLY

FOR AGENCY USE LPHWC (1–5) CARD TYPE 50 (6–7) TRANS CODE A (8) 02 (9) / 28 / 88 (14)

X. GENERATOR'S USEPA I.D. NO. ILL00511300000 (18–29)

XI. GENERATOR'S ILLINOIS EPA I.D. NO. 0438000002 (30–39)

XII. FACILITY'S USEPA I.D. NO. WID008088224 (41–52)

XIII. FACILITY'S ILLINOIS EPA I.D. NO. 027811 (55–62)

XIV. FACILITY'S NAME / ADDRESS

Name Avganic Industries, Inc. Phone (608) 257-1414

114 N. Main Street (Street (P.O. Box)) Cottage Grove (City) WI (State) 53527 (Zip)

XV. WASTE IDENTIFICATION

A. LINE NO. (63–66)	B. DESCRIPTION OF WASTE	C. USDOT Hazard Code (67–68)	D. RCRA HAZARDOUS WASTE NO. (see instructions) (69–72)	(73–76)	(77–80)	(81–84)	E. AMOUNT OF WASTE (gallons only) (85–93)	F. DENSITY (lbs. / gal.) (94–96)
0001	Solvent-Flammable Liquid UN1263	08	F003				2715	6.5
0002	Solvent-Flammable Liquid UN1263	08	F003				2715	6.5
0003	Solvent-Flammable Liquid UN1263	08	F003				13715	6.5
0004	Solvent-Flammable Liquid UN1263	08	F003				13310	6.5
0005	Solvent-Flammable Liquid UN1263	08	F003				2715	6.5
0006	Solvent-Flammable Liquid UN1263	08	F003				2715	6.5
0007								.
0008								.
0009								.
0010								.

XVII. PAGE NUMBER 002 (15–17)

60

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

60

This report is for the calendar year ending December 31, 1987

FOR AGENCY USE ONLY

FOR AGENCY USE L P H W C (1–5) CARD TYPE 6 0 (6–7) TRANS CODE A (8) 0 2 / 2 8 / 8 8 (9–14)

X. GENERATOR'S USEPA I.D. NO. I L 0 0 5 1 3 0 0 0 0 0 (18–29)

XI. GENERATOR'S ILLINOIS EPA I.D. NO. 0 4 3 8 0 0 0 0 0 2 (30–39)

V./VI. GENERATOR'S NAME/ADDRESS

Name J. L. CLARK Phone (312) 969-6100

2300 Wisconsin Avenue (Street (P.O. Box)) Downers Grove (City) IL (State) 60515 (Zip)

XVIII. LIST OF TRANSPORTATION SERVICES (HAULERS) USED:

A. LINE NO. (61–64)	B. TRANSPORTER'S NAME / ADDRESS	C. TRANSPORTER'S USEPA I.D. NO. (95–106)	D. TRANSPORTER'S ILLINOIS EPA I.D. NO. (107–113)
0 0 0 1	Avganic Industries 114 N. Main St. Cottage Grove, WI 53527	W I 0 0 0 8 0 8 8 2 4	2 7 8 1 7
	Motor Oil Refining 7601 W. 47th St. McCook IL 60525	I L T 0 0 0 6 4 6 7 8 6	3 1 1 1 7

XVII. PAGE NUMBER (15–17)

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

This report is for the calendar year ending December 31, 1987

XVI. COMMENTS

Generator's USEPA I.D. No. I L 0 0 5 1 3 0 0 0 0 0

Generator's Illinois EPA I.D. No. 0 4 3 8 0 0 0 0 0 2

The minimization statement as described in the instructions, should be completed below.

The Downers Grove division of J. L. Clark Manufacturing Companys waste stream expanded in 1987, due to an increase in production volume. The waste program is divided between waste solvents and waste oil.

The waste solvents are fractionated with a 60% yield being sold by our suppliers either to us or to other solvent users. The balance of 40%, including the still bottoms, are blended and used as a secondary fuel. No still bottoms are used in land fill.

The solvent waste volume was up from 1510 gallons in 1986 to 1805 gallons in 1987. This was due to increased business levels. Efforts are presently underway to reduce the amount of coater clean ups, which will reduce the amount of solvent used.

The waste oil volume has also increased slightly, due to increased business. All used oil is sent to our supplier for recycling. The majority of the oil we purchase is from this source.

J.L. CLARK---DOWNERS GROVE DIV.
1988 HAZARDOUS WASTE SHIPMENTS

DATE	FACILITY	GALLONS	TYPE OF WASTE
02/18/88	AVGANIC	275	WASTE SOLVENTS
03/15/88	MORECO	400	WASTE OILS
04/20/88	AVGANIC	385	WASTE SOLVENTS
04/25/88	MORECO	200	WASTE OILS
06/14/88	AVGANIC	275	WASTE SOLVENTS
08/04/88	MORECO	1100	WASTE OILS
08/17/88	AVGANIC	330	WASTE SOLVENTS
08/24/88	MORECO	550	WASTE OILS
09/27/88	MORECO	1100	WASTE OILS
10/12/88	AVGANIC	330	WASTE SOLVENTS
11/15/88	MORECO	480	WASTE OILS
11/23/88	AVGANIC	275	WASTE SOLVENTS

WASTE SOVENTS ARE SHIPPED TO: AVGANIC INDUSTRIES
114 NORTH MAIN STREET
COTTAGE GROVE, WI 53527

WASTE OILS ARE SHIPPED TO: MOTOR OILS REFINING CO. (MORECO)
7601 W. 47th ST.
McCOOK, IL 60525

STATE OF WISCONSIN
Form 4400-66 Rev. 7-85
Chapter 144, Wis. Stats.

Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter. SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: I K D 0 0 5 1 3 0 0 0 0
Manifest Document No.: 3 9 7 8
2. Page 1 of

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
J. L. Clark
2300 Wisconsin Avenue
Downers Grove, IL 60515
4. Generator's Phone (312) 969-6100

A. State Manifest Document Number: WI 130652
B. State Generator's ID: IL04380300002

5. Transporter 1 Company Name: Avganic Ind.
6. US EPA ID Number: W I D 0 0 0 8 0 8 8 2 4
C. State Transporter's ID: 2066
D. Transporter's Phone: 608-257-1414

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
Avganic Ind., Inc.
114 North Main St.
Cottage Grove, IL 53527
10. US EPA ID Number: W I D 0 0 0 8 0 8 8 2 4
G. State Facility's ID: 02781
H. Facility's Phone: 608-257-1414

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. ~~[illegible]~~ WASTE PAINT RELATED MATERIAL FLAMMABLE LIQUIDS - UN1263	1	DM	[illegible]	G	F 0 0 3
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
Authorization number - 6855-R11810-66

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. Unless I am a small quantity generator who has been exempted by statute or regulation for the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also 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 I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment.

GENERATOR

Printed/Typed Name & Position Title: Jack Hynes - Shipping Clerk
Signature: [illegible]
Date (Month Day Year): [illegible]

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: [illegible]
Signature: [illegible]
Date (Month Day Year): [illegible]

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title
Signature
Date (Month 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 & Position Title: Chris Frey
Signature: Chris Frey
Date (Month Day Year): 02/08/88

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608-266-3232)
Outside Wisconsin (800-424-8802)

Copy Distribution: 1 — BSWM 4 — Facility
2 — Generator 5 — Generator
3 — BSWM 6 — Transporter

COPY 5

BSWM Copies 1 & 3 mail to Wis. DNR at above address

PO BOX 19275

(Form designed for use on elite (12-pitch) typewriter) EPA Form 8700-22 (Rev. 9-86) Form Approved OMB No. 2050-0039 Expires 9-30-8

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: 1-D-0-0-5-1-3-0-0-0-0 | Manifest Document No.: 4687

2. Page 1 of 1 | Information in the shaded areas is required by Federal law, but is required by Illinois law

3. Generator's Name and Mailing Address
J. L. CLARK
2300 WISCONSIN AVENUE DOWNERS GROVE, IL 60515

4. Generator's Phone (312) 969-6100

A. Illinois Manifest Document Number: IL 1961031

B. Illinois Generator's ID: 0 4 3 8 0 3 0 0 0

5. Transporter 1 Company Name: MOTOR OILS REFINING

6. US EPA ID Number: ILT000646786

C. Illinois Transporter's ID: 0 1 1

D. (312) 442-6166 Transporter's Phone

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. Illinois Transporter's ID:

F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address
MOTOR OILS REFINING
7601 W. 47TH STREET
MCCOOK, IL 60525

10. US EPA ID Number: ILT00646786

G. Illinois Facility's ID: 0 3 1 1 1 7 4 0 0 0

H. Facility's Phone: (312) 442-6166

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. Petroleum Oil Flammable Liquids UN1270	1	T T	00400	1	EPA HW Number: XX; Authorization Number: 00004
b.					EPA HW Number: XX; Authorization Number:
c.					EPA HW Number: XX; Authorization Number:
d.					EPA HW Number: XX; Authorization Number:

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above In Item # 14
1 = Gallons 2 = Cubic Yards

15. Special Handling Instructions and Additional Information

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: JACK HYNES | Signature: Jack Hynes | Date: Month Day Year: 3 15-8

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: GEORGE SCANLON | Signature: George Scanlon | Date: Month Day Year: 03 15 8

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: | Signature: | Date: 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: J. Lucek | Signature: J. Lucek | Date: Month Day Year: 03 15 8

GENERATOR / TRANSPORTER / FACILITY

IN ILLINOIS 217 / 782-3637 *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-2675

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 FACILITY PART - 4 TRANSPORTER PART - 5 IEPA PART - 6 GENERATOR

REV 7

GENERATOR COPY — PART 1-DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.

This Agency is authorized to require pursuant to Illinois Revised Statutes, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

Form 4400-66 Rev. 7-85
Chapter 144, Wis. Stats.

Department of Natural Resources
Bureau of Solid Waste Mgt
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter. SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: 3966
2. Page 1 of
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
J. L. Clark - Atlas Tube Division
2300 Wisconsin Ave. Downers Grove, IL 60515

4. Generator's Phone (312) 969-6100

A. State Manifest Document Number: WI 130659
B. State Generator's ID: 1104360300002

5. Transporter 1 Company Name: Avganic Ind.
6. US EPA ID Number: WID000808824
C. State Transporter's ID: 2066
D. Transporter's Phone: 608-257-1414

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
/Avganic Ind., Inc.
114 North Main St.
Cottage Grove, WI 53527

10. US EPA ID Number: WID000808824
G. State Facility's ID: 02781
H. Facility's Phone: 608-257-1414

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. SOLVENTS - NOS WASTE FLAMMABLE LIQUID PAINT RELATED MATERIAL - UN 1263	1	Dm		G	F003
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
AUTHORIZATION NUMBER - 6855R-12708-66

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. Unless I am a small quantity generator who has been exempted by statute or regulation for the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also 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 I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Printed/Typed Name & Position Title	Signature	Date (Month Day Year)
Jack Hynes - Shipping Clerk	[illegible]	[illegible]

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (Month Day Year)
[illegible]	[illegible]	[illegible]

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (Month Day Year)

19. Discrepancy Indication Space
correction Item 11a

20. FACILITY OWNER OR OPERATOR: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name & Position Title	Signature	Date (Month Day Year)
TERRY REYNOLDS	Terry Reynolds	4 2 08

GENERATOR

TRANSPORTER

FACILITY

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608-266-3232)
Outside Wisconsin (800-424-8802)

Copy Distribution: 1 — BSWM 4 — Facility
2 — Generator 5 — Generator
3 — BSWM 6 — Transporter

COPY 5

BSWM Copies 1 & 3 mail to Wis. DNR at above address.

EPA Form 8700-22 (Rev. 9-06)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: ILD005130000
Manifest Document No: 4757
2. Page 1 of
Information in the shaded areas is required by Federal law but is optional by Illinois law

3. Generator's Name and Mailing Address
J.L. CLARK
2300 Wisconsin Avenue Downers Grove, IL 60515
4. Generator's Phone (312) 969-6100

A. Illinois Manifest Document Number: IL 1961032
B. Illinois Generator's ID: 0 4 3 8 0 3 0 0 1

5. Transporter 1 Company Name
6. US EPA ID Number: ILT000646786
C. Illinois Transporter's ID: 0 1
D. (312) 442-6166 Transporter's Phc

7. Transporter 2 Company Name
8. US EPA ID Number
E. Illinois Transporter's ID
F. ( ) Transporter's Phc

9. Designated Facility Name and Site Address
Motor Oils Refining
7601 W. 47th Street
McCook, IL 60525
10. US EPA ID Number: ILT000646786
G. Illinois Facility's ID: 0 3 1 1 7 4 0 0
H. Facility's Phone: (312) 442-6166

GENERATOR

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. PETROLEUM OIL FLAMMMABLE LIQUIDS UN1270	1	T T	0 0 2 0 0	1	EPA HW Numb: X X; Authorization Nu: 0 0 0
b.					EPA HW Numb: X X; Authorization Nu:
c.					EPA HW Numb: X X; Authorization Nu:
d.					EPA HW Numb: X X; Authorization Nu:

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above In Item # 14
1 = Gallons 2 = Cubic Yarc

15. Special Handling Instructions and Additional Information

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 b economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present an 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 selec the best waste management method that is available to me and that I can afford.

Printed/Typed Name: JACK HYNES
Signature: Jack Hynes
Date (Month Day Y): 0 4 2 5 8

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: George Sepulveda
Signature: George Sepulveda
Date (Month Day Y): 0 4 2 5 8

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date (Month Day Y):

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: William J. Mix
Signature: William J. Mix
Date (Month Day Y): 0 4 2 5 8

ILLINOIS: 217 / 782-3637 "24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS" OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-267

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 FACILITY PART - 4 TRANSPORTER PART - 5 IEPA PART - 6 GENERATOR

GENERATOR COPY — PART 1-DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.

This Agency is authorized to require this form pursuant to Illinois Revised Statutes, Chapter 111½, Section 21. That this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $10,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

Form 4400-36 Rev. 7-85
Chapter 144, Wis. Stats.

Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter. SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. I L D 0 5 1 3 0 0 0 0
Manifest Document No. 3 9 7 8
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
J. L. Clark - Atlas Tube Div.
2300 Wisconsin Ave.
Downers Grove, IL 60515

4. Generator's Phone (312) 969-6100

A. State Manifest Document Number: WI 130675
B. State Generator's ID: IL04380300002

5. Transporter 1 Company Name: Avganic Ind.
6. US EPA ID Number: W I D 0 0 0 8 0 8 8 2 4
C. State Transporter's ID: 8066
D. Transporter's Phone: 608-257-1414

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
Avganic Ind., Inc.
114 North Main St.
Cottage Grove, WI 53527
10. US EPA ID Number: W I D 0 0 0 8 0 8 8 2 4
G. State Facility's ID: 02781
H. Facility's Phone: 608-257-1414

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. Solvents - NOS Paint Related Material - UN1263		DM		G	F003
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
Authorization number - 6855R-[redacted]-66
14530

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. Unless I am a small quantity generator who has been exempted by statute or regulation for the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also 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 I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Printed/Typed Name & Position Title: Jack Hynes - Shipping Clerk
Signature:
Date (Month Day Year):

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: MIKE [illegible] TRUCK DRIVER
Signature: [illegible]
Date (Month Day Year): [illegible]

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title:
Signature:
Date (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 & Position Title: TERRY REYNOLDS
Signature: Terry Reynolds
Date (Month Day Year): 6 [illegible] 88

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608-266-3232)
Outside Wisconsin (800-424-8802)

Copy Distribution: 1 — BSWM 4 — Facility
2 — Generator 5 — Generator
3 — BSWM 6 — Transporter
BSWM Copies 1 & 3 mail to Wis. DNR at above address

COPY 5

P.O. BOX 19276

UPC 62 8781

Please print or type (Form designed for use on elite (12 pitch) typewriter) EPA Form 8700-22 (Rev. 9-86) Form Approved. OMB No. 2050-0039, Expires 9-30-

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1 of | Information in the shaded areas is required by Federal law, but is requ by Illinois law.

3. Generator's Name and Mailing Address: JL CLARK, 2300 WISCONSIN AVE, DOWNERS GROVE 60515

A. Illinois Manifest Document Number: IL 2090504

4. Generator's Phone: 969-6100

B. Illinois Generator's ID: 0438030002

5. Transporter 1 Company Name: MORECO

6. US EPA ID Number: ILD000646786

C. Illinois Transporter's ID: 01

D. ( ) Transporter's Phol

7. Transporter 2 Company Name

8. US EPA ID Number

E. Illinois Transporter's ID

F. ( ) Transporter's Phor

9. Designated Facility Name and Site Address: MORECO, 7601 W 47th, McCOOK IL

10. US EPA ID Number: ILD000646786

G. Illinois Facility's ID: 0311740006

H. Facility's Phone: ( ) 312-442-

GENERATOR

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. WASTE WATER NON-HAZ	1	TT	01100		EPA HW Numbe XX Authorization Num 0000
b.					EPA HW Numbe XX Authorization Num
c.					EPA HW Numbe XX Authorization Num
d.					EPA HW Numbe XX Authorization Num

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above In Item # 14

1 = Gallons 2 = Cubic Yard

15. Special Handling Instructions and Additional Information

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: JACK HYNES | Signature: Jack Hynes | Date: Month 8 Day 4 Y

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JEFF DEYERLER | Signature: Jeff Deyerler | Date: Month 08 Day 04 Y

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Y

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: DAN JOHNSON | Signature: Dan Johnson | Date: Month 08 Day 04 Y

IN ILLINOIS: 217 / 782-3637 "24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS" OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-267

TION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 FACILITY PART - 4 TRANSPORTER PART - 5 IEPA PART - 6 GENERATOR

GENERATOR COPY — PART 1-DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.

cy is authorized to require, pursuant to Illinois Revised Statutes, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner of not to exceed $25,000 per day of violation. Falsification of the information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management

STATE OF WISCONSIN
Form 4400-06 Rev. 7-85
Chapter 144, Wis. Stats.

Mail Copies 1 & 3 To: State of Wisconsin, Department of Natural Resources, Bureau of Solid Waste Mgt., Box 8094, Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter. SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: IL D051300 0
Manifest Document No.: 49137
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
J.L. Clark - Atlas Tube Division
2300 Wisconsin Avenue
Downers Grove, IL. 60515
4. Generator's Phone ( )

A. State Manifest Document Number: WI 130661
B. State Generator's ID: ILD43803000002

5. Transporter 1 Company Name: AVGANIC, IND.
6. US EPA ID Number: WID008082824
C. State Transporter's ID: 2066
D. Transporter's Phone: (608)257-141

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
Avganic Industries, Inc.
114 N. Main St.
Cottage Grove, WI 53527
10. US EPA ID Number: WID008082824
G. State Facility's ID: 02781
H. Facility's Phone: (608) 257-1414

GENERATOR

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. Solvents - NOS WASTE Paint related material - UN1263	6	DM	330	G	F003
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
AUTHORIZATION NUMBER 6855-R-15498

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. Unless I am a small quantity generator who has been exempted by statute or regulation for the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also 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 I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Printed/Typed Name & Position Title: Jack Hynes - Shipping Clerk
Signature: Jack Hynes
Date (Month Day Year): 8 17 88

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: MIKE SWADER DRIVER
Signature: Mike Swader
Date (Month Day Year): 8 17 88

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title:
Signature:
Date (Month 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 & Position Title:
Signature:
Date (Month Day Year):

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608-266-3232)
Outside Wisconsin (800-424-8802)

Copy Distribution: 1 — BSWM 4 — Facility
2 — Generator 5 — Generator
3 — BSWM 6 — Transporter
BSWM Copies 1 & 3 mail to Wis. DNR at above address

COPY 1

PO Box 19275

Please print or type (Elite pica preferred) (Use black ink only)

EPA Form 8700-22 (Rev. 9-86)

Form Approved OMB No. 2050-0039 Expires 9-30-

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: ILD 005130000 | Manifest Document No: 4959

2. Page 1 of 1

Information in the shaded areas is required by Federal law but is requir by Illinois law

3. Generator's Name and Mailing Address
J. L. Clark
2300 Wisconsin Avenue, Downers Grove, IL. 60515

4. Generator's Phone (312) 969-6100

A. Illinois Manifest Document Number: IL 1961033

B. Illinois Generator's ID: 04 B B 0 B 0 0 0

5. Transporter 1 Company Name

6. US EPA ID Number: ILD000646786

C. Illinois Transporter's ID: 0 0 1

D. (312) 442-6166 Transporter's Phon

7. Transporter 2 Company Name

8. US EPA ID Number

E. Illinois Transporter's ID:

F. ( ) Transporter's Phon

9. Designated Facility Name and Site Address
Motor Oils Refining
7601 W. 47th St.
McCook, IL. 60525

10. US EPA ID Number: ILD000646786

G. Illinois Facility's ID: 0 B 0 0 7 4 0 0 0

H. Facility's Phone: (312) 442-6166

GENERATOR

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. PETROLEUM OILS NONFLAMMABLE LIQUIDS UN1270	0 0 1	T T	550	1	EPA HW Number XX Authorization Numb
b. NON HAZARDOUS					EPA HW Number XX Authorization Numb
c.					EPA HW Number XX Authorization Numb
d.					EPA HW Number XX Authorization Numb

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above In Item # 14
1 = Gallons 2 = Cubic Yards

15. Special Handling Instructions and Additional Information

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: JACK HYNES | Signature: Jack Hynes | Date: Month Day Ye 0 8 2 4 8

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Tom Cirka | Signature | Date: Month Day Ye 8 2 4 8

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Ye

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 | Date: Month Day Ye

IN ILLINOIS 217 / 782-3637 "24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS" OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-2675

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 FACILITY PART - 4 TRANSPORTER PART - 5 IEPA PART - 6 GENERATOR

REV 7

GENERATOR COPY — PART 1-DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.

This Agency is authorized to require, pursuant to Illinois Revised Statutes Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

PO BOX 1475 1400

EPA Form 8700-22 (Rev. 9-86)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: ILD005130000 | Manifest Document No:

2. Page 1 of 1 | Information in the shaded areas is required by Federal law, but is required by Illinois law

3. Generator's Name and Mailing Address: J. L. CLARK, 2300 WISCONSIN AVE, DOWNERS GROVE, IL 60515

4. Generator's Phone (312) 969-6100

A. Illinois Manifest Document Number: IL 1961034

B. Illinois Generator's ID: 043803000

5. Transporter 1 Company Name: MOTOR OILS REFINING

6. US EPA ID Number: ILD000646786

C. Illinois Transporter's ID: 011

D. (312) 442-6166 Transporter's Phone

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. Illinois Transporter's ID:

F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address: MORECO ENERGY, 7601 W 47th St, McCook, IL 60525

10. US EPA ID Number: J. L. CLARK, ATLAS ... DOWNERS ... ILD000646786

G. Illinois Facility's ID: 031174000

H. Facility's Phone: (312) 442-6166

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. PETROLEUM OILS + WATER Waste Oil + Water ~~FLAMMABLE LIQUIDS UN1270~~ Non Hazardous	1	TT	1100	GAL	EPA HW Number XX; Authorization Number 00004
b. Flashpt check >150°F Walter L. Starrick 9-27-88					EPA HW Number XX; Authorization Number
c.					EPA HW Number XX; Authorization Number
d.					EPA HW Number XX; Authorization Number

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above In Item #14: 1 = Gallons 2 = Cubic Yards

15. Special Handling Instructions and Additional Information

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.

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Printed/Typed Name: JACK HYNES | Signature: Jack Hynes | Date: Month Day Year 092788

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Tom Osiki | Signature: [signature] | Date: Month Day Year 9-28-88

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: | Signature: | Date: 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: Walter L. Starrick | Signature: Walter L. Starrick | Date: Month Day Year 092788

GENERATOR / TRANSPORTER / FACILITY

IN ILLINOIS: 217 / 782-3637 "24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS" OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-2675

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 FACILITY PART - 4 TRANSPORTER PART - 5 IEPA PART - 6 GENERATOR

REV 7

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STATE OF WISCONSIN
Form 4400-66 Rev. 7-85
Chapter 144, Wis. Stats.

Main Copies 1 & 5 to: State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter. SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: 1 0 0 0 9 1 3 0 0 0 0
Manifest Document No.: 9 0 3 0
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
J. L. Clark
2300 Wisconsin Avenue
Downers Grove, IL 60515
4. Generator's Phone (312) 969-6100

A. State Manifest Document Number: WI 130662
B. State Generator's ID: ILD43803000002
C. State Transporter's ID: 2066
D. Transporter's Phone: (608)257-1414
E. State Transporter's ID:
F. Transporter's Phone:
G. State Facility's ID: 02781
H. Facility's Phone: (608) 257-1414

5. Transporter 1 Company Name: Avganic Inc.
6. US EPA ID Number: W I D 0 0 0 0 8 0 8 8 2 4
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address
Avganic Industries, Inc.
114 N. Main Street
Cottage Grove, WI 53527
10. US EPA ID Number: W I D 0 0 0 0 8 0 8 8 2 4

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. Solvents - Nos FLAMMABLE LIQUID Waste Paint Related Material - UN1263		DM		G	F 0 0 3
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
Authorization Number - 6855R 16418

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. Unless I am a small quantity generator who has been exempted by statute or regulation for the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also 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 I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Printed/Typed Name & Position Title: Jack Hynes - Shipping Clerk
Signature:
Date: Month Day Year

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: [illegible]
Signature: [illegible]
Date: Month Day Year

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title:
Signature:
Date: Month Day Year

19. Discrepancy Indication Space
correction Item 11a

20. FACILITY OWNER OR OPERATOR: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name & Position Title: TERRY REYNOLDS
Signature: Terry Reynolds
Date: Month Day Year: 10 12 88

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608-266-3232)
Outside Wisconsin (800/[illegible])

Copy Distribution: 1 — BSWM 4 — Facility
2 — Generator 5 — Generator

2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761
P.O. BOX 19275

LPC 62 8/81 1512

Please print or type (Form designed for use on elite (12-pitch) typewriter) EPA Form 8700-22 (Rev. 9-86) Form Approved OMB No 2050-0039, Expires 9-30-

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD 005130000 | Manifest Document No.: 5108 | 2. Page 1 of 1 | Information in the shaded areas is required by Federal law, but is requ by Illinois law.

3. Generator's Name and Mailing Address: J. L. CLARK, 2300 WISCONSIN AVE. DOWNERS GROVE, IL 60504

A. Illinois Manifest Document Number: IL 1961036

4. Generator's Phone (312) 969-6100

B. Illinois Generator's ID: 0438030000

5. Transporter 1 Company Name: MOTOR OILS REFINING | 6. US EPA ID Number: ILT000646786

C. Illinois Transporter's ID: 011

D. (312) 442-6166 Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number

E. Illinois Transporter's ID

F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address: MORECO, 7601 W. 47th McCOOK | 10. US EPA ID Number: ILD000646786

G. Illinois Facility's ID: 0311740000

H. Facility's Phone: (312) 442-6166

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. PETROLEUM OILS NON FLAMMABLE LIQUIDS UN1270	1	TT	00480	1	EPA HW Number: XX; Authorization Number: 99833
b.					EPA HW Number: XX; Authorization Number:
c.					EPA HW Number: XX; Authorization Number:
d.					EPA HW Number: XX; Authorization Number:

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above In Item # 14
1 = Gallons 2 = Cubic Yard

15. Special Handling Instructions and Additional Information

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.

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Printed/Typed Name: JACK HYNES | Signature: Jack Hynes | Date: Month Day Year: 11 14 8

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: TOM OSIKA | Signature: [signature] | Date: Month Day Year: 11 14 8

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: 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: WILLIAM J. MIX | Signature: William J. Mix | Date: Month Day Year: 11 15 8

GENERATOR

TRANSPORTER

FACILITY

IN ILLINOIS 217 / 782-3637 *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-2675

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 FACILITY PART - 4 TRANSPORTER PART - 5 IEPA PART - 6 GENERATOR

REV 7

GENERATOR COPY — PART 1-DO NOT REMOVE PART 1 FROM SET UNTIL COMPLETED.

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STATE OF WISCONSIN
Form 4400-66 Rev. 7-85
Chapter 144, Wis. Stats.

Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter. SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD005130000
Manifest Document No. 05116
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
J. L. Clark
2300 Wisconsin Avenue
Downers Grove, Illinois 60515
4. Generator's Phone 312) 969-6100

A. State Manifest Document Number WI 130664
B. State Generator's ID ILD43803000002

5. Transporter 1 Company Name: Indianhead Truck Line
6. US EPA ID Number: MND006963118
C. State Transporter's ID 11348
D. Transporter's Phone 612-633-266

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
Avganic Industries
114 North Main Street
Cottage Grove, WI 53527
10. US EPA ID Number: WID000888824
G. State Facility's ID 02781
H. Facility's Phone 608) 257-1414

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. SOLVENTS - NON-FLAMMABLE LIQUID Waste Paint Related Material - UN1263	5	DM	275	G	F003
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
AUTHORIZED NUMBER 6855-R-17183

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. Unless I am a small quantity generator who has been exempted by statute or regulation for the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also 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 I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment.

GENERATOR

Printed/Typed Name & Position Title: Dean Dodson-Transportaion Manger
Signature
Date: Month 11 Day 23 Year 88

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: LaVern Packel driver
Signature: LaVern Packel
Date: Month 11 Day 23 Year 88

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title
Signature
Date: Month 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 & Position Title
Signature
Date: Month Day Year

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608-266-3232)
Outside Wisconsin (800-424-8802)

Copy Distribution: 1 — BSWM 4 — Facility
2 — Generator 5 — Generator
3 — BSWM 6 — Transporter
BSWM Copies 1 & 3 mail to Wis. DNR at above address.

COPY 2

J.L. CLARK---DOWNERS GROVE DIVISION

1988 SOLID WASTE AND REFUSE

MONTH	CUBIC YARDS
JANUARY	112
FEBRUARY	128.2
MARCH	142
APRIL	131
MAY	123
JUNE	136
JULY	112
AUGUST	149
SEPTEMBER	144
OCTOBER	148
NOVEMBER	125
DECEMBER	740

THE SOLID WASTE AND REFUSE GENERATED BY THIS DIVISION CONSISTS OF:

CORRUGATED BOARD AND CHIPBOARD---------	85.00%
PAPER AND PAPER PRODUCTS ---------	5.00%
TRASH CAN LINERS, PLASTIC BAGS---------	5.00%
DIRT AND REFUSE ---------	5.00%

THIS WASTE AND REFUSE IS HAULED AWAY BY ROT'S DISPOSAL SERVICE
P.O. BOX 0
DOWNERS GROVE, IL 60515

J.L. CLARK---DOWNERS GROVE DIV.
1988 ALUMINUM SCRAP SHIPMENTS

DATE	CLEAN	DECORATED
01/13/88	5,003	2,786
01/22/88	5,777	4,315
02/02/88	4,115	4,440
02/10/88	5,016	3,580
02/19/88	4,980	4,262
03/02/88	4,198	4,458
03/11/88	5,979	3,753
03/22/88	5,776	4,484
04/04/88	4,288	4,415
04/12/88	4,421	3,657
04/26/88	5,063	4,298
05/06/88	6,795	3,415
05/17/88	6,070	4,532
06/04/88	4,334	3,704
06/15/88	4,215	4,448
06/20/88	4,831	5,199
06/29/88	4,549	4,147
07/13/88	3,842	4,130
07/21/88	4,208	3,567
08/03/88	4,599	5,897
08/10/88	3,770	3,838
08/23/88	4,579	4,639
08/26/88	4,785	4,067
08/30/88	4,641	5,228
09/08/88	4,754	4,070
09/19/88	4,947	4,925
09/30/88	6,849	5,921
10/10/88	5,726	3,563
10/19/88	4,616	4,669
10/31/88	4,878	4,166
11/07/88	3,918	4,340
11/11/88	2,010	4,064
11/16/88	2,924	2,470
11/22/88	2,165	3,351
12/09/88	4,814	4,452
12/15/88	3,238	4,020
12/21/88	3,334	2,850
TOTAL LBS.	170,007	154,120

324,127 LBS.

THIS ALUMINUM SCRAP IS SOLD TO
MAHZEL METALS
325 N. ELIZABETH ST.
CHICAGO, IL 60607

J.L. CLARK--DOWNERS GROVE DIV.
MATERIALS USED IN EXCESS OF 10,000 LBS.
1988

ITEM	MAX AMOUNT
- ALUMINUM ALLOY--PRODUCTION METAL	300,000 LBS.
- ANTIMONIAL LEAD--PRODUCTION METAL	50,000 LBS.
- HANNA 3784A WHITE TUBE ENAMEL	7,000 LBS. (1.64)
- SHERWIN WILLIAMS G72-WC-18 WHITE ENAMEL	6,000 LBS. (11.53 lb/gal)
- 660 SOLVENT	3,000 LBS. (7.02)
CORRUGATED BOARD ok	18,000 LBS.
CHIPBOARD ok	35,000 LBS.
PARTITIONS ok	11,000 LBS.
CAPS AND CLOSURES ok	19,000 LBS.

ALL OF THE ABOVE ITEMS ARE ALWAYS IN OUR INVENTORY. IT IS NOT POSSIBLE TO FIGURE OUT HOW LONG EACH WAS IN USE IN OUR FACILITY DUE TO THE FACT THAT WE ALWAYS HAVE INCOMING AND OUTGOING MATERIALS IN THESE INVENTORIES.

STATE OF WISCONSIN
Form 4400-66 Rev. 7/85
Chapter 144, Wis. Stats.

Mail Copies 1 & 3 To: State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter. SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: 5781
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
J. L. CLARK
2300 WISCONSIN AVE.
DOWNERS GROVE, IL 60515
4. Generator's Phone: (708) 969-6100

A. State Manifest Document Number: WI 130669
B. State Generator's ID: ILD 43803000002

5. Transporter 1 Company Name: AVGANIC IND
6. US EPA ID Number: WID008088224
C. State Transporter's ID: 2066
D. Transporter's Phone:

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
AVGANIC INDUSTRIES
114 N. MAIN ST.
COTTAGE GROVE, WI 53527
10. US EPA ID Number: WID008088224
G. State Facility's ID: 02781
H. Facility's Phone: (608) 257-1414

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. ~~SOLVENT~~ WASTE-PAINT RELATED MATERIALS FLAMMABLE LIQUID UN 1263	5	DM	275	G	F003
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
AUTHORIZATION NUMBER 6855R2492B

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. Unless I am a small quantity generator who has been exempted by statute or regulation for the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also 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 I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment.

GENERATOR

Printed/Typed Name & Position Title: DEAN DODSON-TRAFFIC MANAGER
Signature: Dean Dodson
Date (Month Day Year): 11 16 90

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: MIKE SWEDER DRIVER
Signature: Mike Sweder
Date (Month Day Year): 01 17 90

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title:
Signature:
Date (Month 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 & Position Title:
Signature:
Date (Month Day Year):

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608-266-3232)
Outside Wisconsin (800-424-8802)

Copy Distribution: 1 — BSWM 4 — Facility
2 — Generator 5 — Generator
3 — BSWM 6 — Transporter

STATE OF WISCONSIN
Form 4400-66 Rev. 7-85
Chapter 144, Wis. Stats.

Mail Copies 1 & 3 To: State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter. SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD00S13000

Manifest Document No.: 5866

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
J. L. Clark
2300 Wisconsin Ave.
Downers Grove, IL 60515

4. Generator's Phone

A. State Manifest Document Number: WI 130655

B. State Generator's ID: ILD 43803000002

5. Transporter 1 Company Name: Avganic Industries

6. US EPA ID Number: WID000088824

C. State Transporter's ID: 2066

D. Transporter's Phone

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
Avganic Industries
114 N Main St.
Cottage Grove, WI 53527

10. US EPA ID Number: WID000088824

G. State Facility's ID: 02781

H. Facility's Phone: (608) 257-1414

GENERATOR

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. Waste Solvent - paint related materials flammable liquid UN1263	5		275	G	F003
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
Auth# 6855-R-26137

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. Unless I am a small quantity generator who has been exempted by statute or regulation for the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also 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 I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Printed/Typed Name & Position Title	Signature	Date (Month Day Year)
William Pruyne - Shipping Supervisor		03 21 90

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (Month Day Year)
[illegible]	[illegible]	[illegible]

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (Month 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 & Position Title	Signature	Date (Month Day Year)
Terry Holbrook	[illegible]	[illegible]

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608-266-3232)
Outside Wisconsin (800-424-8802)

Copy Distribution: 1 — BSWM 4 — Facility
2 — Generator 5 — Generator
3 — BSWM 6 — Transporter
BSWM Copies 1 & 3 mail to Wis. DNR at above address.

COPY 5

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN

Chapter 144, Wis. Stats.
Form 4400-66 Rev. 3-89

State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-3

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: 6 0 9 1
2. Page 1 of
Information in the shaded ar is not required by Federal la

3. Generator's Name and Mailing Address
J. L. Clark
2300 Wisconsin Ave.
Downers Grove, IL 60515

4. Generator's Phone (708) 969-6100

A. State Manifest Document Number: WI H 12726
B. State Generator's ID: ILD43803000002

5. Transporter 1 Company Name: Avganic Industries
6. US EPA ID Number: WID000808824
C. State Transporter's ID: 2066
D. Transporter's Phone

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
Avganic Industries
114 W. Main St.
Cottage Grove, WI 53527
10. US EPA ID Number: WID000808824
G. State Facility's ID: 02781
H. Facility's Phone: (608) 257-1414

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. Flammable Liquid Waste Solvent - paint-related materials UN1263	7	DM	385	G	F00
b. Waste Petroleum Naptha - Combustible Liquid UN1255	2	DM	110	G	D00
c.					
d.					

J. Additional Descriptions for Materials Listed Above
Authorization Numbers:
12734R-27976 6855R-27977

K. Handling Codes for Wastes Listed Abo

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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.

GENERATOR

Printed/Typed Name & Position Title: William Pruyne - Shipping Supervisor
Signature
Date: Month 06 Day 12 Y 9

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title
Signature
Date: Month 06 Day 12 Y 9

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title
Signature
Date: Month Day Y

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 & Position Title: Jeffrey Hellwick
Signature
Date: Month 06 Day 13 Y 9

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Genera
6 — Transporter retain
Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 5 — FACILITY SEND TO GENERATOR

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN

Chapter 144, Wis. Stats.
Form 4400-66 Rev. 3-89

State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-30

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: 62291
2. Page 1 of 1
Information in the shaded area is not required by Federal law

3. Generator's Name and Mailing Address
J. L. CLARK
2300 WISCONSIN AVE.
DOWNERS GROVE, IL 60515

4. Generator's Phone (708) 969-6100

A. State Manifest Document Number: WIH 12728
B. State Generator's ID: ILD43803000002

5. Transporter 1 Company Name: Avganic Industries
6. US EPA ID Number: WID000808824
C. State Transporter's ID: 2066
D. Transporter's Phone:

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
Avganic Industries
114 N. Main St.
Cottage Grove, WI 53527

10. US EPA ID Number: WID000808824
G. State Facility's ID: 02781
H. Facility's Phone: (608) 257-1414

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. WASTE SOLVENT - FLAMMABLE LIQUID PAINT RELATED MATERIALS - UN1263	7	DM	00245	G	F 0 0
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
AUTH. NO. 6855R30308

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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 & Position Title: WILLIAM PRUYNE - SHIPPING SUPV.
Signature: [signature]
Date: Month 01 Day 24 Year 1

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: JOHN A WEBER DRIVER
Signature: John A Weber
Date: Month 01 Day 24 Year 1

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title:
Signature:
Date: 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 & Position Title: Jeffrey H. Hunck
Signature: [signature]
Date: Month 01 Day 21 Year 2

GENERATOR / TRANSPORTER / FACILITY

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Generator
6 — Transporter retain
Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 6 — FACILITY SEND TO GENERATOR

PRESS HARD — YOU ARE WRITING THROUGH 6 COPIES

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN
Chapter 144, Wis. Stats.
Form 4400-66 Rev. 3-89

State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONL

Please print or type. Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9

GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD005130000

Manifest Document No. 6 2 9 5

2. Page 1 of

Information in the shaded a is not required by Federal l

3. Generator's Name and Mailing Address
J. L. CLARK
2300 WISCONSIN AVE.
DOWNERS GROVE, IL 60515

4. Generator's Phone (708) 969-6100

A. State Manifest Document Number WIH 12729

B. State Generator's ID ILD 43803000002

5. Transporter 1 Company Name AVGANIC INDUSTRIES

6. US EPA ID Number WID000808824

C. State Transporter's ID 2066

D. Transporter's Phone 608-257

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
AVGANIC INDUSTRIES
114 N. MAIN ST.
COTTAGE GROVE, WI 53527

10. US EPA ID Number WID000808824

G. State Facility's ID 02781

H. Facility's Phone (608) 257-1414

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. WASTE SOLVENT - FLAMMABLE LIQUID PAINT RELATED MATERIALS-UN1263	6	DM	00330	G	F 0 0
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
AUTH. NO. 6855 [redacted]R31869

K. Handling Codes for Wastes Listed Ab

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by prope shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to ap plicable international and national governmental regulations and according to the requirements of the Wisconsin Department of Natural Re sources. If I am a large quantity generator, I also certify that I have a program in place to reduce the volume and toxicity of waste generated to th degree I have determined to be economically practicable and I have selected the practicable method of treatment, storage, or disposal currentl 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 & Position Title: WILLIAM PRUYNE - SHIPPING SUPV.
Signature: [signature]
Date: Month Day 11 2 19

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: JOHN A WEBER DRIVER
Signature: John A Weber
Date: Month Day 11 2 19

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title
Signature
Date: Month Day

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 & Position Title
Signature
Date: Month Day

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62.8/81 IL532-0610

FOR SHIPMENT OF HAZARDOUS INFECTIO AND SPECIAL WASTE

PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) **EPA Form 8700-22 (Rev. 9-86)** Form Approved. OMB No. 2050-0039. Expires 9-30-9

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD005130000 Manifest Document No. 5848

2. Page 1 of 1

Information in the shaded areas is r required by Federal law, but is requir by Illinois law

3. Generator's Name and Mailing Address: J.L. CLARK, 2300 WISCONSIN AVE, DOWNERS GROVE, IL 60515

Location If Different:

4. Generator's Phone (708) 969-6100

A. Illinois Manifest Document Number: IL 3068215 MANIFEST FEE EXEMP

B. Illinois Generator's ID: 0438030000

5. Transporter 1 Company Name: SAFETY CLEAN - CHICAGO

6. US EPA ID Number: NYD 982276644

C. Illinois Transporter's ID: 232

D. (716) 855-2311 Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. Illinois Transporter's ID

F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address: BRESLUBE, 601 RILEY RD, INDIANA

10. US EPA ID Number: IND077042034

G. Illinois Facility's ID: 918089000

H. Facility's Phone: (219) 397-1131

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. PETROLEUM OILS, WATER, NON FLAMMABLE LIQ. UN 1270	1	TT	00700	G	EPA HW Number XX; Authorization Number
b.					EPA HW Number XX; Authorization Number
c.					EPA HW Number XX; Authorization Number
d.					EPA HW Number XX; Authorization Number

RECEIVED MAR 5 1990 J. L. CLARK ATLAS DOWNERS GROVE

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above In Item # 14

1 = Gallons 2 = Cubic Yards

15. Special Handling Instructions and Additional Information

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: BILL PRUYNE - SHIPPING SUPERVISOR Signature: [signature] Date: 030590

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JOHN PYTLIK Signature: John Pytlik Date: 030590

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name Signature Date

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: John J. Tomczak Jr. Signature: [signature] Date: 030690

This Agency is authorized to require, pursuant to Illinois Revised Statutes, Chapter 111½, Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

COPY 1. TSD MAIL TO GENERATOR

SAFETY-KLEEN CORP.
STATE PRESCRIBED FORM

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF HAZARDOUS INFECTIOUS AND SPECIAL WASTE

NOTE: FORM DESINGED TO PRINT 8 LINES PER INCH

EPA Form 8700-22 (6-89)

Form Approved. OMB No. 2050-0039 Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: 14508

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address: J. L Clark, 2300 Wisconsin, Downers Grove
Location If Different:

4. Generator's Phone: (708) 969-6100

A. Illinois Manifest Document Number: IL 5057761 — MANIFEST FEE PAID

B. Illinois Generator's ID: 0438030002

5. Transporter 1 Company Name: SAFETY-KLEEN OIL SVC
6. US EPA ID Number: NYD982276644

C. Illinois Transporter's ID: 2322

D. Transporter's Phone: 708 529-5745

7. Transporter 2 Company Name:
8. US EPA ID Number:

E. Illinois Transporter's ID:

F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address: SAFETY-KLEEN R.C, 1500 E. Villa St, Elgin IL 60120
10. US EPA ID Number: ILD000805911

G. Illinois Facility's ID: 0314380002

H. Facility's Phone: (708) 697-1842

GENERATOR

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. USED oil (Not USDOT Haz Material) (Not USEPA Haz Waste)	001	TT	00500	1	EPA HW Number: XX; Authorization Number: 000254
b. USED oily water (Not USDOT Haz Material) (Not USEPA Haz. Waste)	001	TT	00800	1	EPA HW Number: XX; Authorization Number: 000254
c.					EPA HW Number: XX; Authorization Number:
d.					EPA HW Number: XX; Authorization Number:

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above in Item #14
1 = Gallons 2 = Cubic Yards

15. Special Handling Instructions and Additional Information
Cust# 5-034-71 - ~~2261~~ 1155 DP# 14508 SK# 17989096 SKDOT# 1124

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: Verie Wheat — Signature: Verie Wheat — Date (Month Day Year): 060190

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Scott McConnaughay — Signature: Scott McConnaughay — Date (Month Day Year): 060190

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: [redacted] — Signature: [redacted] — Date (Month Day Year): ~~060190~~

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: Bradley S. Stojan — Signature: Bradley S. Stojan — Date (Month Day Year): 060190

This Agency is authorized to require, pursuant to Illinois Revised Statutes, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

COPY 1. TSD MAIL TO GENERATOR

SAFETY-KLEEN CORP.
STATE PRESCRIBED FORM

P O BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF HAZARDOUS, INFECTIOUS AND SPECIAL WASTE

NOTE: FORM DESINGED TO PRINT 8 LINES PER INCH

EPA Form 8700-22 (6-89)

Form Approved OMB No. 2050-0039 Expires 9-30-9

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD005130000 Manifest Document No. 14376

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address: J L CLARK, 2300 WISCONSIN, DOWNERS GROVE IL 60515

Location If Different:

4. Generator's Phone (708) 969-6100

A. Illinois Manifest Document Number: IL 5065223 MANIFEST FEE PAID

B. Illinois Generator's ID: 0438030002

5. Transporter 1 Company Name: SAFETY-KLEEN OIL SVC

6. US EPA ID Number: IND982276644

C. Illinois Transporter's ID: 23212

D. Transporter's Phone: 708 529-5745

7. Transporter 2 Company Name

8. US EPA ID Number

E. Illinois Transporter's ID

F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address: S-K ELGIN R-C, 1500 E. Villa St, ELGIN IL 60120

10. US EPA ID Number: ILD000805911

G. Illinois Facility's ID: 0314380001

H. Facility's Phone: 708 697-1824

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. USED OIL (Not USDOT Haz. Material) (Not USEPA Haz. WASTE)	001	TT	00550	1	EPA HW Number: XX; Authorization Number: 000254
b. USED OILY WATER (Not USDOT Haz. Material) (Not USEPA Haz WASTE)	001	TT	01100	1	EPA HW Number: XX; Authorization Number: 000254
c.					EPA HW Number: XX; Authorization Number:
d.					EPA HW Number: XX; Authorization Number:

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above in Item #14

1 = Gallons 2 = Cubic Yards

15. Special Handling Instructions and Additional Information

SK# 1918294

5-034-71-1155 PP# B14376 SKDOT# 1124

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: Versie Wheat — Signature: Versie Wheat — Date (Month Day Year): 07 26 90

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Scott McGonaughey — Signature: Scott McGonaughey — Date (Month Day Year): 07 26 90

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date (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: Bradley S. Stojan — Signature: Bradley S. Stojan — Date (Month Day Year): 07 26 90

GENERATOR — TRANSPORTER — FACILITY

This Agency is authorized to require, pursuant to Illinois Revised Statutes, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

COPY 1. TSD MAIL TO GENERATOR

STATE OF ILLINOIS — ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

SAFETY-KLEEN CORP. STATE PRESCRIBED FORM — P.O. BOX 19276 — SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 — State Form LPC 62 8/81 IL532-0610 — FOR SHIPMENT OF HAZARDOUS INFECTIO AND SPECIAL WASTE

NOTE: FORM DESINGED TO PRINT 8 LINES PER INCH — EPA Form 8700-22 (6-89) — Form Approved OMB No. 2050-0039 Expires 9-30-

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000 — Manifest Document No: 24545
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address — Location If Different:
J. L. CLARK
2300 WISCONSIN AVE
DOWNERS GROVE IL. 60515

4. Generator's Phone: (708) 969-6100

A. Illinois Manifest Document Number: IL 5077342 — MANIFES FEE PAID

B. Illinois Generator's ID: 0438030003

5. Transporter 1 Company Name: SAFETY-KLEEN OIL SVC
6. US EPA ID Number: NYD982276644
C. Illinois Transporter's ID: 12321
D. Transporter's Phone: 708 529-5745

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. Illinois Transporter's ID:
F. Transporter's Phone: ( )

9. Designated Facility Name and Site Address:
SAFETY-KLEEN CORP
1500 E. Villa St
ELGIN IL 60120
10. US EPA ID Number: ILD000805911
G. Illinois Facility's ID: 0314380001
H. Facility's Phone: 708 697-1824

GENERATOR

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. USED OIL (Not USDOT Hazardous Material) (Not USEPA Hazardous WASTE)	001	TT	00500	1	EPA HW Number: XX; Authorization Number: 00025
b. USED OILY WATER (Not USDOT Hazardous Material) (Not USEPA Hazardous WASTE)	001	TT	00300	1	EPA HW Number: XX; Authorization Number: 00025
c.					EPA HW Number: XX; Authorization Number:
d.					EPA HW Number: XX; Authorization Number:

J. Additional Descriptions for Materials Listed Above

SEP 17 1990 CLARK OIL TUBE DIV

K. Handling Codes for Wastes Listed Above in Item #14
1 = Gallons 2 = Cubic Yards

15. Special Handling Instructions and Additional Information
SK# 19700913
5-034-71-1155 PP# B24545 SKDOT# 1124

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: Verjie Wheat — Signature: Verjie Wheat 8/30/90 — Date (Month Day Year): 083090

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Scott McMonagle — Signature: Scott McMonagle — Date (Month Day Year): 083090

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date (Month 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: JoAnn Rapier — Signature: JoAnn Rapier — Date (Month Day Year): 083090

This Agency is authorized to require, pursuant to Illinois Revised Statutes, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

COPY 1. TSD MAIL TO GENERATOR

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

...TY-KLEEN CORP. ...ATE PRESCRIBED FORM P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 State Form LPC 62 8/81 IL532-0610 FOR SHIPMENT OF HAZARDOUS, INFECTIOUS AND SPECIAL WASTE.

...RM DESIGNED TO PRINT 8 LINES PER INCH EPA Form 8700-22 (6-89) Form Approved. OMB No. 2050-0039 Expires 9-30-91

...NIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130004 Manifest Document No.: 232746

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address: J. L. Clark, 2000 Wisconsin, Downers Grove IL 60515 Location If Different:

4. Generator's Phone (708) 967-6100

A. Illinois Manifest Document Number: IL5102783

B. Illinois Generator's ID

C. Illinois Transporter's ID

D. 708-57...

5. Transporter 1 Company Name: SAFETY KLEEN OIL S/C

6. US EPA ID Number: NYD982276614

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designed Facility Name and Site Address: SAFETY KLEEN CORP, 1500 E. ... St, Elgin IL 60120

10. US EPA ID Number: ILD000805911

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. USED OIL (Not USDOT Hazardous Material) (Not USEPA Hazardous Waste)	001	TT	00500	1
b. USED OIL WATER (Not USDOT Hazardous Material) (Not USEPA Hazardous Waste)	001	TT	00600	1
c.				
d.				

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

5-034 71-1155 PP# 232746 SK DOT # 1124

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: X [illegible] 10/9/90 Signature: X [illegible] 10/9/90 Date: Month 10 Day 09 Year 90

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Scott McConnaughay Signature: Scott McConnaughay Date: Month 10 Day 09 Year 90

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name Signature Date: 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 Signature Date: Month Day Year

GENERATOR

In case of a spill call the Illinois Office of Emergency Response at 217/782-3637 and the National Response Center at 800/424-8802 or 202/426-2675.

...his Agency is authorized to require, pursuant to Illinois Revised Statutes, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or ...perator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

COPY 5. GENERATOR MAIL TO IEPA

STATE OF ILLINOIS ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

SAFETY-KLEEN CORP
STATE PRESCRIBED FORM

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761
State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF HAZARDOUS, INFECTIOU AND SPECIAL WASTE

NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH

EPA Form 8700-22 (6-89)

Form Approved OMB No. 2050-0039 Expires 9-30-9

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000 Manifest Document No.: 232746

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address: J. L. Clark, 2300 Wisconsin, Downers Grove Il 60515

Location If Different:

4. Generator's Phone (708) 969-6100

A. Illinois Manifest Document Number: IL5102783 MANIFEST FEE PAID

B. Illinois Generator's ID: 0438030002

5. Transporter 1 Company Name: SAFETY-KLEEN OIL SVC

6. US EPA ID Number: NY0982276644

C. Illinois Transporter's ID: Z322

D. Transporter's Phone: 708 529-5745

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. Illinois Transporter's ID:

F. ( ) Transporter's Phone:

9. Designed Facility Name and Site Address: SAFETY-KLEEN CORP, 1500 E. Villa St, Elgin Il 60120

10. US EPA ID Number: ILD000805911

G. Illinois Facility's ID: 0314380001

H. Facility's Phone: 708 697-1824

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. USED OIL (Not USDOT Hazardous Material) (Not USEPA Hazardous Waste)	001	TT	00500	1	EPA HW Number: XX; Authorization Number: 000254
b. USED OILY WATER (Not USDOT Hazardous Material) (Not USEPA Hazardous Waste)	001	TT	00600	1	EPA HW Number: XX; Authorization Number: 000254
c.					EPA HW Number: XX; Authorization Number:
d.					EPA HW Number: XX; Authorization Number:

J. Additional Descriptions for Materials Listed Above

SK# 20516886

K. Handling Codes for Wastes Listed Above in Item #14

1 = Gallons 2 = Cubic Yards

15. Special Handling Instructions and Additional Information

5-034-71-1155 PP# 232746 SKDOT# 1124

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: X Verjie Wheat 10/9/90 Signature: X Verjie Wheat 10/9/90 Date: Month 10 Day 09 Year 90

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Scott McConnaughay Signature: Scott McConnaughay Date: Month 10 Day 09 Year 90

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: Signature: Date: Month Day Year

17

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: Karen L. Morris Signature: Karen L. Morris Date: Month 10 Day 09

This Agency is authorized to require, pursuant to Illinois Revised Statutes, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Manage

COPY 1. TSD MAIL TO GENERATOR

STATE OF ILLINOIS

SAFETY-KLEEN CORP. STATE PRESCRIBED FORM P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF HAZARDOUS, INFECTIOU AND SPECIAL WASTE

NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH

EPA Form 8700-22 (6-89)

Form Approved OMB No 2050 0039 Expires 9-30-9

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000 — Manifest Document No.: 753708

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address — Location If Different:
J. L. Clark
2300 Wisconsin
Downers Grove, IL 60515

4. Generator's Phone (708)969-6100

A. Illinois Manifest Document Number: IL 5108788 — MANIFEST FEE PAID

B. Illinois Generator's ID: 0438030002

5. Transporter 1 Company Name: Safety Kleen Oil Services

6. US EPA ID Number: ILD051060408

C. Illinois Transporter's ID: 11 23

D. (708) 697-5745 529 Transporter's Phone

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. Illinois Transporter's ID:

F. ( ) Transporter's Phone

9. Designed Facility Name and Site Address:
Safety Kleen Corp
1500 E. Villa St.
Elgin, IL 60120

10. US EPA ID Number: ILD000805911

G. Illinois Facility's ID: 0314380001

H. Facility's Phone: (708) 708 697 - 1824

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. Used Oil (Not USDOT Hazardous Material) (Not USEPA Hazardous M Waste)	001	TT	00700	1	EPA HW Number: XX; Authorization Number: 000254
b.					EPA HW Number: XX; Authorization Number:
c.					EPA HW Number: XX; Authorization Number:
d.					EPA HW Number: XX; Authorization Number:

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above in Item #14
1 = Gallons 2 = Cubic Yards

15. Special Handling Instructions and Additional Information: 5-034-71-1155 PP #753708 SKDOT 1073

SK#21805742

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: Vergie Wheat — Signature: Vergie Wheat — Date: Month 11 Day 19 Year 90

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Scott McConnaughey — Signature: Scott McConnaughey — Date: Month 11 Day 19 Year 90

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Date: 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: Karen L. Morris — Signature: Karen L. Morris — Date: Month 11 Day 19 Year 90

GENERATOR — TRANSPORTER — FACILITY

This Agency is authorized to require, pursuant to Illinois Revised Statutes, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center

COPY 1. TSD MAIL TO GENERATOR

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN
Chapter 144, Wis. Stats.
Form 4400-66 Rev. 3-89

State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-

GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD005130000

Manifest Document No. 6295

2. Page 1 of

Information in the shaded ar is not required by Federal la

3. Generator's Name and Mailing Address
J. L. CLARK
2300 WISCONSIN AVE.
DOWNERS GROVE, IL 60515

4. Generator's Phone (708) 969-6100

A. State Manifest Document Number WI H 12729

B. State Generator's ID ILD 43803000002

5. Transporter 1 Company Name AVGANIC INDUSTRIES

6. US EPA ID Number WID000808824

C. State Transporter's ID 2066

D. Transporter's Phone 608-25714

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
AVGANIC INDUSTRIES
114 N. MAIN ST.
COTTAGE GROVE, WI 53527

10. US EPA ID Number WID000808824

G. State Facility's ID 02781

H. Facility's Phone (608) 257-1414

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. WASTE SOLVENT - FLAMMABLE LIQUID PAINT RELATED MATERIALS-UN1263	6	DM	00330	G	F 0 0
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
AUTH. NO. 6855 [redacted]R31869

K. Handling Codes for Wastes Listed Abo

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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 & Position Title: WILLIAM PRUYNE - SHIPPING SUPV.
Signature: [signature]
Date: Month Day Yea 11 21 9

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: JOHN A WEBER DRIVER
Signature: John A Weber
Date: Month Day Yea 11 21 9

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title
Signature
Date: Month Day Yea

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 & Position Title
Signature
Date: Month Day Yea

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Generato
6 — Transporter retain

Copies 1 & 3 mail to Wis. DNR at above address.

...nowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor ... or duplicate, covering the property named herein, and is intended solely for filing or record.

CARRIER

SHIPPER'S NO. 6511

AGENT'S NO.

...ations and tariffs in effect on the date of the issue of this Bill of Lading,

...mer products group

AT **DOWNERS GROVE, ILLINOIS** DATE -16 19

...w, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contra ... corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operatio ... another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any ... ...y service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accept ...signs.

CONSI... D TO Avganic Industries

DESTINATION 114 N. Main St. Cottage Grove, WI 53527

ROUTING

ORDER NO.

DELIVERING CARRIER

VEHICLE OR CAR INITIAL 1114 NO. T 24

COLLECT ON DELIVERY

$_____ and remit to: _____

Street City State

C.O.D. CHARGE TO BE PAID BY { SHIPPER [CONSIGNEE [

NO. PKGS.	DESCRIPTION OF ARTICLES, SPECIAL MARKS AND EXCEPTIONS	* WEIGHT (SUB. TO COR.)	CLASS OR RATE	CK. COL.
	TUBES, COLLAPSIBLE, METAL, OTHER THAN LEAD ALLOY			
	Drums waste plant related materials and waste naptha			
	flammable liquid, UN1263			
	This is to certify that the above listed materials			
	are properly classified, described, marked, labeled,			
	packaged, and are in proper condition for transportation			
	according to the applicable rules by the Department			
	of Transportation			

Subject to Section 7 of conditions, if this shipment is t ... delivered to the consignee without recourse on ... consignor, the consignor shall sign the following statem ...

The carrier shall not make delivery of this shipment wi ... payment of freight and all other lawful charges.

(Signature of Consignor)

If charges are to be prepaid, write or stamp her ... be Prepaid."

Received $_____ to ap ... prepayment of the charges on the property des ... hereon.

Agent or Cashier

PER

(The signature here acknowledges only the amount pr ...

Charges Advanced: $

*If the shipment moves between two parts by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."

NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

†"The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of Rule 5 of the Consolidated Motor Freight Classifications."

J.L.CLARK
a member of the CLARCOR consumer products group

SHIPPER, PER

AGENT, PER

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

Permanent address of shipper, 2300 WISCONSIN AVE. DOWNERS GROVE, ILLINOIS 60515

CORP
SCRIBED FORM P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761
State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF HAZARDOUS, INFECTIOUS AND SPECIAL WASTE.

201
DESIGNED TO PRINT 8 LINES PER INCH

EPA Form 8700-22 (6-89)

Form Approved. OMB No. 2050-0039 Expires 9-30-91

UNIFORM ~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000 | Manifest Document No.: 14100

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address: J. L. Clark, 2300 Wisconsin, Downers Grove Il 60515 — Location If Different:

4. Generator's Phone (708) 969-6100

A. Illinois Manifest Document Number: IL 5129545 — MANIFEST FEE PAID

B. Illinois Generator's ID: 0438030002

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.

6. US EPA ID Number: ILD 051060408

C. Illinois Transporter's ID: 1123

D. (708) 529-5745 Transporter's Phone

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. Illinois Transporter's ID:

F. ( ) Transporter's Phone

9. Designed Facility Name and Site Address: SAFETY-KLEEN CORP. 1500 VILLA STREET, RR 1 ELGIN, IL 60120

10. US EPA ID Number: 0-006-24 ILD 000805911

G. Illinois Facility's ID: 0314380001

H. Facility's Phone: (708) 697-1824

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. USED OIL (NOT USDOT HAZARDOUS MATERIAL) (NOT USEPA HAZARDOUS WASTE)	001	TT	01000	1	EPA HW Number: XXA; Authorization Number: 000225 4
b.					EPA HW Number: XX; Authorization Number:
c.					EPA HW Number: XX; Authorization Number:
d.					EPA HW Number: XX; Authorization Number:

J. Additional Descriptions for Materials Listed Above: SK# 2771-2298

K. Handling Codes for Wastes Listed Above in Item #14: 1 = Gallons 2 = Cubic Yards

15. Special Handling Instructions and Additional Information

EMERGENCY RESP# 1-708-888-4660 (24 HR)
5-034-71-1155 PP# B14100 SKDOT# A: 1073 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: Verjie Wheat — Signature: Verjie Wheat — Date: Month 05 Day 17 Year 91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Scott McConnaughay — Signature: Scott McConnaughay — Date: Month 05 Day 17 Year 91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

Lin I S/B000254

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name: Karen L. Morris — Signature: Karen L. Morris — Date: Month 05 Day 17 Year 91

GENERATOR / TRANSPORTER / FACILITY

This Agency is authorized to require, pursuant to Illinois Revised Statutes, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

FORM 8700-22 TO GENERATOR

Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

...pe. Form designed for use on elite (12-pitch)
...E INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: 6511
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
J.L. CLARK
2300 WISCONSIN AVENUE
DOWNERS GROVE, IL 60515

4. Generator's Phone (708) 969-6100

A. State Manifest Document Number: WI 130653
B. State Generator's ID: ILD 43803000002

5. Transporter 1 Company Name: AVGANIC INDUSTRIES
6. US EPA ID Number: WID000808824
C. State Transporter's ID: 2066
D. Transporter's Phone: 608 257-1414

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
AVGANIC INDUSTRIES
114 N. MAIN ST.
COTTAGE GROVE, WI 53527

10. US EPA ID Number: WID000808824
G. State Facility's ID: 02781
H. Facility's Phone: (608) 257-1414

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. ~~WASTE SOLVENT - FLAMMABLE LIQUID~~ WASTE PAINT RELATED MATERIALS-UN1263 [illegible] F003	007	DM	[illegible]	G	F003
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
[illegible]
AUTH. NO. 6855R 36661

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. Unless I am a small quantity generator who has been exempted by statute or regulation for the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also 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 I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Printed/Typed Name & Position Title: WILLIAM PIRSINE - SHIPPING SUPV.
Signature: [signature]
Date: Month Day Year [illegible]

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: [illegible] DRIVER
Signature: [signature]
Date: Month Day Year [illegible]

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title:
Signature:
Date: 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 & Position Title: STEVE NORTON
Signature: [signature]
Date: Month Day Year 5-17-01

GENERATOR

TRANSPORTER

FACILITY

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608-266-3232)
Outside Wisconsin (800-424-8802)

Copy Distribution: 1 — BSWM 4 — Facility
2 — Generator 5 — Generator
3 — BSWM 6 — Transporter
BSWM Copies 1 & 3 mail to Wis. DNR at above address.

COPY 1

SEE I[illegible] MEMORANDUM

CARRIER

[illegible]ject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading

J.L. CLARK

[illegible]er of the CLARCOR consumer product group

DOWNERS GROVE, ILLINOIS

[illegible] property described below, in apparent good order, [illegible] otherwise to deliver to another carrier on the route to said destination. It is [illegible] said property that every service to be performed hereunder shall be subject to all [illegible] for himself and his assigns.

CONSIGNED TO AVGANIC INDUSTRIES

DESTINATION 1151 N. MAIN STREET COTTAGE GROVE, [illegible]

ROUTING

DELIVERING CARRIER VEHICLE OR CAR INITIAL

COLLECT ON DELIVERY

$ and remit to:

Street City

NO. PKGS.	DESCRIPTION OF ARTICLES, SPECIAL MARKS AND EXCEPTIONS	WEIGHT	SUBJECT TO CORR.	CLASS OR RATE
	~~TUBES, COLLAPSIBLE, METAL, OTHER THAN LEAD, NOT~~			
7	DRUMS - WASTE PAINT RELATED MATERIALS			
	FLAMMABLE [illegible]			
	THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED			
	MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED			
	PACKAGED, MARKED AND LABELED, AND ARE IN PROPER			
	CONDITION FOR TRANSPORTATION ACCORDING TO THE			
	RULES AND REGULATIONS OF THE DOT			

*If the shipment moves between two points by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight"

†The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of Rule 5 of the Consolidated Motor Freight Classifications.

NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding per

The signature here acknowledges only the amount prepaid

Charges Advanced $

J.L. CLARK

a member of the CLARCOR consumer products group

SHIPPER, PER B. [illegible]

AGENT, PER [illegible]

Permanent address of shipper, 2300 WISCONSIN AVE. DOWNERS GROVE, ILLINOIS 60515

Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.

3

SIDE OF COPY 6.

STATE OF
Chapter 144, Wis

HAZARDOUS
WASTE

Generator's EPA ID No.

Waste Manifest Document Number
H 12731

Transporter 2 Company Name | B. US EPA ID Number | E. State Transporter's ID
F. Transporter's Phone

9. Facility Name and Site Address | 10. US EPA ID Number | G. State Facility's ID

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

WASTE [redacted] FLAMMABLE LIQUID [redacted]	007	D001	0	F003
[redacted] RELATED MATERIALS UN1263				
5.				
6.				
7.				

J. Additional Descriptions for Materials Listed Above | K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

AUTHORIZATION [illegible]

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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 & Position Title: BILL HRUNEK | Signature | Date: Month 1 Day 03 Year 91

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials | Date

Printed/Typed Name & Position Title: MIKE SWADER DRIVER | Signature | Date: Month 10 Day 24 Year 91

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials | Date

Printed/Typed Name & Position Title | Signature | Date: Month 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 & Position Title | Signature | Date: Month Day Year

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete

Copy Distribution: 1 — Generator send to Wis. DNR; 2 — Generator retain; 3 — Facility send to Wis. DNR; 4 — Facility retain; 5 — Facility send to Generator; 6 — Transporter retain

Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 2 — GENERATOR RETAIN

...order, except as ... of the property ... route to ... ed hereunder shall be ...

...VIC INDUSTRIES

DESTINATION ... N. MAIN STREET

ROUTING

DELIVERING CARRIER

VEHICLE OR CAR INITIAL

COLLECT ON DELIVERY

$ _____ and remit to: _____

Street

City

NO. PKGS.	DESCRIPTION OF ARTICLES, SPECIAL MARKS AND EXCEPTIONS	WEIGHT (BULK)	CLASS	
	TUBES, COLLAPSIBLE, METAL, OTHER THAN LEAD ALLOY			
4	Drums - WASTE PAINT RELATED ...			
	[illegible]			
	[illegible]			
	[illegible]			
	[illegible]			
	[illegible]			
	[illegible]			
	[illegible]			

PER _____

(The signature here acknowledges only the amount prepaid.)

Charges Advanced: $

...of the shipment moves between two ports by a carrier by water, the law requires ... that the bill of lading shall state whether it is carrier's or shipper's weight.

NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding ... per ...

The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of Rule 5 of the Consolidated Motor Freight Classifications.

J.L. CLARK

a member of the CLARCOR consumer products group

SHIPPER, PER [illegible]

Permanent address of shipper 2300 WISCONSIN AVE. DOWNERS GROVE, ILLINOIS 60515

[illegible] Dave Rimmel

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

3

...SIDE OF COPY 6.

...OF WISCONSIN

State of Wisconsin

10-89

...orm designed for use on elite (12-pitch) t...

...UNIFORM HAZARDOUS WASTE MANIFEST

1. Ge...

...Name and Mailing Address
...CLARK
...BOD WISCONSIN AVE

...Generator's Phone (708) 969-61...

5. Transporter 1 Company Name
AVGANIC

...000000004

D. Transporter's Phone (60...

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
AVGANIC INDUSTRIES
114 N. MAIN ST...
COTTAGE GROV...

10. US EPA ID Number

G. State ...

11. US DOT Description (Includin...

a. WASTE SOLVENT PA...

b.

c.

d.

J. Additional Descriptions for Materials Listed Above

K. Handling Code

15. Special Handling Instructions and Additional Information

AUTH NO: 6855R 37383

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurate... ...ribed above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transpor... ...ghway according to applicable international and national governmental regulations and according to the requirements of the Wisconsin ...rtment of Natural Resources. If I am a large quantity generator, I also certify that I have a program in place to reduce the volume and tox... ...waste generated to the degree I have determined to be economically practicable and I have selected the practicable method of treatment, ...ge, 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 & Position Title	Signature	Date (Month Day Year)
BILL PRUYNE	B. Pruyne	06 20 91

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (Month Day Year)
DAVE RIMMERT DRIVER	Dave Rimmert	06 20 91

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (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 & Position Title	Signature	Date (Month Day Year)

GENERATOR

TRANSPORTER

...orm 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Generator
6 — Transporter retain

...ncy 24 Hour Assistance Telephone Number
...nsin (608) 266-3232
...Wisconsin (800) 424-8802

Copies 1 & 3 mail to Wis. DNR at above address.

COPY 2 — GENERATOR RETAIN

P O BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF HAZARDOUS, INFECTIO AND SPECIAL WASTE. 78

NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH. **EPA Form 8700-22 (Rev. 6-89)** Form Approved. OMB No. 2050-0039, Expires 9-30-

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000 | Manifest Document No.: 06076 | 2. Page 1 of 1 | Information in the shaded areas is n required by Federal law, but required by Illinois law.

3. Generator's Name and Mailing Address / Location If Different:
J.L. Clark
2300 Wisconsin Ave., Downers Grove, IL 60515

4. Generator's Phone(708) 969-6100

A. Illinois Manifest Document Number: IL4306076 MANIFEST FEE PAID

B. Illinois Generator's ID: 0438030002

5. Transporter 1 Company Name: Ozinga Transportation Systems | 6. US EPA ID Number: ILD982067175

C. Illinois Transporter's ID: 1070

D. (708)388-6257 Transporter's Phon

7. Transporter 2 Company Name | 8. US EPA ID Number

E. Illinois Transporter's ID

F. ( ) Transporter's Phon

9. Designated Facility Name and Site Address
Peoria Disposal Company #1
4349 Southport Rd.
Peoria, IL 61615

10. US EPA ID Number: ILD000305812

G. Illinois Facility's ID: 1488120003

H. Facility's Phone: (309 676-4893

GENERATOR

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, Solid, N.O.S. ORM-E NA9189(D008, Lead)	1	DT	10	2	EPA HW Number: XX D008; Authorization Number: 910054
b.					EPA HW Number: XX; Authorization Number:
c.					EPA HW Number: XX; Authorization Number:
d.					EPA HW Number: XX; Authorization Number:

RECEIVED MAR 15 1991 J. L. CLARK, ATLAS TUBE DIV. DOWNERS GROVE, ILL.

J. Additional Descriptions for Materials Listed Above
a. Brick contaminated with lead

K. Handling Codes for Wastes Listed Above In Item # 14
1 = Gallons 2 = Cubic Yards

15. Special Handling Instructions and Additional Information
Emergency Contact # 708-969-6100

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: William Pruyne | Signature: William Pruyne | Date (Month Day Year): 03 07 91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Scott Busse | Signature: Scott Busse | Date (Month Day Year): 03 07 91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date (Month 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: Curtis Dailey | Signature: Curtis Dailey | Date (Month Day Year): 03 07 91

This Agency is authorized to require, pursuant to Illinois Revised Statutes, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

COPY 1. TSD MAIL TO GENERATOR

Peoria Disposal Company
SCALE TICKET

Scale No. 118232

P.O. Box 9071
Peoria, IL 61612-9071
(309) 688-0760

Permit [illegible] PAINT WITH LEAD

Customer [illegible]

Schedule ____ Load no. ____

Hauler 55 [illegible]

Job Type D DISPOSAL

Prod Cd. H HAZARDOUS WASTE

MANIFEST

Manifest [illegible] Quantity 10 Unit Meas Y Rejected Units ____

LABORATORY

Color RED Penetrom ____ Paint Filter ____ Ph 9.5

SCALE

Time In 1:39 PM Wt. In 41100 Time Out 2:32 PM Wt. Out 28960

03 07 91 Net Wt. 12140 6.07T

CHARGES

			Extra charges: Count	Description	Amt
Per Load Charge	$	.			
Per Ton Charge	$	.			
Per Yard Charge	$	.	____		$ ____.__
Per Gallon Charge	$	.	____		$ ____.__
Per Barrel Charge	$	.	____		$ ____.__
Per Sack Charge	$	.	____		$ ____.__
			____		$ ____.__
Total Extra Charges	$	.			$.
Total Charges	$	.			

Cash Received $ ____00

Truck Id 28 ____ Driver Signature: ____

CUSTOMER COPY

CONSIGNED TO

DESTINATION 714 N. MAIN

ROUTING

DELIVERING CARRIER

COLLECT ON DELIVERY

$ _____ and remit to: _____

Street City State

NO. PKGS.	DESCRIPTION OF ARTICLES, SPECIAL MARKS AND EXCEPTIONS	* WEIGHT (SUB. TO COR.)	CLASS OR RATE	CK. COL
5	~~TUBES, COLLAPSIBLE, METAL, OTHER THAN LEAD ALLOY~~			
	DRUMS WASTE PAINT RELATED MATERIALS			
	FLAMMABLE LIQUID UN1263			
	THE ABOVE MATERIAL IS PROPERLY LABELED			
	CLASSIFIED DESCRIBED AND IN PROPER CONDITION			
	FOR TRANSPORTATION.			

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."

NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

†"The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of Rule 5 of the Consolidated Motor Freight Classifications."

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $ _____ to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

PER _____

(The signature here acknowledges only the amount prepaid.)

Charges Advanced: $

J.L. CLARK
a member of the CLARCOR consumer products group

SHIPPER, PER Bill Pye

AGENT, PER

Permanent address of shipper, 2300 WISCONSIN AVE. DOWNERS GROVE, ILLINOIS 60515

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

3

GENERATOR

b.

c.

d.

J. Additional Descriptions for Materials Listed Above

AUTH. NO: 68SSR 3435
EMERGENCY CONTACT (708) 969-6100

K.

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. Unless I am a small quantity generator who has been exempted by statute or regulation for the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also 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 I have selected the method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Printed/Typed Name & Position Title	Signature	Date (Month Day Year)
BILL PHUYNE - SHIPPING SUPV.	Bill Phuyne	02 22 91

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (Month Day Year)
MIKE SWADER DRIVER	Mike Swader	02 22 91

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (Month 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 & Position Title	Signature	Date (Month Day Year)

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608-266-3232)

Copy Distribution: 1 — BSWM 4 — Facility
2 — Generator 5 — Generator
3 — BSWM 6 — Transporter

COPY 1

BSWM Copies 1 & 3 mail to Wis. DNR at above

P.O. BOX 19276 , SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610

PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) **EPA Form 8700-22 (Rev. 9-88)** Form Approved.OMB No. 2050-0039

UNIFORM ~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No.: NON-HAZARDOUS

Manifest Document No.

2. Page 1 of

Information in the shaded areas is n required by Federal law, but is require by Illinois law.

3. Generator's Name and Mailing Address — Location If Different
J. L. CLARK
2300 WISCONSIN AVENUE
DOWNERS GROVE, IL 60515

4. Generator's Phone (708) 969-6100

A. Illinois Manifest Document Number: IL 3743322 Fee Paid. Applicac

B. Illinois Generator's ID: 0 4 3 8 0 3 0 0 0

5. Transporter 1 Company Name: BEAVER OIL CO. INC.

6. US EPA ID Number

C. Illinois Transporter's ID: 0 0 1

D. (708) 354-4040 Transporter's Phon

7. Transporter 2 Company Name

8. US EPA ID Number

E. Illinois Transporter's ID

F. ( ) Transporter's Phon

9. Designated Facility Name and Site Address
BEAVER OIL CO. INC.
6037 LENZI AVENUE
HODGKINS, IL 60525

10. US EPA ID Number

G. Illinois Facility's ID: 0 3 1 1 2 6 0 0 0

H. Facility's Phone: (708) 354-4040

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. USED PETROLEUM OILS, WATER, COOLANTS NON-HAZARDOUS	001	T	01320	1	EPA HW Number XX; Authorization Number 0 0 0 24
b. ~~USED PETROLEUM OILS, WATER, COOLANTS, NON-HAZARDOUS COMBUSTIBLE LIQUID, NA1270~~					EPA HW Number XX; Authorization Number 0 0 0 1 5
c.					EPA HW Number XX; Authorization Number
d.					EPA HW Number XX; Authorization Number

J. Additional Descriptions for Materials Listed Above
ITEM A HAS A FLASH POINT ABOVE 200°F
ITEM B HAS A FLASH POINT BETWEEN 141°F - 200°F
EPA CLASSIFICATION FOR ITEM A & B IS NON-HAZARDOUS

K. Handling Codes for Wastes Listed Above in Item # 14
1 = Gallons 2 = Cubic Yards

15. Special Handling Instructions and Additional Information

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: Kim S. Riesche — Signature: Kim S. Riesche — Date: Month Day Year 07 17 9

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: John A Werchman — Signature: [signature] — Date: Month Day Year 07 17 9

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: 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: Pat Elsbury — Signature: Pat Elsbury — Date: Month Day Year 07 17 9

This Agency is authorized to require, pursuant to Illinois Revised Statutes, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center

COPY 1. TSD MAIL TO GENERATOR COPY

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN

Chapter 144, Wis. Stats.
Form 4400-66P 10-89

State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-3(

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: 203503
2. Page 1 of 1
Information in the shaded are is not required by Federal lav

3. Generator's Name and Mailing Address
J. L. CLARK
2300 WISCONSIN AVE
DOWNERS GROVE, IL 60515
4. Generator's Phone (708) 969-6100

A. State Manifest Document Number: WI J203503
B. State Generator's ID: ILD 438030000 02

5. Transporter 1 Company Name: AVGANIC
6. US EPA ID Number: WID000808824
C. State Transporter's ID: 2066
D. Transporter's Phone: (608) 257-1

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
AVGANIC
114 N. MAIN ST.
COTTAGE GROVE, WI
10. US EPA ID Number: WID008088 24
G. State Facility's ID: 02781
H. Facility's Phone: (608) 257-1414

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. WASTE (FLAMMABLE LIQUID) PAINT RELATED MATERIALS UN1263 F003	005	DM	00275	G	F003
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
68558 - 45578

K. Handling Codes for Wastes Listed Abo

15. Special Handling Instructions and Additional Information
EMERGENCY CONTACT
708-969-6100

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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 & Position Title: BILL HUYNE - SHIPPING MGR
Signature:
Date: Month 04 Day 22 Y 9

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: MIKE SWADER DRIVER
Signature:
Date: Month 04 Day 22 Y 9

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title
Signature
Date: Month Day Y

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 & Position Title
Signature
Date: Month Day Y

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Gener
6 — Transporter retain
Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

P.O. BOX 19276 , SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610

PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) **EPA Form 8700-22 (Rev. 9-88)** Form Approved OMB No. 2050-0039

UNIFORM ~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No.: NON-HAZARDOUS
Manifest Document No.
2. Page 1 of
Information in the shaded areas is n required by Federal law, but is requir by Illinois law

3. Generator's Name and Mailing Address
Location If Different
J.L. CLARK
2300 WISCONSIN AVENUE
DOWNERS GROVE, IL 60515

4. Generator's Phone (708) 969-6100

A. Illinois Manifest Document Number: IL 3743411 Fee Paid. Applicab

B. Illinois Generator's ID: 0 4 3 8 0 3 0 0 0

5. Transporter 1 Company Name: BEAVER OIL CO INC
6. US EPA ID Number: ILD064418353

C. Illinois Transporter's ID: 0 0 1

D. (708) 354-4040 Transporter's Phon

7. Transporter 2 Company Name
8. US EPA ID Number

E. Illinois Transporter's ID

F. ( ) Transporter's Phon

9. Designated Facility Name and Site Address
BEAVER OIL CO INC
6037 LENZI AVENUE
HODGKINS, IL 60525
10. US EPA ID Number: ILD064418353

G. Illinois Facility's ID: 0 3 1 1 2 6 0 0 0

H. Facility's Phone: (708) 354-4040

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. WASTE WATER NON-HAZARDOUS	001	TT	019001		EPA HW Number XX Authorization Numb 00024
b.					EPA HW Number XX Authorization Numb
c.					EPA HW Number XX Authorization Numb
d.					EPA HW Number XX Authorization Numb

J. Additional Descriptions for Materials Listed Above
ITEM A HAS A FLASH POINT ABOVE 140°F
EPA CLASSIFICATION FOR ITEM A IS NON-HAZARDOUS

K. Handling Codes for Wastes Listed Above in Item # 14
1 = Gallons 2 = Cubic Yards

15. Special Handling Instructions and Additional Information
JOB FOR:

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.

GENERATOR

Printed/Typed Name: James G. Murawski Jr. Signature: James G. Murawski Jr. Date (Month Day Year): 03029

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Philip Fournier Sr Signature: Philip Fournier Sr Date (Month Day Year): 03029

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Date (Month 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: PAT Elsbury Signature: Pat Elsbury Date (Month Day Year): 03029

This Agency is authorized to require, pursuant to Illinois Revised Statutes, Chapter 111½ Section 21, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator of not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center

COPY 1. TSD MAIL TO GENERATOR COPY

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN
Chapter 144, Wis. Stats.
Form 4400-66P
10-89

RECEIVED
FEB 12 1992
CLARK TUBE DIVISION
DOWNERS GROVE, ILL

State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter. Form Approved. OMB No. 2050-0039. Expires 9-

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: 68173
2. Page 1 of 1
Information in the shaded ar is not required by Federal la

3. Generator's Name and Mailing Address: J. L. CLARK, 2300 WISCONSIN AVE. DOWNERS GROVE, IL
4. Generator's Phone: (708) 969-6100 EMERGENCY CONTACT

A. State Manifest Document Number: WI J203510
B. State Generator's ID: ILD 438030000002

5. Transporter 1 Company Name: AVGANIC
6. US EPA ID Number: WID008088024
C. State Transporter's ID: 2066
D. Transporter's Phone: 608-257-1

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: AVGANIC, 114 N. MAIN ST. COTTAGE GROVE, WI
10. US EPA ID Number: WID008088024
G. State Facility's ID: 02781
H. Facility's Phone: (608) 257-1414

GENERATOR

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. WASTE FLAMMABLE LIQUID PAINT RELATED MATERIALS UN1263 F003	006	DM	00330	G	F003
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above: 6855R-43375
K. Handling Codes for Wastes Listed Abo

15. Special Handling Instructions and Additional Information

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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 & Position Title: BILL PRUNE - SHIPPING MGR
Signature: B. Prune
Date: Month 01 Day 23 Y 9

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: MIKE SWADER DRIVER
Signature: Mike Swader
Date: Month 01 Day 23 Y 9

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title
Signature
Date: Month Day Y

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 & Position Title
Signature
Date: Month Day Y

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Generat
6 — Transporter retain

Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 2 — GENERATOR RETAIN

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN

Chapter 144, Wis. Stats.
Form 4400-66P 10-89

State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: 2039019
2. Page 1 of 1
Information in the shaded ar is not required by Federal la

3. Generator's Name and Mailing Address: J.L. CLARK 2300 WISCONSIN AVE DOWNERS GROVE, IL 60515
4. Generator's Phone: (708) 969-6100

A. State Manifest Document Number: WI 1203509
B. State Generator's ID: ILD 438030000 2

5. Transporter 1 Company Name: AVGANIC
6. US EPA ID Number: WID000808824
C. State Transporter's ID: 2066
D. Transporter's Phone: (608) 257-

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: AVGANIC 114 MAIN ST. COTTAGE GROVE, WI
10. US EPA ID Number: WID008808824
G. State Facility's ID: 00781
H. Facility's Phone: (608) 257-1414

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. WASTE (FLAMMABLE LIQUID) UN 1263 PAINT RELATED MATERIALS F003	005	DM	00275	G	F001
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above: 6855H 48156

K. Handling Codes for Wastes Listed Abo

15. Special Handling Instructions and Additional Information: EMERGENCY CONTACT 708-969-6100

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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.

GENERATOR — Printed/Typed Name & Position Title: BILL HUYNE SHIPPING MGR — Signature: [signature] — Date: Month 08 Day 20 Ye 9

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: MIKE SNADER DRIVER — Signature: [signature] — Date: Month 08 Day 20 Ye 9

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: — Signature: — Date: Month Day Ye

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 & Position Title: — Signature: — Date: Month Day Ye

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Generat
6 — Transporter retain
Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

STATE OF ILLINOIS ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF HARDOUS AND SPECIAL WASTE

NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH. EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039, Expires 9-30-

UNIFORM ~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. | 2. Page 1. of | Information in the shaded areas is not required by Federal law, but is required by Illinois Law.

3. Generator's Name and Mailing Address — Location If Different:
J L CLARK
2300 WISCONSIN AVE
DOWNERS GROVE IL 60515

4. * 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS * (708) 969-6100

A. Illinois Manifest Document Number: IL 4679887 — Fee Paid, Applicable

B. Illinois Generator's ID: 0 4 3 8 0 3 0 0 0

5. Transporter 1 Company Name: BEAVER OIL CO., INC. — 6. US EPA ID Number: ILD064418353

C. Illinois Transporter's ID: 0 0 1 4

D. (708 354-4040) Transporter's Phone

7. Transporter 2 Company Name — 8. US EPA ID Number

E. Illinois Transporter's ID

F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address:
BEAVER OIL CO., INC.
6037 LENZI AVENUE
HODGKINS, IL 60525

10. US EPA ID Number: ILD064418353

G. Illinois Facility's ID: 0 3 1 1 2 6 0 0 0 1

H. Facility's Phone: (708 354-4040

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. NON-HAZARDOUS LIQUID (PETROLEUM OILS, WATER)	001	TY	001155	G	EPA HW Number: XX; Authorization Number: 0 0 0 [illegible]
b. ~~COMBUSTIBLE LIQUID, NA1992 (PETROLEUM OILS, WATER)~~					EPA HW Number: XX; Authorization Number: ~~0 0 0 [illegible]~~
c.					EPA HW Number: XX; Authorization Number:
d.					EPA HW Number: XX; Authorization Number:

J. Additional Descriptions for Materials Listed Above
ITEM A HAS A FLASH POINT ABOVE 200°F
~~ITEM B HAS A FLASH POINT BETWEEN 141°F - 200°F~~
EPA CLASSIFICATION FOR ITEM A & B IS NON-HAZARDOUS

K. Handling Codes for Wastes Listed Above In Item # 14
G = Gallons Y = Cubic Yards

15. Special Handling Instructions and Additional Information

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 anf 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: RAPHAEL FRAUSTO JR. — Signature: Raphael Frausto Jr — Date: Month 10 Day 08 Year 92

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed / Typed Name: DENNIS HOBART — Signature: [signature] — Date: Month 10 Day 08 Year 92

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed / Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hardous materials covered by this manifest except as noted in item 19.

Printed / Typed Name: CHRISTINE LYMAN — Signature: Christine Lyman — Date: Month 10 Day 08 Year 92

GENERATOR — TRANSPORTER — FACILITY

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

SAFETY KLEEN

DATE	MANIFEST	QUANTITY	ITEM
06/23/93	IL5377567	75	MINERAL SPIRITS
09/20/93	IL5324905	77	MINERAL SPIRITS
12/16/93	IL5335944	76	MINERAL SPIRITS

BEAVER OIL

DATE	MANIFEST	QUANTITY	ITEM
09/23/93	IL4808467	700	WASTE OILY WATER
07/21/93	IL410753	1100	WASTE OILY WATER

HYDRITE

DATE	MANIFEST	QUANTITY	ITEM
01/04/93	WIJ203512	440	WASTE SOLVENT
03/29/93	WIJ203511	330	WASTE SOLVENT
10/13/93	WIJ203507	330	WASTE SOLVENT

WASTE RESEARCH

DATE	MANIFEST	QUANTITY	ITEM
12/21/93	WIJ203506	330	WASTE SOLVENT

SET ENVIRONMENTAL

DATE	MANIFEST	QUANTITY	ITEM
10/26/93	IL4878265	55	WASTE INK
10/26/93	IL4878265	55	WASTE ADHESIVE

SAFETY-KLEEN CO. STATE PRESCRIBE RM P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE.

5-034-01

NOTE: FORM DESINGED TO PRINT 8 LINES PER INCH

EPA Form 8700-22 (6-89)

Form Approved. OMB No. 2050-0039 Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: 45824
2. Page 1 of 1
Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address — Location if Different:
J L CLARK
2300 WISCONSIN
DOWNERS GROVE, ~~SEL~~ IL. 60515

4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* 708-969-6100

A. Illinois Manifest Document Number: IL 5377567 MANIFEST FEE PAID

B. Illinois Generator's ID: 0438030002

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD984908202 ~~ILD 051060408~~

C. Illinois Transporter's ID: 1123

D. Transporter's Phone: 708 468-6510

7. Transporter 2 Company Name:
8. US EPA ID Number:

E. Illinois Transporter's ID:

F. Transporter's Phone:

9. Designed Facility Name and Site Address:
SAFETY-KLEEN CORP.
6050 EAGLE AVE
PORTAGE, IN 46368

10. US EPA ID Number: 5-034-06
IND 000714428

G. Illinois Facility's ID: 9181279469

H. Facility's Phone: (219 763-4554

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. COMBUSTIBLE LIQUID, N. O. S. (PETROLEUM NAPHTHA) NA1993 PGIII (NOT USEPA HAZARDOUS WASTE)(ERG#27)	005	DM	00075	G	EPA HW Number: XXXX; Authorization Number:
b.					EPA HW Number: XX; Authorization Number:
c.					EPA HW Number: XX; Authorization Number:
d.					EPA HW Number: XX; Authorization Number:

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above in Item #14
G = Gallons Y = Cubic Yards

15. Special Handling Instructions and Additional Information
EMERGENCY RESP# 1-708-888-4660 (24 HR)
5-034-01-9457 SKDOT# A: 557 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 Illinois 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: X [illegible] Y [illegible]
Signature: X [signature]
Date: Month 06 Day 29 Year 93

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: John J Klbecka
Signature: [signature]
Date: Month 06 Day 29 Year 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

19. Discrepancy Indication Space
LINE 3 CORRECTED TO READ DOWNERS GROVE, IL 60515
LINE 6 SHOULD READ ILD984908202

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:
Date: Month Day Year

GENERATOR — TRANSPORTER — FACILITY

This Agency is authorized to require, pursuant to Illinois Revised Statutes 1989, Chapter 111½ Sections 1004 and 102, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

IL00238 COPY 6. GENERATOR COPY

SAFETY-KLEEN CORP. P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761
STATE PRESCRIBED FORM State Form LPC 62 8/81 IL532-0610
5-034-01
NOTE: FORM DESINGED TO PRINT 8 LINES PER INCH EPA Form 8700-22 (6-89)

FOR SHIPMENT OF HAZARDOU AND SPECIAL WASTE.

Form Approved. OMB No. 2050-0039 Expires 9-30-9

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: 27785
2. Page 1 of 1
Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address: J L CLARK, 2300 WISCONSIN, DOWNERS GROVE, IL 60515
Location if Different:
4. Generator's Phone ( ): 708-969-6100

A. Illinois Manifest Document Number: IL 5324905 MANIFEST FEE PAID
B. Illinois Generator's ID: 0438030001
C. Illinois Transporter's ID: 1112
D. Transporter's Phone: 708 468-6510

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD 984908202
7. Transporter 2 Company Name:
8. US EPA ID Number:

E. Illinois Transporter's ID:
F. Transporter's Phone:

9. Designed Facility Name and Site Address: SAFETY-KLEEN CORP., 6050 EAGLE AVE, PORTAGE, IN 46368
10. US EPA ID Number: 5-034-06 IND 000714428

G. Illinois Facility's ID: 9181279469
H. Facility's Phone: (219 763-4554

GENERATOR

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. COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA) NA1993 PGIII (NOT USEPA HAZARDOUS WASTE)(ERG#27)	005	DM	00077	G	EPA HW Number: XXXX; Authorization Number:
b.					EPA HW Number: XX; Authorization Number:
c.					EPA HW Number: XX; Authorization Number:
d.					EPA HW Number: XX; Authorization Number:

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above in Item #14
G = Gallons Y = Cubic Yards

15. Special Handling Instructions and Additional Information
EMERGENCY RESP# 1-708-888-4660 (24 HR)
5-034-01-9457 PP627785 SKDOT# A: 557 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 Illinois 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: JOE BIERONSKY Signature: Joe Bieronsky Date (Month Day Year): 09 26 93

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Greg Bower Signature: Date (Month Day Year): 09 26 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Date (Month 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: Date (Month Day Year):

This Agency is authorized to require, pursuant to Illinois Revised Statutes 1989, Chapter 111½ Sections 1004 and 102, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

IL00257

COPY 6. GENERATOR COPY

SAFETY-KLEEN CORP.
STATE PRESCRIBED FORM 5-034-01

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761
State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE.

NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH

EPA Form 8700-22 (6-89)

Form Approved. OMB No. 2050-0039 Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: 06639
2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address: J L CLARK, 2300 WISCONSIN, DOWNERS GROVE, IL 60515
Location if Different:
4. Generator's Phone ( ) 708-969-6100

A. Illinois Manifest Document Number: IL 5335944 MANIFEST FEE PAID
B. Illinois Generator's ID: 0438030002

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD 984908202

C. Illinois Transporter's ID: 1123
D. (708 468-6510 Transporter's Phone

7. Transporter 2 Company Name:
8. US EPA ID Number:

E. Illinois Transporter's ID:
F. ( ) Transporter's Phone

9. Designed Facility Name and Site Address: SAFETY-KLEEN CORP. 633 EAST 138TH ST DOLTON IL 60419
10. US EPA ID Number: ~~0-006-34~~ 00025 ILD 980613913

G. Illinois Facility's ID: 0310690006
H. Facility's Phone: (708 849-4850

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. COMBUSTIBLE LIQUID, N. O. S. (PETROLEUM NAPHTHA) NA1993 PGIII (NOT USEPA HAZARDOUS WASTE)(ERG#27)	005	DM	00076	G	EPA HW Number: X X XX; Authorization Number: 000264
b.					EPA HW Number: X X; Authorization Number:
c.					EPA HW Number: X X; Authorization Number:
d.					EPA HW Number: X X; Authorization Number:

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above in Item #14
G = Gallons Y = Cubic Yards
(A) S02

RECEIVED DEC 23 1993 J.L. CLARK DOWN

15. Special Handling Instructions and Additional Information
EMERGENCY RESP#708-888-4660 24HR. 5-034-01- 9457 PP# 606639
SKDOT# A: 557 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 Illinois 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: LARRY ZAPFEL
Signature: Larry Zapfel
Date: Month 12 Day 14 Year 93

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Klaus Reissenweber
Signature: Klaus Reissenweber
Date: Month 12 Day 14 Year 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: 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: Kelly Taylor
Signature: Kelly Taylor
Date: Month 12 Day 16 Year 93

GENERATOR / TRANSPORTER / FACILITY

This Agency is authorized to require, pursuant to Illinois Revised Statutes 1989, Chapter 111½ Sections 1004 and 10[illegible], that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

IL00238

STATE OF ILLINOIS ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF HARDOUS AND SPECIAL WASTE

NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH. EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039, Expires 9-30-9

UNIFORM ~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000

Manifest Document No.:

2. Page 1. of

Information in the shaded areas is not required by Federal law, but is required by Illinois Law.

3. Generator's Name and Mailing Address

Location If Different:
J L CLARK
2300 WISCONSIN AVE
DOWNERS IL 60515
(708) 969-6100

4. * 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS

A. Illinois Manifest Document Number: IL 4710753 Fee Paid, Applicable

B. Illinois Generator's ID: 0 4 3 8 0 3 0 0 0 2

5. Transporter 1 Company Name: BEAVER OIL CO., INC.

6. US EPA ID Number: ILD064418353

C. Illinois Transporter's ID: 0 0 1 4

D. (708) 354-4040 Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. Illinois Transporter's ID

F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address

BEAVER OIL CO., INC.
6037 LENZI AVENUE
HODGKINS, IL 60525

10. US EPA ID Number: ILD064418353

G. Illinois Facility's ID: 0 3 1 1 2 6 0 0 0 1

H. Facility's Phone: (708) 354-4040

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. NON-HAZARDOUS LIQUID (PETROLEUM OILS, WATER)	001	17	001100	G	EPA HW Number: XX; Authorization Number: 000[illegible]
b. ~~COMBUSTIBLE LIQUID N.O.S.~~ COMBUSTIBLE LIQUID, NA1993 (PETROLEUM OILS & WATER)					EPA HW Number: XX; Authorization Number: 000152
c.					EPA HW Number: XX; Authorization Number:
d.					EPA HW Number: XX; Authorization Number:

J. Additional Descriptions for Materials Listed Above

ITEM A HAS A FLASH POINT ABOVE 200 DEGREES F
ITEM B HAS A FLASH POINT BETWEEN 141 DEGREES F - 200 DEGREES F
EPA CLASSIFICATION FOR ITEMS A & B IS NON-HAZARDOUS

K. Handling Codes for Wastes Listed Above in Item # 14

G = Gallons Y = Cubic Yards

15. Special Handling Instructions and Additional Information

24 HOUR EMERGENCY PHONE NO. (708) 354-4040

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 anf 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: ROBERT J PANNEK — Signature: Robert J Pannek — Date: Month 07 Day 21 Year 93

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed / Typed Name: WADE LINAW — Signature: Wade Linaw — Date: Month 07 Day 21 Year 93

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed / Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hardous materials covered by this manifest except as noted in item 19.

Printed / Typed Name: SHELLY WOHLWEND — Signature: Shelly Wohlwend — Date: Month 07 Day 21 Year 93

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

[illegible] MAIL TO GENERATOR COPY

P.O. BOX 19276 , SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/81 IL532-0610

PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039. Expires 9-30-

UNIFORM ~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No. ILD005130000 — Manifest Document No.

2. Page 1 of

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address — Location If Different

J L CLARK
2300 WISCONSIN AVE
DOWNERS GROVE IL 60515

4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (708) 969-6100

5. Transporter 1 Company Name: BEAVER OIL CO., INC.

6. US EPA ID Number: ILD064418353

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

BEAVER OIL CO., INC.
6037 LENZI AVENUE
HODGKINS, IL 60525

10. US EPA ID Number: ILD064418353

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
GENERATOR a. NON-HAZARDOUS LIQUID (PETROLEUM OILS, WATER)	001	TV	00700	G
b. ~~COMBUSTIBLE LIQUID, N.O.S.~~ ~~COMBUSTIBLE LIQUID, NA1993~~ ~~(PETROLEUM OILS & WATER)~~				
c.				
d.				

J. Additional Descriptions for Materials Listed Above
ITEM A HAS A FLASH POINT ABOVE 200
ITEM B HAS A FLASH POINT BELOW
EPA CLASSIFICATION NOT KNOWN

15. Special Handling Instructions and Additional Information

24 HOUR EMERGENCY PHONE NO: (708) 354-4040

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: LARRY ZAPFEL — Signature: Larry Zapfel — Date (Month Day Year): 09 23 93

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: WADE LITTNER — Signature: Wade Littner — Date (Month Day Year): 09 23 93

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date (Month 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: SHELLY WOHLWEND — Signature: Shelly Wohlwend — Date (Month Day Year): 09 23 93

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

COPY 1. TSD MAIL TO GENERATOR

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN
Chapter 144, Wis. Stats.
Form 4400-66P 10-89

State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-3

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD000513000

Manifest Document No.: 035112

2. Page 1 of 1

Information in the shaded ar is not required by Federal la

3. Generator's Name and Mailing Address: J.L. CLARK, 2300 WISCONSIN AVE. DOWNERS GROVE, IL 60515

4. Generator's Phone ( )

A. State Manifest Document Number: WI J203512

B. State Generator's ID: ILD 438030000 2

5. Transporter 1 Company Name: HYDRITE CHEMICAL

6. US EPA ID Number: WID 080509359

C. State Transporter's ID: 20166

D. Transporter's Phone: (608) 257-14

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: HYDRITE/AUGANIC, 114 N. MAIN, COTTAGE GROVE, WI

10. US EPA ID Number: WID 000808824

G. State Facility's ID: 02781

H. Facility's Phone: (608) 257-1414

GENERATOR

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. FLAMMABLE LIQUID WASTE PAINT RELATED MATERIALS F003 UN1263	008	DM	00440	G	F00
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above: 6855R51008

K. Handling Codes for Wastes Listed Ab

15. Special Handling Instructions and Additional Information: EMERGENCY CONTACT (708) 969-6100

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 ap plicable international and national governmental regulations and according to the requirements of the Wisconsin Department of Natural Re sources. If I am a large quantity generator, I also 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 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 & Position Title: BILL PAYNE - SHIPPING MAN

Signature: B. Payne

Date: Month 12 Day 29 Y 9

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title: MIKE SWADER DRIVER

Signature: Mike Swader

Date: Month 12 Day 30 Y 9

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title

Signature

Date: Month Day Y

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 & Position Title

Signature

Date: Month 01 Day 04 Y 9

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Gener
6 — Transporter retain

Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 2 —

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN

Chapter 144, Wis. Stats.
Form 4400-66P 10-89

State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-3

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: 0 3 5 1 1
2. Page 1 of 1
Information in the shaded are is not required by Federal la

3. Generator's Name and Mailing Address
J.L. CLARK
2300 WISCONSIN AVE. DOWNERS GROVE, IL 60515
4. Generator's Phone (708) 969-6100

A. State Manifest Document Number: WI J203511
B. State Generator's ID: ILD 43803000002

5. Transporter 1 Company Name: HYDRITE CHEMICAL
6. US EPA ID Number: WID080509359
C. State Transporter's ID: 2066
D. Transporter's Phone: (608)257-1

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
HYDRITE
114 N. MAIN ST
COTTAGE GROVE, WI
10. US EPA ID Number: WID00808824
G. State Facility's ID: 62781
H. Facility's Phone: (608)257-1414

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. waste (flammable liquid) paint related materials UN1263 F003	0 0 6	D M	0 0 3 3 0	G	F 0 0 3
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
6855 H 52540

K. Handling Codes for Wastes Listed Abo

15. Special Handling Instructions and Additional Information
EMERGENCY CONTACT (708) 969-6100

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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 & Position Title: BILL PRUYNE SHIPPING MANAGER
Signature: B. Pruyne
Date: Month 03 Day 29 Y 9

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: MIKE SWADER DRIVER
Signature: Mike Swader
Date: Month 03 Day 29 Y 9

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title
Signature
Date: Month Day Y

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 & Position Title
Signature
Date: Month Day Y

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Generat
6 — Transporter retain
Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 2 — GENERATOR RETAIN

STATE OF WISCONSIN

Chapter 144, Wis. Stats.
Form 4400-66P 10-89

State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD 005130006
Manifest Document No.
2. Page 1 of 1
Information in the shade is not required by Feder

3. Generator's Name and Mailing Address
[illegible]

4. Generator's Phone [illegible]

A. State Manifest Document Number WI 1203507
B. State Generator's ID [illegible]

5. Transporter 1 Company Name HYDRITE
6. US EPA ID Number ILD 1[illegible]
C. State Transporter's ID [illegible]
D. Transporter's Phone [illegible]

7. Transporter 2 Company Name Human Bros
8. US EPA ID Number NED05605191 5
E. State Transporter's ID 325[illegible]
F. Transporter's Phone 1-[illegible]-220

9. Designated Facility Name and Site Address
HYDRITE
[illegible]
[illegible]
10. US EPA ID Number
WID[illegible]
G. State Facility's ID [illegible]
H. Facility's Phone [illegible]

GENERATOR

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
a. RQ Waste (Flammable Paint Remover)	004	DM	330	G	F[illegible]
b. 3, UN1263, PGII (F003)					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
Code 5
[illegible]

K. Handling Codes for Wastes Listed

15. Special Handling Instructions and Additional Information
EMERGENCY CONTACT (7[illegible]) 1[illegible]-6[illegible]

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by pr shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according t plicable international and national governmental regulations and according to the requirements of the Wisconsin Department of Natura sources. If I am a large quantity generator, I also certify that I have a program in place to reduce the volume and toxicity of waste generated t degree I have determined to be economically practicable and I have selected the practicable method of treatment, storage, or disposal curr 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 & Position Title: BILL MAYNE - SHIPPING MANAGER
Signature: B. Mayne
Date: Month 1 Day 6

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: STEVE BODIE - DRIVER
Signature: Steve Bodie
Date: Month 1 Day 6

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: Theron Baumgart Driver
Signature: T. Baumgart
Date: Month 1 Day 1[illegible]

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 & Position Title: John Baukin Warehouse
Signature: John Baukin
Date: Month 1 Day 1[illegible]

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to C
6 — Transporter retai
Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 4 — FACILITY RETAIN

STATE OF WISCONSIN
Chapter 144, Wis. Stats.
Form 4400-66P 10-89

State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: 122113
2. Page 1 of 1
Information in the shaded ar is not required by Federal la

3. Generator's Name and Mailing Address
J. L. CLARK
2300 WISCONSIN AVE
DOWNERS GROVE, IL 60515
4. Generator's Phone (708) 969-6100

A. State Manifest Document Number: WI 1203506
B. State Generator's ID: ILD 438030000002

5. Transporter 1 Company Name: JB Hunt Specialized Commodities
6. US EPA ID Number: ARD981908551
C. State Transporter's ID: 3091
D. Transporter's Phone: 800 530

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
WASTE RESEARCH & RECLAMATION
5200 STATE ROAD 93
EAU CLAIRE, WI 54701
10. US EPA ID Number: WID 990829475
G. State Facility's ID
H. Facility's Phone: 715-834-9 (715) 836-8771

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 WASTE (FLAMMABLE LIQUID) PAINT RELATED MATERIAL 3, UN1263 PG II	006	DM	00330	G	F005
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
EST WT 2400 LBS

K. Handling Codes for Wastes Listed Abo

15. Special Handling Instructions and Additional Information
PROFILE #: 9308073-1FA
EMERGENCY CONTACT: (708) 969-6100

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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.

GENERATOR

Printed/Typed Name & Position Title: BILL PRUYNE - SHIPPING MGR
Signature: B Pruyne
Date: Month Day Y 12 21 9

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: Terry Schuh Driver
Signature: Terry Schuh
Date: Month Day Y 12 21 9

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title
Signature
Date: Month Day Y

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 & Position Title
Signature
Date: Month Day Y

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Generat
6 — Transporter retain
Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 1 —

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/81 IL532-0610

PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039, Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD 005 130 000 — Manifest Document No.: 78265

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address — Location If Different

J.L. CLARK
2300 WISCONSIN AVENUE DOWNERS GROVE, IL 60515

4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* 414/221-0118

A. Illinois Manifest Document Number: IL 4878265 FEE PAID IF APPLICABLE

B. Illinois Generator's ID: * 4380300000

5. Transporter 1 Company Name: SET ENVIRONMENTAL — 6. US EPA ID Number: ILD 981 957 236

C. Illinois Transporter's ID: 0 0 4

D. (708) 537-9221 Transporter's Phone

7. Transporter 2 Company Name: SET Environmental IDC — 8. US EPA ID Number: ILD981957236

E. Illinois Transporter's ID

F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address: LWD, INC.
OFF HIGHWAY 1523
CALVERT CITY, KY 42029 — 10. US EPA ID Number: KYD 088 438 817

G. Illinois Facility's ID: 9 2 1 1 5 7 0 0 0

H. Facility's Phone: (502) 395-8313

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 FLAMMABLE LIQUID, N.O.S., 3, UN1993, PGIII, (CONTAIN XYLENE AND PHENOL)	001	DM	00055	G	EPA HW Number: XXD001 Authorization Number: N/A
b. NON HAZARDOUS SPECIAL WASTE	001	DM	00055	G	EPA HW Number: XXN/A Authorization Number: N/A
c.					EPA HW Number: XX Authorization Number:
d.					EPA HW Number: XX Authorization Number:

RECEIVED 8 1993 J.L. CLARK TUBE DIVISION DOWNERS GROVE, ILL

J. Additional Description for Materials Listed Above
a) WASTESTREAM KT-89 ERG #27
b) WASTESTREAM KS 40

K. Handling Codes for Wastes Listed Above In Item #14
G = Gallons Y = Cubic Yards
T06/T07 *

15. Special Handling Instructions and Additional Information

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: Bill Pruyne — Signature: B. Pruyne — Date: Month Day Year 10 25 93

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JULIUS L. SCHEFFLER — Signature: Julius L. Scheffler — Date: Month Day Year 10 26 93

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: CHRIS DECKERT — Signature: [signature] — Date: Month Day Year 10 27 93

19. Discrepancy Indication Space
* B, K. per Amber Rauter/Sigma, 11-8-93, LH/LWD

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name: Steve York — Signature: Steve York — Date: Month Day Year 10 27 93

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

COPY 1. TSD MAIL TO GENERATOR

HYDRITE CHEMICAL CO.

150 WEST DONKLE STREET
P.O. BOX 189
COTTAGE GROVE, WI 53527
608/257-5892
FACSIMILE: 608/839-4475

WASTE PROCESSING

CERTIFICATION OF DESTRUCTION

This document certifies that the material listed on the attached manif numbered WI T203512 , will be beneficially recycled or reused by Hydrite Chemical Co., located in Cottage Grove, Wisconsin (EPA ID#WID000808824).

The waste residues from our operation will be utilized in a secondary fuel stream and thermally destroyed in a RCRA permitted cement kiln.

Any material which cannot be treated as indicated above will be therma destroyed at a licensed incinerator or aggregate kiln.

Containers used to transfer material to Hydrite Chemical Co., will be recycled for further use at an approved drum reconditioner.

Authorized Signature

Hydrite Chemical Co.
Cottage Grove, WI 53527

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN

Chapter 144, Wis. Stats.
Form 4400-66P 10-89

State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ON

Please print or type. Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD000513 0000
Manifest Document No.: 03512
2. Page 1 of 1
Information in the shaded is not required by Federal

3. Generator's Name and Mailing Address: J.L. CLARK, 2300 [illegible] AVE. D[illegible] GROVE IL 60515
4. Generator's Phone ( )
5. Transporter 1 Company Name: HYDRITE CHEMICAL
6. US EPA ID Number: WID 0[illegible]509359
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: HYDRITE/AVGANIC, [illegible] MAIN, COTTAGE GROVE WI
10. US EPA ID Number: WID000[illegible]

A. State Manifest Document Number: WI J203512
B. State Generator's ID: ILD4[illegible]
C. State Transporter's ID: [illegible]
D. Transporter's Phone: [illegible]
E. State Transporter's ID:
F. Transporter's Phone:
G. State Facility's ID: 60781
H. Facility's Phone: (6[illegible]) 257-1414

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
a. ~~[illegible]~~ WASTE PAINT RELATED MATERIALS, ~~[illegible]~~ F003	008	DM	00440	G	F[illegible]
b. Flammable Liquid NA 1263					
c.					
d.					

J. Additional Descriptions for Materials Listed Above: 6155R 5100
K. Handling Codes for Wastes Listed A

15. Special Handling Instructions and Additional Information: [illegible]

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by prop shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to a plicable international and national governmental regulations and according to the requirements of the Wisconsin Department of Natural R sources. If I am a large quantity generator, I also certify that I have a program in place to reduce the volume and toxicity of waste generated to t degree I have determined to be economically practicable and I have selected the practicable method of treatment, storage, or disposal current 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 & Position Title: Bill [illegible] Mar
Signature: [illegible]
Date: Month 12 Day 29

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: MIKE SWADER DRIVER
Signature: Mike Swader
Date: Month 12 Day 30

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title:
Signature:
Date: Month Day

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 & Position Title: STEVE NORTON
Signature: [illegible]
Date: Month 1 Day 4

GENERATOR / TRANSPORTER / FACILITY

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Gene
6 — Transporter retain
Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 5 —
FACILITY SEND TO GENERATOR

J.L.CLARK
a member of the CLARCOR consumer products group

February 26, 1993

Mr. E. William Radlinski
Manager, Planning and Reporting Section
Division of Land Pollution Control #24
Illinois Environmental Protection Agency
P.O. Box 19276
Springfield, Illinois 62794-9276

- Certified Mail -
P 295 673 828

Dear Mr. Radlinski:

Enclosed please find the completed 1992 Hazardous Waste Report for J. L. Clark - Tube Division. This submission is in compliance with the IEPA regulations.

Should you require any additional information, please contact me at (815)962-8861.

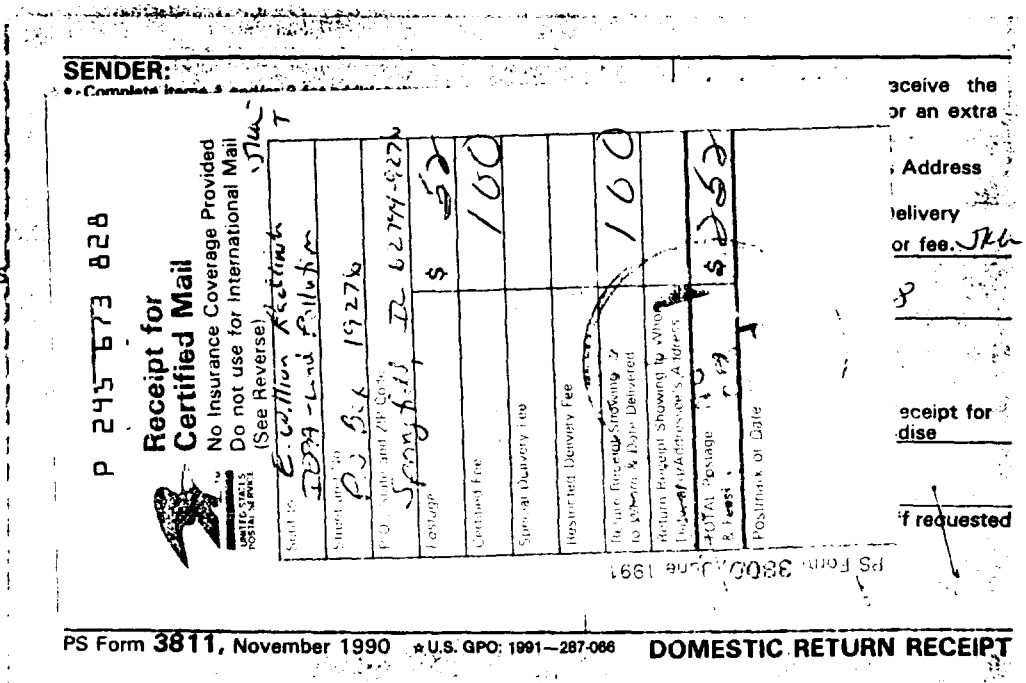
Sincerely,

James K. Klotz, CHMM
Environmental Engineer

/tkb

Enclosure

bcc: John Benton
Gordon VerWeys



2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125
815/962-8861
FAX: 815/962-6356

[illegible]

J L CLARK
[illegible] WISCONSIN AVE
DOWNERS GROVE IL
60515

ILLINOIS Environmental Protection Agency
1992 Hazardous Waste Report
Form IC -- Identification and Certification

Instructions for this form found on pages 6 - 12.
This form must be completed for the location shown on the above label. If you need additional forms for other locations, call IEPA.

Sec. I – Generator Status

A. 2 (30) RCRA Generator Status *(Enter one code)*

1 = LQG
2 = SQG } Skip to Box C
3 = CESQG
4 = Nongenerator (Continue to Box B)

B. Reason for not generating *(Check all that apply)*

31 __ Never generated
32 __ Out of business
33 __ Only excluded or delisted waste generated
34 __ Only non-hazardous waste generated
35 __ Periodic generator, none in reporting year
36 __ Waste minimization activity
37 __ Other *(Specify in comments box)*

C. 1 (38) Status Time Period: 1 = Expected to be the same next year and following years. 2 = Expected to change next year.

Section II. Enter the SIC Code(s) for this location.

3 4 9 9 (39) __ __ __ __ (43) __ __ __ __ (47) __ __ __ __ (51)

Section III. On-Site Waste Management Status *(enter one code for each question)*

A. 55 1 RCRA regulated (permitted or interim status) storage
B. 56 __ RCRA permitted or interim status treatment, disposal, or recycling
C. 57 __ RCRA exempt treatment, disposal, or recycling

Section IV. Waste minimization activity during this reporting year *(Enter Y [Yes] or N [No] for questions A-D)*

A. 58 N Did this site begin or expand a **source reduction** activity this year? If no, list factors in D first column.
B. 59 Y Did this site begin or expand a **recycling** activity this year? If no, list factors in D second column.
C. 60 Y Did this site systematically investigate opportunities for **source reduction or recycling?**
D. Did any of the factors listed below delay or limit this site's ability to initiate new or additional **source reduction** or on-site or off-site **recycling** activities this year; if yes, enter Y below.

S. Reduc.	Recyc.		
61 __	71 __		Insufficient capital to install new source reduction equipment or implement new source reduction practices
62 Y	72 __		Lack of technical information on techniques applicable to the specific production processes
63 Y	73 __		Not ecomomically feasible: cost savings in waste management or production will not recover the capital investment
64 Y	74 __		Concern that product quality may decline as a result
65 __	75 __		Permitting burdens
66 __	76 __		Previously implemented -- additional reduction/recycling does not appear to be technically feasible
67 __	77 __		Previously implemented -- additional reduction/recycling does not appear to be economically feasible
68 __	78 __		Previously implemented -- additional reduction/recycling does not appear to be feasible due to permitting requirements
69 __			Technical limitations of the production processes
	79 __		Requirements to manifest wastes inhibit shipments off site for recycling
	80 __		Financial liability provisions inhibit shipments off site for recycling
	81 __		Technical limitations of production processes inhibit shipments off site for recycling
	82 __		Technical limitations of production processes inhibit off-site recycling
	83 __		Lack of permitted off-site recycling facilities
	84 __		Unable to identify a market for recyclable materials
70 __	85 __		Other *(Specify in Comments box)*

Sec. V. This Agency is authorized to require this information under Revised Statutes, 1981, Chapter III-1/2, Sections 1004 and 1021 (f)(2). Disclosure of this information is required. Failure to do may result in a civil penalty up to $25,999 for each day the failure continues, a fine up to $1,000,000.00 and imprisonment up to 5 years. This form has been approved by the Forms Management

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 penalti false information, including the possibility of fine and imprisonment.

A. Please print: Last Name Verweyst First Name Gordon B. Title Vice President-Technology

C. Signature Gordon E. Ver Weyst D. Date of signature 2/25/93

COMMENTS: __ (86) Enter Y (Yes) if you have comments regarding this page and attach extra sheet.

ILD 005 130 000 043 0300 02

J L CLARK
2300 WISCONSIN AVE
DOWNERS GROVE IL
60515

ILLINOIS Environmental Protection Agency
1992 Hazardous Waste Report
Form GM – Waste Generation and Management

Instructions for this form found on pages 13 - 30.

Sec. I WASTE DESCRIPTION

A. Waste Description: Ignitable solvents and coating residue from coater operation.

B. EPA Hazardous Waste Code F 0 0 3 (30) ____ (34) ____ (38) ____ (42) ____ (46) ____

C. SIC code 3 4 9 9 (50)

D. Origin Code 1 (54) System type M (55) ____

E. Source code A 2 1 (59) A (62) ____ A (65) ____

F. Point of measurement 1 (68)

G. Waste form code B 2 0 3 (69)

H. Radioactive mixed N (73)

I. TRI constituent 2 (74)

J. CAS numbers: 1. ____ (75) 2. ____ (83) 3. ____ (91)
4. ____ (99) 5. ____ (107)

Sec. II QUANTITY GENERATED AND MANAGED ON-SITE

A. UOM 1 (115) Density 7.0 2 (118) lbs/gal *(Same unit and density must be used for all quantities on this page)*

Quantity generated in : B Previous reporting year 1 2 6 5 . 0 (120) C. Current reporting year 8 8 0 0 (130)

D. Did this location do any of the following to this waste (at this location): manage in exempt or regulated treatment, recycling, or disposal process? N (140) Y= Yes (Continue to System 1) N= No (Skip to Sec. III)

On-Site System 1: System Type M (141) ____ Quantity managed on-site this year ____ (145)

On-Site System 2: System Type M (156) ____ Quantity managed on-site this year ____ (159)

Sec. III OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y (168) Y= Yes (Continue to Box B) N= No (Skip to Sec. IV)

Site 1: Name and address of facility: Avganic Industries, Inc.
114 North Main Street
Cottage Grove, WI 53527

B. U.S. EPA ID No. of facility waste was shipped to: W I D 0 0 0 8 0 8 8 2 4 (170)

C. System type shipped to M 0 2 1 (182) D. Off-site availability code 1 (186)

E. Total quantity shipped in this reporting year: 8 8 0 . 0 (187)

Site 2: Name and address of facility:

B. U.S. EPA ID No. of facility waste was shipped to: ____ (197)

C. System type shipped to M (209) ____ D. Off-site availability code ____ (213)

E. Total quantity shipped in this reporting year: ____ (214)

Sec. IV NEW WASTE MINIMIZATION ACTIVITIES

A. Did new activities in this year result in minimization of this waste? N (224) Y= Yes (Cont. to Box B) N= No (Cont. to Sec. V)

B. Activity W (225) ____ W (228) ____ W (231) ____ W (234) ____ C. Other effects (Y=Yes, N=No) ____ (237)

D. Quantity recycled in reporting year due to new activities ____ (238)

E. Activity/production index ____ (248) F. Reporting year Source reduction quantity ____ (251)

Sec. V REGULATED STORAGE

A. Did this site store RCRA wastes 90 days or more and then ship it off-site (to site shown in Section III)? (Y=Yes, N=No) N (261)

B. Did this site store RCRA wastes on-site for more than 90 days but waste is in storage at year end: (Y= Yes, N= No) N (262)

Quantity stored at year end and for 90 days or more that was generated this reporting year: ____ (263)

Quantity stored at year end that was generated prior to this reporting year: ____ (273)

COMMENTS: ____ (282) Enter Y (Yes) if you have comments regarding this page and attach extra sheet.

[illegible]

J. L. CLARK
[illegible] WISCONSIN AVE
[illegible] GROVE IL
[illegible]

ILLINOIS Environmental Protection Agency
1992 Hazardous Waste Report
Form TI – Transporter Identification

Instructions for this form found on page 31.

1. U.S. EPA ID No. W I D 0 0 0 8 0 8 8 2 4 (30)
Transporter Name and Address: Avganic Industries, Inc.
114 North Main Street
Cotage Grove, WI 53527

2. U.S. EPA ID No. _____ (42)
Transporter Name and Address:

3. U.S. EPA ID No. _____ (54)
Transporter Name and Address:

4. U.S. EPA ID No. _____ (66)
Transporter Name and Address:

5. U.S. EPA ID No. _____ (78)
Transporter Name and Address:

6. U.S. EPA ID No. _____ (90)
Transporter Name and Address:

7. U.S. EPA ID No. _____ (102)
Transporter Name and Address:

8. U.S. EPA ID No. _____ (114)
Transporter Name and Address:

COMMENTS: ___ (126) Enter Y (Yes) if you have comments regarding this page and attach extra sheet.

DATE: February 10, 1995

TO: JIM KLOTZ

FROM: BILL PRUYNE

COPIES TO: JOHN BENTON, AL MOORE,
GREG GANN

REFERENCE: TUBE DIVISION

SUBJECT: CRTK 1994

I AM SUBMITTING TO YOU THE FOLLOWING:

1. A SUMMARY OF STATE HAZARDOUS WASTE MANIFESTS GENERATED FROM THE TUBE DIVISION IN 1994.

2. COPIES OF ALL THE HAZARDOUS WASTE MANIFESTS GENERATED FROM THE TUBE DIVISION IN 1994.

02/10/95

1994 CRTK
WASTE DISPOSAL SUMMARY

SAFETY KLEEN

DATE	MANIFEST	QUANTITY	ITEM
03/10/94	IL5423707	90	NAPTHA SOLVENT
08/02/94	IL5442000	75	NAPTHA SOLVENT
10/28/95	IL5541165	76	NAPTHA SOLVENT

BEAVER OIL

DATE	MANIFEST	QUANTITY	ITEM
07/08/94	IL6250395	770	OILY WATER

WASTE RESEARCH

DATE	MANIFEST	QUANTITY	ITEM
04/13/94	WIJ487754	200	WASTE SOLVENT
04/13/94	WIJ487754	40	WASTE PAINT RELATED
04/13/94	WIJ487754	40	111 TRICHLOR/TOLUENE
07/13/94	WIJ482299	275	WASTE SOLVENT
10/26/94	WIJ568728	270	WASTE SOLVENT

ACACIA ENVIRONMENTAL

DATE	MANIFEST	QUANTITY	ITEM
03/24/94		20 YDS	ASBESTOS

SAFETY-KLEEN CORP.
STATE PRESCRIBED FORM P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761
State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE.

5-034-01

NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH

EPA Form 8700-22 (6-89)

Form Approved. OMB No. 2050-0039 Expires 9-30-94

UNIFORM ~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: ~~53969~~ 53970
2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address: J L CLARK, 2300 WISCONSIN, DOWNERS GROVE, IL. 60515
Location if Different:
4. Generator's Phone (708) 969-6100

A. Illinois Manifest Document Number: IL 5423707 MANIFEST FEE PAID
B. Illinois Generator's ID: 0438030002
C. Illinois Transporter's ID: 1123
D. (708) 468-6510 Transporter's Phone
E. Illinois Transporter's ID
F. ( ) Transporter's Phone
G. Illinois Facility's ID: 0310690006
H. Facility's Phone: (708) 849-4850

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD 984908202
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designed Facility Name and Site Address: SAFETY-KLEEN CORP. 633 EAST 138TH ST DOLTON IL 60419
10. US EPA ID Number: ~~X-006-54~~ 5-034-05 ILD 980613913

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. COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA) NA1993 PGIII (NOT USEPA HAZARDOUS WASTE) (ERG#27)	005	DM	00090	G	EPA HW Number: XXXXNHZW; Authorization Number: 000364
b.					EPA HW Number: XX; Authorization Number:
c.					EPA HW Number: XX; Authorization Number:
d.					EPA HW Number: XX; Authorization Number:

RECEIVED MAR 21 1994 J.L. CLARK-TUBE DIVISION DOWNERS GROVE, ILL

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above in Item #14
G = Gallons Y = Cubic Yards
(A) S02

15. Special Handling Instructions and Additional Information
EMERGENCY RESP#708-888-4660 24HR. 5-034-01- 9457 PP# 553970
SKDOT# A: 557 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 Illinois 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: JOSEPH BIERONSKY
Signature: Joseph Bieronsky
Date: Month 3 Day 10 Year 94

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Klaus Reissenweber
Signature: Klaus Reissenweber
Date: Month 03 Day 10 Year 94

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: 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: Kelly Taylor
Signature: Kelly Taylor
Date: Month 03 Day 15 Year 94

This Agency is authorized to require, pursuant to Illinois Revised Statutes 1989, Chapter 111½ Sections 1004 and 102, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

IL00238

COPY 1. TSD MAIL TO GENERATOR

SAFETY-KLEEN CORP. STATE PRESCRIBED FORM P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE.

5-034-01

NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH

EPA Form 8700-22 (6-89)

Form Approved. OMB No. 2050-0039 Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000 | Manifest Document No.: 52897

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address: J.L. Clark, 2300 Wisconsin, Downers Grove IL 60515

Location if Different:

4. Generator's Phone (708) 969-6100

A. Illinois Manifest Document Number: IL 5442000 MANIFEST FEE PAID

B. Illinois Generator's ID: 0438030002

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.

6. US EPA ID Number: ILD 984908202

C. Illinois Transporter's ID: 1123

D. 708) 468-6510 Transporter's Phone

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. Illinois Transporter's ID:

F. ( ) Transporter's Phone

9. Designed Facility Name and Site Address: SAFETY-KLEEN CORP. ~~633 E 138TH ST~~ 1500 Villa Street ~~DOLTON~~ Elgin IL ~~60419~~ 60120

10. US EPA ID Number: 5-034-01 ILD ~~980613913~~ 000805911

G. Illinois Facility's ID: ~~0310690006~~ 0314380001

H. Facility's Phone: ~~708 849-4850~~ 708 468-6560

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. ~~COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA) NA1993 PGIII (NOT USEPA HAZARDOUS WASTE) (ERG#27)~~		~~DM~~		~~G~~	EPA HW Number: ~~XXXXNHZW~~ Authorization Number: ~~000364~~
b. Waste Combustible Liquid, N.O.S (Petroleum Naptha) NA 1993 PGIII (D006, D008, D018, D039, D040)	005	DM	00075	G	EPA HW Number: XXD006 Authorization Number: 000004
c.					EPA HW Number: XX Authorization Number:
d.					EPA HW Number: XX Authorization Number:

RECEIVED AUG - 8 1994 J.L. CLARK-TUBE DIVISION DOWNERS GROVE, ILL

J. Additional Descriptions for Materials Listed Above: I(B) D008, D018, D039, D040

K. Handling Codes for Wastes Listed Above in Item #14: G = Gallons Y = Cubic Yards

15. Special Handling Instructions and Additional Information

EMERGENCY RESP#708-888-4660 24HR. 5-034-01-9457 PP# M 52897

SKDOT# A: ~~507~~ B: 644 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 Illinois 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: Linn Vehslage | Signature: Linn Vehslage | Date: Month 08 Day 02 Year 94

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Klaus Reissenweber | Signature: Klaus Reissenweber | Date: Month 08 Day 02 Year 94

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: | Signature: | Date: 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: Lora Sullivan | Signature: Lora Sullivan | Date: Month 08 Day 02 Year 94

This Agency is authorized to require, pursuant to Illinois Revised Statutes 1989, Chapter 111½ Sections 1004 and 102, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

IL00238

COPY 1. TSD MAIL TO GENERATOR

... and the National Response Center at 800/424-8802 or 202/426-2675.

SAFETY-KLEEN CORP. P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761
STATE PRESCRIBED FORM State Form LPC 62 8/81 IL532-0610 FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE.
5-034-01
NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH EPA Form 8700-22 (6-89) Form Approved. OMB No. 2050-0039 Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD 005130000
Manifest Document No. 04319
2. Page 1 of 1
Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address
J L CLARK
2300 WISCONSIN
DOWNERS GROVE

Location if Different:
ATTN BILL PYRNE
IL 60515

4. Generator's Phone (708)969-6100

A. Illinois Manifest Document Number IL 5541165 MANIFEST FEE PAID
B. Illinois Generator's ID 0438030002

5. Transporter 1 Company Name SAFETY-KLEEN CORP.
6. US EPA ID Number ILD 984908202
C. Illinois Transporter's ID 1123
D. (708 468-6510 Transporter's Phone

7. Transporter 2 Company Name
8. US EPA ID Number
E. Illinois Transporter's ID
F. ( ) Transporter's Phone

9. Designed Facility Name and Site Address 503401
SAFETY-KLEEN CORP.
1500 VILLA STREET
ELGIN, IL 60120
10. US EPA ID Number ILD 000805911
G. Illinois Facility's ID 0314380001
H. Facility's Phone (708 468-6560

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. WASTE COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA)NA1993 PGIII (D039) (D006, D008, D018, D040)(ERG#27)6.7LBS/GAL	005	DM	000 76	G	EPA HW Number X X D039 / Authorization Number 000004
b.					EPA HW Number X X / Authorization Number
c.					EPA HW Number X X / Authorization Number
d.					EPA HW Number X X / Authorization Number

J. Additional Descriptions for Materials Listed Above
I(A) D006 D008 (A) D018, D040

K. Handling Codes for Wastes Listed Above in Item #14
G = Gallons Y = Cubic Yards

15. Special Handling Instructions and Additional Information 9443 73640385 004319 5-034-01-9457 27
EMERGENCY RESP#708-888-4660 24HR
SKDOT# A: 644 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 Illinois 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.

GENERATOR

Printed/Typed Name: JOE BIERONSKY
Signature: Joe Bieronsky
Date: Month 10 Day 28 Year 94

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Klaus Reissenweber
Signature: Klaus Reissenweber
Date: Month 10 Day 28 Year 94

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month 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: Lora Sullivan
Signature: Lora Sullivan
Date: Month 10 Day 28 Year 94

This Agency is authorized to require, pursuant to Illinois Revised Statutes 1989, Chapter 111½ Sections 1004 and 102, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center

COPY 1. TSD MAIL TO GENERATOR

State Form LPC 62 8/81 IL532-0610 AND SPECIAL WASTE

PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039, Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD005130000 | Manifest Document No. | 2. Page 1 of | Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address — Location If Different
J L CLARK
2300 WISCONSIN AVE
DOWNERS GROVE IL 60515

4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (708) 969-6100

A. Illinois [redacted]
B. Illinois [redacted]
C. Illinois Transporter's ID [redacted]
D. [redacted] Transporter's Phone
E. Illinois Transporter's ID [redacted]
F. [redacted] Transporter's Phone
G. Illinois [redacted]
H. Facility's Phone [redacted]

5. Transporter 1 Company Name: BEAVER OIL CO., INC. | 6. US EPA ID Number: ILD064418353

7. Transporter 2 Company Name | 8. US EPA ID Number

9. Designated Facility Name and Site Address: BEAVER OIL CO., INC.
6037 LENZI AVENUE
HODGKINS, IL 60525 | 10. US EPA ID Number: ILD064418353

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	[redacted]
a. NON-HAZARDOUS LIQUID OIL & WATER	001	TT	0770	G	[redacted]
b.					[redacted]
c.					[redacted]
d.					[redacted]

J. Additional Description for Materials Listed Above [redacted]

K. Handling Codes for Wastes Listed Above [redacted]

G = Gallons Y = Cubic Yards

15. Special Handling Instructions and Additional Information

24 HOUR EMERGENCY PHONE NO: (708) 354-4040

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	Signature	Date (Month Day Year)
X William Pruyne	X [signature]	07 09 94

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Brad Dow	[signature]	07 09 94

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (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	Signature	Date (Month Day Year)

GENERATOR / TRANSPORTER / FACILITY

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

COPY 5. GENERATOR MAIL TO IEPA
(RCRA AND PCB WASTES)

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 1.

STATE OF WISCONSIN

Chapter 144, Wis. Stats.
Form 4400-66P Rev. 10-93

ALL COPIES MUST BE LEGIBLE, PLEASE TYPE

State of Wisconsin
Department of Natural Resources
Bureau of Solid and Hazardous Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD000513000
Manifest Document No.: 413194
2. Page 1 of 1
Information in the shaded a is not required by Federal l

3. Generator's Name and Mailing Address
J.L. CLARK
2300 WISCONSIN AVENUE
Site Location If Different: DOWNERS GROVE, IL 60515
4. Generator's Phone (708)969-6100

A. State Manifest Document Number: WI J487754
B. State Generator's ID

5. Transporter 1 Company Name: J.B.Hunt-Special Commodities,Inc.
6. US EPA ID Number: ARD981908551
C. State Transporter's ID: 3091
D. Transporter's Phone: 800-530-78

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
Waste Research & Reclamation Co., Inc
5200 State Rd. 93
Eau Claire, WI 54701
10. US EPA ID Number: WID990829475
G. State Facility's ID
H. Facility's Phone: 715-834-9624

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-WASTE PAINT RELATED MATERIAL, 3 UN1263, PGII (F005)	005	DM	02000	P	F001
b. RQ-WASTE PAINT RELATED MATERIAL, 3 UN1263, PGIII (D001)	001	DM	00400	P	D001
c. RQ-WASTE HALOGENATED IRRITATING LIQUID,N.O.S. (1-1-1 TRICHLOROETHANE/TOLUENE), 6.1 UN1610, PGIII (F001)	001	DM	00400	P	F001
d.					

J. Additional Descriptions for Materials Listed Above
a. 9308073-1FA
b. 9402080-1FA
c. 9402081-1RM508

K. Handling Codes for Wastes Listed Abo
a. F001/F003/D001
c. F003/F005

15. Special Handling Instructions and Additional Information

24 HOUR EMERGENCY PHONE 708-969-6100

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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 & Position Title: TOM PETERSON SHIPPING
Signature: [signature]
Date: Month 4 Day 13 Year 94

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: BERNY WOOD DRIVER
Signature: [signature]
Date: Month 04 Day 13 Year 94

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title
Signature
Date: 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 & Position Title
Signature
Date: Month Day Year

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Generatc
6 — Transporter retain
Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 1-
GENERATOR SEND TO WIS. DNR

STATE OF WISCONSIN

Chapter 144, Wis. Stats.
Form 4400-66P Rev. 10-93

ALL COPIES MUST BE LEGIBLE, PLEASE TYPE

State of Wisconsin
Department of Natural Resources
Bureau of Solid and Hazardous Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-3(

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD000513000
Manifest Document No.: 71394
2. Page 1 of 1
Information in the shaded are is not required by Federal lav

3. Generator's Name and Mailing Address
J.L. CLARK
2300 WISCONSIN AVENUE
Site Location If Different: DOWNERS GROVE, IL 60515
4. Generator's Phone (708-969-5100

A. State Manifest Document Number: WIJ482299
B. State Generator's ID

5. Transporter 1 Company Name: J.B.Hunt-Special Commodities, Inc.
6. US EPA ID Number: ARD981908551
C. State Transporter's ID 3091
D. Transporter's Phone 800-530-78(

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
Waste Research & Reclamation Co., Inc
5200 State Rd. 93
Eau Claire, WI 54701
10. US EPA ID Number: WID990829475
G. State Facility's ID
H. Facility's Phone 715-834-9624

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-WASTE PAINT RELATED MATERIAL, 3 UN1263, PGII (F005)	05	DM	2750	P	F 0 0
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
a. 9308073-1FA

K. Handling Codes for Wastes Listed Abov
a. F001/F003/D001

15. Special Handling Instructions and Additional Information

24 HOUR EMERGENCY PHONE 708-969-6100

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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 & Position Title: [illegible]
Signature: [illegible]
Date: Month 07 Day 13 Year 94

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: Mike Shilt Driver
Signature: Mike Shilt
Date: Month 07 Day 13 Year 94

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title
Signature
Date: 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 & Position Title: Kenneth Rindal Foreman
Signature: Kenneth Rindal
Date: Month 07 Day 13 Year 94

GENERATOR

TRANSPORTER

FACILITY

PA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Generator
6 — Transporter retain

Copies 1 & 3 mail to Wis. DNR at above address.

nergency 24 Hour Assistance Telephone Number
Wisconsin (608) 266-3232
side Wisconsin (800) 424-8802

COPY 5-
FACILITY SEND TO GENERATOR

STATE OF WISCONSIN
Chapter 144, Wis. Stats.
Form 4400-66P Rev. 10-93

ALL COPIES MUST BE LEGIBLE, PLEASE TYPE

State of Wisconsin
Department of Natural Resources
Bureau of Solid and Hazardous Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-30-

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD000513000
Manifest Document No.: 10264
2. Page 1 of 1
Information in the shaded area is not required by Federal law.

3. Generator's Name and Mailing Address
J.L. CLARK
2300 WISCONSIN AVENUE DOWNERS GROVE, IL 60515
Site Location If Different
4. Generator's Phone (708)-969-6100

A. State Manifest Document Number: WI3568728
B. State Generator's ID:

5. Transporter 1 Company Name: J.B.Hunt-Special Commodities, Inc.
6. US EPA ID Number: ARD981908551
C. State Transporter's ID: 3091
D. Transporter's Phone: 800-530-786

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
Waste Research & Reclamation Co., Inc
5200 State Rd. 93
Eau Claire, WI 54701
10. US EPA ID Number: WID990829475
G. State Facility's ID:
H. Facility's Phone: 715-834-9624

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-WASTE PAINT RELATED MATERIAL, 3 UN1263, PGII (F005)	006	DM	02700	P	F005
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
a. 9308073-1FA

K. Handling Codes for Wastes Listed Above
a. F001/F003/D001

15. Special Handling Instructions and Additional Information
24 HOUR EMERGENCY PHONE 708 969-6100

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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 & Position Title: Thomas J Peterson Shipping Mgr.
Signature: [signature]
Date: Month 10 Day 26 Year 94

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: Terry Schuh Driver
Signature: [signature]
Date: Month 10 Day 26 Year 94

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title:
Signature:
Date: 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 & Position Title:
Signature:
Date: Month Day Year

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Generator
6 — Transporter retain
Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
Within Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 1-
GENERATOR SEND TO WIS. DNR

MAR 2 9 1994

WASTE SHIPMENT RECORD

24 Hour Response Telephone Number: 815/675-6683

Generator

1. Work Site Name and Mailing Address: J.L. CLARK COMPANY, 2300 WISCONSIN AVE., DOWNERS GROVE, ILL.
   Owner's Name: LARRY ZAPFEL
   Owner's Phone No.: 708-969-6100

2. Operator's Name and Address: ACACIA ENVIROMENTAL, 921 N. CHURCH ST., ROCKFORD, ILL. 61103
   Operator's Phone No.: 815-968-5397

3. Waste Disposal Site (WDS) Name, Mailing Address, and Physical Site Location: WINNEBAGO RECLAMATION, 8403 LINDENWOOD RD, ROCKFORD, ILL. 61109
   WDS Phone No.: 815-874-7375

4. Name and Address of Responsible Agency
   IEPA, 220 Churchill Rd., Springfield, IL 62706
   USEPA, 230 S. Dearborn St., Chicago, IL 60604

5. Description of Materials: RQ Hazardous Substance, Solid, N.O.S. ORM-E, NA2212 (RQ Asbestos) from renovation project friable asbestos containing material

6. Containers: No. 1, Type BA

7. Total Quantity: (cu. yd.) 20

8. Special Handling Instructions and Additional Information:
   OPERATOR'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.

9. OPERATOR'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 government regulations.
   Bill of Lading also applies.

Printed/Typed Name & Title: MARK HAINES PROJECT MANAGER
Signature: Mark Haines
Month Day Year: 03/24/94

Transporter

10. Transporter 1 (Acknowledgment of Receipt of Materials):

Printed/Typed Name & Title: LAIDLAW WASTE SYSTEM
Address and Telephone No.: 4002 S. MAIN ST 815-962-1133
Signature: Ray McElyea
Month Day Year: 03-24-94

11. Transporter 2 (Acknowledgement of Receipt of Materials):

Printed/Typed Name & Title:
Address and Telephone No.:
Signature:
Month Day Year

Disposal Site

12. Discrepancy Indication Space:

13. Waste Disposal Site Owner or Operator:

Printed/Typed Name & Title: Wendy Lentz-Scale Op
Signature: Wendy Lentz
Month Day Year: 032494

WHITE - Landfill CANARY - Hauler PINK - Owner GOLD - Contractor

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN

Chapter 144, Wis. Stats.
Form 4400-66P Rev. 10-93

ALL COPIES MUST BE LEGIBLE, PLEASE TYPE

State of Wisconsin
Department of Natural Resources
Bureau of Solid and Hazardous Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-3(

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD000513000
Manifest Document No.: [illegible]
2. Page 1 of 1
Information in the shaded are is not required by Federal lav

3. Generator's Name and Mailing Address
J.L. CLARK
2300 WISCONSIN AVENUE
Site Location If Different: DOWNERS GROVE, IL 60515
4. Generator's Phone (708)969-6100

A. State Manifest Document Number: WIJ487754
B. State Generator's ID

5. Transporter 1 Company Name: J.B.Hunt-Special Commodities,Inc.
6. US EPA ID Number: ARD981908551
C. State Transporter's ID: 3091
D. Transporter's Phone: 800-530-78(

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
Waste Research & Reclamation Co., Inc
5200 State Rd. 93
Eau Claire, WI 54701
10. US EPA ID Number: WID990829475
G. State Facility's ID
H. Facility's Phone: 715-834-9624

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-WASTE PAINT RELATED MATERIAL, 3 UN1263, PGII (F005)	005	DM	02000	P	F 0 0
b. RQ-WASTE PAINT RELATED MATERIAL, 3 UN1263, PGIII (D001)	001	DM	00400	P	D 0 0
c. RQ-WASTE HALOGENATED IRRITATING LIQUID,N.O.S. (1-1-1 TRICHLOROETHANE/TOLUENE), 6.1 UN1610, PGIII (F001)	001	DM	00400	P	F 0 0
d.					

J. Additional Descriptions for Materials Listed Above
a. 9308073-1FA
b. 9402080-1FA
c. 9402081-1RM508

K. Handling Codes for Wastes Listed Abo
a. F001/F003/D001
c. F003/F005

15. Special Handling Instructions and Additional Information

24 HOUR EMERGENCY PHONE 708-969-6100

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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 & Position Title	Signature	Date (Month Day Ye)
[illegible]	[signature]	4 13 9

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (Month Day Ye)
[illegible]	[signature]	04 15 9

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (Month Day Ye)

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 & Position Title	Signature	Date (Month Day Ye)
Dean Sabin Foreman	[signature]	04 14 9

GENERATOR / TRANSPORTER / FACILITY

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Generat
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Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 5-
FACILITY SEND TO GENERATOR

cc: G. Cukurski 2/14/

J. L. Clark

Date: February 16, 1994

To: John Benton

By: Jim Klotz JK

Copies to: Greg Gann/Gordon VerWeyst

Reference: J. L. Clark-Tube Division

Subject: Hazardous Waste Report

Confirming our discussion with the Illinois EPA, due to the elimination of the oil/water waste stream with the installation of the Oilpure System, we changed the status of your waste generators category with last year's filing. With this change, we are not required to submit the annual hazardous waste report and that is why we did not receive a packet this year.

We will still need to review our waste disposal practices on a regular basis and certainly on an annual basis to assure that our status does not change which would require reporting. Should you have any questions, please let us know.

Jim Klotz

DATE: February 22, 1996

TO: ~~GLEN CECKOWSKI~~

FROM: BILL PRUYNE

COPIES TO: JOHN BENTON, AL MOORE

REFERENCE: TUBE DIVISION

SUBJECT: 1995 CRTK--MANIFEST SUBMISSIONS

I AM SUBMITTING TO YOU COPIES OF THE 1995 HAZARDOUS MATERIALS MANIFESTS THAT WERE GENERATED AT THE TUBE DIVISION.

PLEASE ADVISE IF YOU HAVE ANY QUESTIONS OR OTHER NEEDS.

Jim

Here are Tube Div. Manifests for 1995.

Quantities are totaled on Summary sheet.

Please advise

Glenn 2/26

02/21/96 1995 MANIFESTS
TUBE DIVISION

MANIFEST	FACILITY	DATE				
IL5575833	SAFTEY-KLEEN	01/18/95	NA 1993	-	81 gal.	
(1) WIJ426033	~~WASTE RESEARCH~~	~~02/22/95~~			10000 lbs.	NA 1263 - 25 drum
WIJ593284	WASTE RESEARCH	02/22/95			2400 lbs.	NA 1263 - 6 drums
IL5576814	SAFETY-KLEEN	04/10/95	NA 1993	-	79 gal.	
WIJ544054	WASTE RESEARCH	05/23/95			2000 lbs.	NA 1263 - 5 drums
IL5640705	SAFETY-KLEEN	07/06/95	NA 1993	-	82 gal.	
IL5506949	SAFETY-KLEEN	09/25/95	NA 1993	-	80 gal.	
IL6690225	BEAVER OIL	09/26/95	oil/water	-	400 gal	- 1 Tote Tank
WIJ647766	WASTE RESEARCH	10/11/95			3200 lbs.	NA 1263 - 7 drum
IL5635724	SAFETY-KLEEN	12/14/95	NA 1993	-	79 gal.	
WIJ635051	WASTE RESEARCH	01/17/96				

NA 1263

7600 lbs., 18 drums, 990 gals.

NA 1993

401 gal

OIL/WATER

400 gal.

(1) Sent to Tube Div. by mistake, B. Payne to send the original to T. Klotz's attention. 2/26/96

SAFETY-KLEEN CORP.
STATE PRESCRIBED FORM P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761
State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE.

5-034-01

NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH

EPA Form 8700-22 (6-89)

Form Approved. OMB No. 2050-0039 Expires 9-30-94

UNIFORM ~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: 52396

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address — Location if Different:
J L CLARK
2300 WISCONSIN
DOWNERS GROVE, IL. 60515

4. Generator's Phone (708) 969-6100

A. Illinois Manifest Document Number: IL 5575833 MANIFEST FEE PAID

B. Illinois Generator's ID: 0438030002

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.

6. US EPA ID Number: ILD 984908202

C. Illinois Transporter's ID: 1123

D. Transporter's Phone: 708 468-6510

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. Illinois Transporter's ID:

F. ( ) Transporter's Phone:

9. Designed Facility Name and Site Address: 503401
SAFETY-KLEEN CORP.
1500 VILLA STREET
ELGIN, IL 60120

10. US EPA ID Number: ILD 000805911

G. Illinois Facility's ID: 0314380001

H. Facility's Phone: 708 468-6560

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. COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA) NA1993 PGIII (NOT USEPA HAZARDOUS WASTE)(ERG#27)	005	DM	00081	G	EPA HW Number: [illegible] Authorization Number: 000367
b.					[illegible]
c.					[illegible]
d.					[illegible]

RECEIVED JAN 23 1995

[illegible] Additional Descriptions for Materials Listed Above [illegible]

Handling Codes for Wastes Item #14: G Gallons [illegible]

15. Special Handling Instructions and Additional Information
5-034-01- 9457 PP#852396
EMERGENCY RESP #708-888-4660 24HR.
SKDOT# A: 557 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 Illinois 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: Linn Vehslage — Signature: [signature] — Date: Month 01 Day 18 Year 95

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Klaus Reissenweber — Signature: Klaus Reissenweber — Date: Month 01 Day 18 Year 95

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Date: 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: Lora Sullivan — Signature: Lora Sullivan — Date: Month 01 Day 18 Year 95

GENERATOR / TRANSPORTER / FACILITY

This Agency is authorized to require, pursuant to Illinois Revised Statutes 1989, Chapter 111½ Sections 1004 and 102, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

IL10016 COPY 1 TSD MAIL TO GENERATOR

Contact the National Response Center at 800/424-8802 or 202/426-2675.

STATE OF WISCONSIN
Chapter 144, Wis. Stats.
Form 4400-66P Rev. 10-93

ALL COPIES MUST BE LEGIBLE, PLEASE TYPE

State of Wisconsin
Department of Natural Resources
Bureau of Solid and Hazardous Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-3

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD000513000
Manifest Document No.: 212195
2. Page 1 of 1
Information in the shaded are is not required by Federal la

3. Generator's Name and Mailing Address
J.L. CLARK
2300 WISCONSIN AVENUE DOWNERS GROVE, IL 60515
Site Location If Different
4. Generator's Phone (708-969-6100

A. State Manifest Document Number: WI.1593284
B. State Generator's ID

5. Transporter 1 Company Name: J.B. Hunt-Special Commodities, Inc.
6. US EPA ID Number: ARD981908551
C. State Transporter's ID: 3091
D. Transporter's Phone: 800-530-786

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
WRR ENVIRONMENTAL SERVICES CO., INC.
5200 State Rd. 93
Eau Claire, WI 54701
10. US EPA ID Number: WID990829475
G. State Facility's ID
H. Facility's Phone: 715-834-9624

GENERATOR

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.
aRQ-WASTE PAINT RELATED MATERIAL, 3 UN1263, PGII (F005)	006	DM	02400	P	F005
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above: [redacted]
K. Handling Codes for Wastes Listed Above: a. F001/F005/D001

15. Special Handling Instructions and Additional Information

24 HOUR EMERGENCY PHONE 708-969-6100

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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 & Position Title: Tom Peterson Shipping Mgr.
Signature: [signature]
Date (Month Day Year): 2 22 95

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: Sherman Hanson Driver
Signature: [signature]
Date (Month Day Year): 02 22 95

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title
Signature
Date (Month 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 & Position Title
Signature
Date (Month Day Year)

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Generator
6 — Transporter retain
Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 1-
GENERATOR SEND TO WIS. DNR

STATE PRESCRIBED FORM P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

5-034-01 State Form LPC 62 8/81 IL532-0610

NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH EPA Form 8700-22 (6-89) Form Approved. OMB No. 2050-0039 Expires 9-30-9

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000 — Manifest Document No.: 54420

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address — Location if Different:
JL CLARK
2300 WISCONSIN
DOWNERS GROVE, IL. 60515

4. Generator's Phone (708) 969-6100

A. Illinois Manifest Document Number: IL 5576814 — MANIFEST FEE PAID

B. Illinois Generator's ID: 0438030002

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.

6. US EPA ID Number: ILD 984908202

C. Illinois Transporter's ID: 1123

D. (708 468-6510 Transporter's Phone

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. Illinois Transporter's ID:

F. ( ) Transporter's Phone

9. Designed Facility Name and Site Address 503401
SAFETY-KLEEN CORP.
1500 VILLA STREET
ELGIN, IL 60120

10. US EPA ID Number: ILD 000805911

G. Illinois Facility's ID: 0314380001

H. Facility's Phone: 708 468-6560

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. COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA) NA1993 PGIII (NOT USEPA HAZARDOUS WASTE)(ERG#27)	005	DM	00079	G	EPA HW Number: XXNH7W; Authorization Number: 000367
b.					EPA HW Number: XX; Authorization Number:
c.					EPA HW Number: XX; Authorization Number:
d.					EPA HW Number: XX; Authorization Number:

APR 13

J.L. CLARK-TULE DIVISION DOWNERS GROVE, IL

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above in Item #14

15. Special Handling Instructions and Additional Information
5-034-01- 9457 PP# 154420
EMERGENCY RESP #708-888-4660 24HR.
SKDOT# A: 557 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 Illinois regulations.

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Printed/Typed Name	Signature	DATE Month Day Year
Linn Vehslage	Linn Vehslage	04 10 95

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	DATE Month Day Year
Klaus Reissenweber	Klaus Reissenweber	04 10 95

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	DATE 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	Signature	DATE Month Day Year
SUSAN K GUGLIELMI	Susan K Guglielmi	04 10 95

GENERATOR — TRANSPORTER — FACILITY

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IL10016

COPY 1 TSD MAIL TO GENERATOR

STATE OF WISCONSIN
Chapter 144, Wis. Stats.
Form 4400-66P Rev. 10-93

ALL COPIES MUST BE LEGIBLE, PLEASE TYPE

State of Wisconsin
Department of Natural Resources
Bureau of Solid and Hazardous Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-3

GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD000513000

Manifest Document No.: 523195

2. Page 1 of 1

Information in the shaded ar is not required by Federal la

3. Generator's Name and Mailing Address
J.L. CLARK
2300 WISCONSIN AVENUE

Site Location If Different
DOWNERS GROVE, IL 60515

4. Generator's Phone (708)-969-6100

A. State Manifest Document Number: WIJ544054

B. State Generator's ID

5. Transporter 1 Company Name: J.B. Hunt-Special Commodities, Inc.

6. US EPA ID Number: ARD981908551

C. State Transporter's ID: 8091

D. Transporter's Phone: 800-368-85

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
WRR ENVIRONMENTAL SERVICES CO., INC.
5200 State Rd. 93
Eau Claire, WI 54701

10. US EPA ID Number: WID990829475

G. State Facility's ID

H. Facility's Phone: 715-834-9624

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-WASTE PAINT RELATED MATERIAL, 3 UN1263, PGII (F005)	005	DM	02000	P	F 0 0
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above: a. 9308073-1FA

K. Handling Codes for Wastes Listed Abov: D.F003/F001/D001

15. Special Handling Instructions and Additional Information

24 HOUR EMERGENCY PHONE 708-969-6100

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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 & Position Title	Signature	Date (Month Day Year)
Tom J Peterson SHIPPING MGR	[signature]	5 23 95

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (Month Day Year)
Berry Wood Driver	Berry Wood	05 23 95

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (Month 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 & Position Title	Signature	Date (Month Day Year)

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

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Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 1-
GENERATOR SEND TO WIS. DNR

STATE OF ILLINOIS
SAFETY-KLEEN CORP.
STATE PRESCRIBED FORM
5-034-01

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL
P.O. BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761
State Form LPC 62 8/81 IL532-0610
EPA Form 8700-22 (6-89)

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE.

NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH

Form Approved. OMB No. 2050-0039 Expires 9-30-9

UNIFORM ~~HAZARDOUS~~ WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: 67610
2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address
J L CLARK
2300 WISCONSIN AVE.
DOWNERS GROVE, IL. 60515
Location if Different:

4. Generator's Phone (708) 969-6100

A. Illinois Manifest Document Number: IL 5640705 MANIFEST FEE PAID
B. Illinois Generator's ID: 0438030002
C. Illinois Transporter's ID: 1123
D. 708 468-6510 Transporter's Phone
E. Illinois Transporter's ID
F. ( ) Transporter's Phone
G. Illinois Facility: 0314380001
H. Facility's Phone: 708 468-6560

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD 984908202

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designed Facility Name and Site Address: 503401
SAFETY-KLEEN CORP.
1500 VILLA STREET
ELGIN, IL 60120
10. US EPA ID Number: ILD 000805911

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA) NA1993 PGIII (NOT USEPA HAZARDOUS WASTE)(ERG#27)	025	DM	00082	G
b.				
c.				
d.				

15. Special Handling Instructions and Additional Information
5-034-01-9457 PP# 767610
EMERGENCY RESP #708-888-4660 24HR.
SKDOT# A: 557 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 Illinois 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	Signature	DATE Month	Day	Year
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	DATE Month	Day	Year
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	DATE 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	Signature	DATE Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

This Agency is authorized to require, pursuant to Illinois Revised Statutes 1989, Chapter 111½ Sections 1004 and 102, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

IL10016

COPY 6. GENERATOR COPY

SAFETY-KLEEN CORP P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761
STATE PRESCRIBED FORM State Form LPC 62 8/81 IL532-0610 FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE.

5-034-01

NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH EPA Form 8700-22 (6-89) Form Approved. OMB No. 2050-0039 Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: 47210
2. Page 1 of 1
Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address: J L CLARK, 2300 WISCONSIN, DOWNERS GROVE, IL. 60515
Location if Different:
4. Generator's Phone (708) 969-6100

A. Illinois Manifest Document Number: IL 5506949 MANIFEST FEE PAID
B. Illinois Generator's ID: 0438030002

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD 984908202
C. Illinois Transporter's ID: 1123
D. (708) 468-6510 Transporter's Phone

7. Transporter 2 Company Name
8. US EPA ID Number
E. Illinois Transporter's ID
F. ( ) Transporter's Phone

9. Designed Facility Name and Site Address 503401: SAFETY-KLEEN CORP. 1500 VILLA STREET, ELGIN, IL 60120
10. US EPA ID Number: ILD 000805911
G. Illinois Facility's ID: 0314380001
H. Facility's Phone: (708) 468-6560

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. COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA) NA1993 PGIII (NOT USEPA HAZARDOUS WASTE) (ERG#27)	005	DM	00080	G	EPA HW Number: X XNHZW; Authorization Number: 000367
b.					EPA HW Number: X X; Authorization Number:
c.					EPA HW Number: X X; Authorization Number:
d.					EPA HW Number: X X; Authorization Number:

SEP 28

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above in Item #14
G = Gallons Y = Cubic Yards

15. Special Handling Instructions and Additional Information
5-034-01-9457 PP# 147210
EMERGENCY RESP #708-888-4660 24HR.
SKDOT# A: 557 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 Illinois regulations.

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Printed/Typed Name: Cory E Holman
Signature
Date: Month 09 Day 25 Year 95

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Klaus Reissenweber
Signature: Klaus Reissenweber
Date: Month 09 Day 25 Year 95

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Date: Month 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: Lora Sullivan
Signature: Lora Sullivan
Date: Month 09 Day 25 Year 95

This Agency is authorized to require, pursuant to Illinois Revised Statutes 1989, Chapter 111½ Sections 1004 and 102, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

IL10016 COPY 1. TSD MAIL TO GENERATOR

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/81 IL532-0610

PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039, Expires 9-30-9

UNIFORM ~~HAZARDOUS~~ WASTE ~~MANIFEST~~

1. Generator's US EPA ID No.: ILD005130000 | Manifest Document No.

2. Page 1 of

Information in the shaded areas is no required by Federal law, but is required b Illinois law.

3. Generator's Name and Mailing Address — Location If Different

J L CLARK
2300 WISCONSIN AVE
DOWNERS GROVE IL 60515

A. Illinois Manifest Document Number: IL6690225 FEE PAID IF APPLICABL

B. Illinois Generator's ID: 0 4 3 8 0 3 0 0 0 2

4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (708) 969-6100

5. Transporter 1 Company Name: BEAVER OIL CO., INC.

6. US EPA ID Number: ILD064418353

C. Illinois Transporter's ID: 0 0 1

D. (708) 354-4040 Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. Illinois Transporter's ID

F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address

BEAVER OIL CO., INC.
6037 LENZI AVENUE
HODGKINS, IL 60525

10. US EPA ID Number: ILD064418353

G. Illinois Facility's ID: 0 3 0 0 2 6 0 0 0 1

H. Facility's Phone: (708) 354-4040

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. NOT D.O.T. REGULATED USED OIL/WATER	001	TT	00400	G	EPA HW Number XX; Authorization Number
b.					EPA HW Number XX; Authorization Number
c.					EPA HW Number XX; Authorization Number
d.					EPA HW Number XX; Authorization Number

[redacted] Gallons Cubic Yards

15. Special Handling Instructions and Additional Information

J L CLARK APV #CL3J29J

24 HOUR EMERGENCY PHONE NO: (708) 354-4040

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	Signature	Date Month Day Year
Lynn Vehslage	Lynn Vehslage	092695

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month Day Year
Bill Johnson	Bill Johnson	092695

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date 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	Signature	Date Month Day Year
D. KUBICKI	D. Kubicki	092695

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

COPY 1. TSD MAIL TO GENERATOR

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN

Chapter 144, Wis. Stats.
Form 4400-66P Rev. 5-95

ALL COPIES MUST BE LEGIBLE, PLEASE TYPE

State of Wisconsin
Department of Natural Resources
Bureau of Solid and Hazardous Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-3(

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. ILD000513000	Manifest Document No. 647766	2. Page 1 of 1	Information in the shaded area is not required by Federal law

3. Generator's Name and Mailing Address J.L. CLARK 2300 WISCONSIN AVENUE	Site Location If Different DOWNERS GROVE, IL 60515	A. State Manifest Document Number WI 1647766
4. Generator's Phone (708-969-6100		B. State Generator's ID
5. Transporter 1 Company Name J.B. Hunt-Special Commodities, Inc.	6. US EPA ID Number ARD981908551	C. State Transporter's ID 3091 D. Transporter's Phone 800-368-85
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 WRR ENVIRONMENTAL SERVICES, CO. INC. 5200 State Rd. 93 Eau Claire, WI 54701	10. US EPA ID Number WID990829475	G. State Facility's ID H. Facility's Phone 715-834-9624

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-WASTE PAINT RELATED MATERIAL, 3 UN1263, PGII (F005)	607	DM	13200	P	F003
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above	K. Handling Codes for Wastes Listed Above
a. 9308073-1FA	a. F003|F001|D001

15. Special Handling Instructions and Additional Information

24 HOUR EMERGENCY PHONE 708-892-4458

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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 & Position Title	Signature	Date (Month Day Year)
THOMAS J PETERSON SHIPPING & RECEIVING	[signature]	10/1/95

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (Month Day Year)
BERRY WOOD Driver	Berry Wood	10/1/95

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (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 & Position Title	Signature	Date (Month Day Year)

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Generator
6 — Transporter retain

Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 1-
GENERATOR SEND TO WIS. DNR

STATE OF ILLINOIS — ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

SAFETY-KLEEN CORP. P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

STATE PRESCRIBED FORM State Form LPC 62 8/91 IL532-0610 — FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE.

5-034-01

NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH — EPA Form 8700-22 (6-89) — Form Approved. OMB No. 2050-0039 Expires 9-30-96

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD005130000
Manifest Document No.: 36334
2. Page 1 of 1
Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address — Location if Different:
J L CLARK
2300 WISCONSIN
DOWNERS GROVE, IL. 60515
4. Generator's Phone (708) 969-6100

A. Illinois Manifest Document Number: IL 5635724 — MANIFEST FEE PAID
B. Illinois Generator's ID: 0438030002

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD 984908202
C. Illinois Transporter's ID: 1123
D. 708 468-6510 Transporter's Phone

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. Illinois Transporter's ID:
F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address: 503401
SAFETY-KLEEN CORP.
1500 VILLA STREET
ELGIN, IL 60120
10. US EPA ID Number: ILD 000805911
G. Illinois Facility's ID: 0314380001
H. Facility's Phone: 708 468-6560

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. COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA) NA1993 PGIII (NOT USEPA HAZARDOUS WASTE)(ERG#27)	005	DM	00079	G	EPA HW Number X X [redacted] A; Authorization Number 0003617
b.					EPA HW Number X X; Authorization Number
c.					EPA HW Number X X; Authorization Number
d.					EPA HW Number X X; Authorization Number

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above in Item #14

15. Special Handling Instructions and Additional Information
5-034-01- 9457 PP# 836334
EMERGENCY RESP #708-888-4660 24HR.
SKDOT# A: 557 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 Illinois regulations.

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GENERATOR — Printed/Typed Name: JOE BERONSKY — Signature: Joe Beronsky — DATE Month Day Year: 12 14 95

TRANSPORTER — 17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: Klaus Keissewweber — Signature: Klaus Keissewweber — DATE Month Day Year: 12 14 95

18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name: — Signature: — DATE Month 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: Lora Sullivan — Signature: Lora Sullivan — DATE Month Day Year: 12 14 95

This Agency is authorized to require, pursuant to Illinois Revised Statutes 1989, Chapter 111½ Sections 1004 and 102, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

IL10016 COPY 1. TSD MAIL TO GENERATOR

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN

Chapter 144, Wis. Stats.
Form 4400-66P Rev. 5-95

ALL COPIES MUST BE LEGIBLE, PLEASE TYPE

State of Wisconsin
Department of Natural Resources
Bureau of Solid and Hazardous Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD000513000
Manifest Document No.: 111716
2. Page 1 of 1
Information in the shaded ar is not required by Federal la

3. Generator's Name and Mailing Address
J.L. CLARK
2300 WISCONSIN AVENUE
DOWNERS GROVE, IL 60515

Site Location If Different

A. State Manifest Document Number: WI J635051
B. State Generator's ID

4. Generator's Phone (708-969-6100

5. Transporter 1 Company Name: J.B. Hunt-Special Commodities, Inc.
6. US EPA ID Number: ORD981908551
C. State Transporter's ID: 3891
D. Transporter's Phone: 800-368-85

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
WRR ENVIRONMENTAL SERVICES, CO. INC.
5200 State Rd. 93
Eau Claire, WI 54701
10. US EPA ID Number: WID990829475
G. State Facility's ID
H. Facility's Phone: 715-834-9624

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-WASTE PAINT RELATED MATERIAL, 3 UN1263, PGII (F005)	008	DM	03200	P	F001
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
a. 9308073-1FA

K. Handling Codes for Wastes Listed Abo
a. F001/F003/D001

15. Special Handling Instructions and Additional Information

24 HOUR EMERGENCY PHONE 708-969-6100

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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 & Position Title: THOMAS J PETERSON SHIPPING MGR
Signature
Date: Month Day Ye

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: DONALD RONNEI DRIVER
Signature
Date: Month Day Ye

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title
Signature
Date: Month Day Ye

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 & Position Title
Signature
Date: Month Day Yea

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Generato
6 — Transporter retain
Copies 1 & 3 mail to Wis. DNR at above address

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 1-
GENERATOR SEND TO WIS. DNR

DATE: February 11, 1997

TO: JIM KLOTZ

FROM: BILL PRUYNE

COPIES TO: J. BENTON, A. MOORE

REFERENCE: TUBE DIVISION

SUBJECT: 1996 ENVIRONMENTAL REPORTING

AS REQUESTED IN YOU MEMO OF 1-15-97, I HAVE ENCLOSED THE FOLLOWING:

1. SUMMARY OF ALL REFUSE SHIPPED OUT OF THE TUBE DIVISION IN 1996. IT IS BROKEN OUT BETWEEN SOLID REFUSE AND CORRUGATED REFUSE.

2. SUMMARY OF ALL MANIFESTED WASTE SHIPPED OUT FROM THE TUBE DIVISION IN 1996. I HAVE ENCLOSED COPIES OF ALL THE MANIFESTS.

PLEASE ADVISE IF YOU HAVE ANY QUESTIONS ABOUT THIS SUBMISSION.

TUBE DIVISION

1996

MONTHLY REFUSE IN YARDS

MONTH	REFUSE	CORR.
JANUARY	61	82
FEBRUARY	60	75
MARCH	58	89
APRIL	56	93
MAY	62	88
JUNE	58	88
JULY	64	77
AUGUST	51	78
SEPTEMBER	48	71
OCTOBER	51	83
NOVEMBER	49	71
DECEMBER	57	63
TOTALS	674	958

TUBE DIVISION

MANIFESTED WASTE SHIPMENTS--1996

DATE	VENDOR	DESCRIPTION	QUANTITY	MAINFEST
01/17/96	WRR	WASTE SOLVENT	440 GAL.	WIJ635051
03/14/96	SAFETY-KLEEN	PARTS SOLVENT	81 GAL	ID5723616
03/27/96	WRR	WASTE SOLVENT	440 GAL	WIJ671134
03/27/96	BEAVER OIL	OILY WATER	330 GAL	IL6766001
06/05/96	SAFETY-KLEEN	PARTS SOLVENT	81 GAL	IL5800093
07/17/96	WRR	WASTE SOLVENT	385 GAL	WIJ680506
08/28/96	SAETY-KLEEN	PARTS SOLVENT	73 GAL	IL5839833
09/09/96	BEAVER OIL	OILY WATER	250 GAL	IL7220170
11/06/96	WRR	WASTE SOLVENT	330 GAL	WIJ769046

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN

Chapter 144, Wis. Stats.
Form 4400-66P Rev. 5-95

ALL COPIES MUST BE LEGIBLE, PLEASE TYPE

State of Wisconsin
Department of Natural Resources
Bureau of Solid and Hazardous Waste Mgt.,
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-3(

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: [illegible]
Manifest Document No.: 11746
2. Page 1 of
Information in the shaded area is not required by Federal law

3. Generator's Name and Mailing Address
J.L. CLARK
2300 WISCONSIN AVENUE
Site Location If Different: DOWNERS GROVE, IL 60515
4. Generator's Phone (708)969-6100

A. State Manifest Document Number: WI 1635051
B. State Generator's ID

5. Transporter 1 Company Name: [illegible]
6. US EPA ID Number: [illegible]
C. State Transporter's ID: 1091
D. Transporter's Phone: 800-360-[illegible]

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
WRR ENVIRONMENTAL SERVICES, CO. INC.
5200 State Rd. 93
[illegible]
10. US EPA ID Number: WID990829475
G. State Facility's ID
H. Facility's Phone: 715-[illegible]

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-WASTE PAINT RELATED MATERIAL, 3 [illegible]	008	[illegible]	03200	[illegible]	[illegible]
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
a. 9308073-1FA

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
[illegible] 708-969-6100

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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 & Position Title	Signature	Date (Month Day Year)
[illegible]	[illegible]	4 / 17

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (Month Day Year)
DONALD RONVEI [illegible]	[illegible]	01 / 17 / 7

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (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 & Position Title	Signature	Date (Month Day Year)
Robert A Kowell [illegible]	[illegible]	01 / 17 / [illegible]

GENERATOR / TRANSPORTER / FACILITY

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Genera
6 — Transporter retain

Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 5-
FACILITY SEND TO GENERATOR

STATE OF ILLINOIS
SAFETY-KLEEN CORP.
STATE PRESCRIBED FORM
5-034-01 OL
NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761
State Form LPC 62 8/81 IL532-0610
EPA Form 8700-22 (6-89)

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE.
Form Approved. OMB No. 2050-0039 Expires 9-30-96

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD 005130000
Manifest Document No.: 60381
2. Page 1 of 1
Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address / Location if Different:
J L CLARK
ATTN BILL PYRNE
2300 WISCONSIN
DOWNERS GROVE IL 60515
4. Generator's Phone (708 969-6100

A. Illinois Manifest Document Number: IL 5723616 — MANIFEST FEE PAID
B. Illinois Generator's ID: 0438030002

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD 984908202
C. Illinois Transporter's ID: 1123
D. Transporter's Phone: 847 468-6560

7. Transporter 2 Company Name
8. US EPA ID Number
E. Illinois Transporter's ID
F. Transporter's Phone

9. Designed Facility Name and Site Address: 503401
SAFETY-KLEEN CORP.
1500 VILLA STREET
ELGIN, IL 60120
10. US EPA ID Number: ILD 000805911
G. Illinois Facility's ID: 0314380001
H. Facility's Phone: 847 468-6560

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. COMBUSTIBLE LIQUID,N.O.S. (PETROLEUM NAPHTHA) NA1993 PGIII (NOT USEPA HAZARDOUS WASTE)(ERG#27)	005	DM	00081	G	EPA HW Number: X X; Authorization Number: 0100367
b.					EPA HW Number: X X; Authorization Number:
c. MAD					EPA HW Number: X X; Authorization Number:
d.					EPA HW Number: X X; Authorization Number:

J. Additional Descriptions for Materials Listed Above: IA) NHZW
K. Handling Codes for Wastes Listed Above in Item #14

15. Special Handling Instructions and Additional Information
PP# 960381 MFST REQ# 91527198 5-034-01-9457
EMERGENCY RESP#800-468-1760(24 HR). IF UNDELIVERABLE RETURN TO GENERATOR.
SK CORP AUTHORIZED TO RETAIN LICENSED SUBSEQUENT CARRIERS AS NECESSARY.
SKDOT# A: 557 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 Illinois 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	Signature	Date (Month Day Year)
J. BIERODSKY	J Bierodsky	03 14 96

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Klaus Reissenweber	Klaus Reissenweber	03 14 96

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space
III I should read 000367
Date in line 16 should read 03/14/96

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	Date (Month Day Year)
Lora Sullivan	Lora Sullivan	03 14 96

is authorized to require, pursuant to Illinois Revised Statutes 1989 Chapter 111½ Sections 1004 and 102, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management

COPY 1. TSD MAIL TO GENERATOR

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN

Chapter 144, Wis. Stats.
Form 4400-66P Rev. 5-95

ALL COPIES MUST BE LEGIBLE, PLEASE TYPE

State of Wisconsin
Department of Natural Resources
Bureau of Solid and Hazardous Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-3(

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD000513000
Manifest Document No.: 61000
2. Page 1 of 1
Information in the shaded area is not required by Federal law

3. Generator's Name and Mailing Address
J.L. CLARK
2300 WISCONSIN AVENUE
Site Location If Different: DOWNERS GROVE, IL 60515
4. Generator's Phone (708) 969-6100

A. State Manifest Document Number: WI J671134
B. State Generator's ID:
C. State Transporter's ID: 3091
D. Transporter's Phone: 800-368-85.
E. State Transporter's ID:
F. Transporter's Phone:
G. State Facility's ID:
H. Facility's Phone: 715-834-9624

5. Transporter 1 Company Name: J.B. Hunt-Special Commodities, Inc.
6. US EPA ID Number: ARD981908551
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address
WRR ENVIRONMENTAL SERVICES, CO INC.
5200 State Rd. 93
Eau Claire, WI 54701
10. US EPA ID Number: WID990829475

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-WASTE PAINT RELATED MATERIAL, 3 UN1263, PGII (F005)	008	DM	2820	P	F 0 0
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
a. 9308073-1FA

K. Handling Codes for Wastes Listed Abov
a. F001/F003/D001

15. Special Handling Instructions and Additional Information

24 HOUR EMERGENCY PHONE _____

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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 & Position Title	Signature	Date (Month Day Ye)
Thomas J Peterson Shipping Mgr.	[signature]	03 27 9

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (Month Day Ye)
Howard L Long	[signature]	03 27 9

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials

Printed/Typed Name & Position Title	Signature	Date (Month Day Ye)

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 & Position Title	Signature	Date (Month Day Ye)

GENERATOR / TRANSPORTER / FACILITY

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Generat
6 — Transporter retain

Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 2-
GENERATOR RETAIN

STATE OF ILLINOIS ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/81 IL532-0610

PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039, Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD005130000 | Manifest Document No. | 2. Page 1 of | Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address | Location If Different
J L CLARK
2300 WISCONSIN AVE
DOWNERS GROVE IL 60515
(708) 969-6100

A. Illinois Manifest Document Number IL6766001 FEE PAID IF APPLICABLE

B. Illinois Generator's ID 0 4 3 8 0 3 0 0 0 2 0 0 1

4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS*

5. Transporter 1 Company Name: BEAVER OIL CO., INC.
6. US EPA ID Number: ILD064418353

C. Illinois Transporter's ID
D. ( ) 708 354-4040 Transporter's Phone

7. Transporter 2 Company Name
8. US EPA ID Number

E. Illinois Transporter's ID
F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address
BEAVER OIL CO., INC.
6037 LENZI AVENUE
HODGKINS, IL 60525
10. US EPA ID Number: ILD064418353

G. Illinois Facility's ID 0 3 1 1 2 6 0 0 0 1
H. Facility's Phone ( ) 708 354-4040

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. NOT D.O.T. REGULATED USED OIL/WATER	00.1	TT	00330	G	EPA HW Number XX Authorization Number
b.					EPA HW Number XX Authorization Number
c.					EPA HW Number XX Authorization Number
d.					EPA HW Number XX Authorization Number

J. Additional Description for Materials Listed Above
ITEM A HAS A FLASH POINT ABOVE 200 DEGREES F
EPA CLASSIFICATION FOR ITEM A IS NON-HAZARDOUS.

K. Handling Codes for Wastes Listed Above in Item #14
G = Gallons Y = Cubic Yards

15. Special Handling Instructions and Additional Information
J L CLARK CL3J29J
24 HOUR EMERGENCY PHONE NO: (708) 354-4040

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: X Cory Holman | Signature: [signature] | Date (Month Day Year): 032796

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: James Hogg | Signature: [signature] | Date (Month Day Year): 032796

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date (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: JEN GARDNER | Signature: [signature] | Date (Month Day Year): 032796

GENERATOR / TRANSPORTER / FACILITY

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

COPY 1. TSD MAIL TO GENERATOR

STATE OF ILLINOIS
SAFETY-KLEEN CORP.
STATE PRESCRIBED FORM
5-034-01 OL
NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761
State Form LPC 62 8/81 IL532-0610
EPA Form 8700-22 (6-89)

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE.
Form Approved. OMB No. 2050-0039 Expires 9-30-96

In case of a spill call the Illinois Office of Emergency

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD 005130000
Manifest Document No. 72191
2. Page 1 of 1
Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address
J L CLARK
ATTN BILL PYRNE
2300 WISCONSIN
DOWNERS GROVE IL 60515
Location if Different:
4. Generator's Phone (708 969-6100

A. Illinois Manifest Document Number IL 5800093 MANIFEST FEE PAID
B. Illinois Generator's ID 0438030002
C. Illinois Transporter's ID 1123
D. 847 468-6560 Transporter's Phone

5. Transporter 1 Company Name SAFETY-KLEEN CORP.
6. US EPA ID Number ILD 984908202
7. Transporter 2 Company Name
8. US EPA ID Number
E. Illinois Transporter's ID
F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address 503401
SAFETY-KLEEN CORP.
1500 VILLA STREET
ELGIN, IL 60120
10. US EPA ID Number ILD 000805911
G. Illinois Facility's ID 0314380001
H. Facility's Phone 847 468-6560

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. COMBUSTIBLE LIQUID,N.O.S. (PETROLEUM NAPHTHA) NA1993 PGIII (NOT USEPA HAZARDOUS WASTE)(ERG#27)		DM		G	EPA HW Number X X; Authorization Number 000367
b.					EPA HW Number X X; Authorization Number
c.					EPA HW Number X X; Authorization Number
d.					EPA HW Number X X; Authorization Number

J. Additional Descriptions for Materials Listed Above
IA) NHZW

K. Handling Codes for Wastes Listed Above in Item #14

15. Special Handling Instructions and Additional Information PP# 372191 MFST REQ# 91901773 5-034-01-9457
EMERGENCY RESP#800-468-1760(24 HR). IF UNDELIVERABLE RETURN TO GENERATOR.
SK CORP AUTHORIZED TO RETAIN LICENSED SUBSEQUENT CARRIERS AS NECESSARY.
SKDOT# A: 557 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 Illinois regulations.

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GENERATOR — Printed/Typed Name: [illegible] — Signature: [illegible] — DATE Month 6 Day 5 Year 96

TRANSPORTER
17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: [illegible] — Signature: [illegible] — DATE Month Day Year
18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name — Signature — DATE Month 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 — DATE Month Day Year

This Agency is authorized to require, pursuant to Illinois Revised Statutes 1989, Chapter 111½ Sections 1004 and 102, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

COPY 6. GENERATOR COPY

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN
Chapter 144, Wis. Stats.
Form 4400-66P Rev. 5-95

WISCONSIN DEPT OF NATURAL RESOURCES

ALL COPIES MUST BE LEGIBLE, PLEASE TYPE

State of Wisconsin
Department of Natural Resources
Bureau of Solid and Hazardous Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-3

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD000513000

Manifest Document No.: 711796

2. Page 1 of 1

Information in the shaded are is not required by Federal lav

3. Generator's Name and Mailing Address
J.L. CLARK
2300 WISCONSIN AVENUE DOWNERS GROVE, IL 60515

Site Location If Different

4. Generator's Phone (708)969-6100

A. State Manifest Document Number: WI J680506

B. State Generator's ID

5. Transporter 1 Company Name: J.B. Hunt-Special Commodities, Inc.

6. US EPA ID Number: ARD981908551

C. State Transporter's ID: 1091

D. Transporter's Phone: 800-368-85

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
WRR Environmental Services Co., Inc
5200 State Rd. 93
Eau Claire, WI 54701

10. US EPA ID Number: WID990829475

G. State Facility's ID

H. Facility's Phone: 715-834-9624

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-WASTE PAINT RELATED MATERIAL, 3 UN1263, PGII (F005)	017	DM	02800	P	F001
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
a. 9308073-1FA

K. Handling Codes for Wastes Listed Abov
a. F001 F003 D001

15. Special Handling Instructions and Additional Information

24 HOUR EMERGENCY PHONE 708 969 6100

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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.

GENERATOR

Printed/Typed Name & Position Title: TOM PETERSON SHIPPING MGR.
Signature:
Date: Month 7 Day 17 Year 9

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: DONALD ROHNEI DRIVER
Signature:
Date: Month 7 Day 17 Year 9

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title
Signature
Date: Month 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 & Position Title
Signature
Date: Month Day Year

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Generator
6 — Transporter retain

Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 2-
GENERATOR RETAIN

SAFETY-KLEEN CORP.
STATE PRESCRIBED FORM
5-034-01

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761
State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE.

NOTE: FORM DESIGNED TO PRINT 8 LINES PER INCH

EPA Form 8700-22 (6-89)

Form Approved. OMB No. 2050-0039 Expires 9-30-96

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD 005130000
Manifest Document No.: 81159

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address
J L CLARK
ATTN BILL PYRNE
2300 WISCONSIN
DOWNERS GROVE IL 60515

Location if Different:

4. Generator's Phone (630) 969-6100

A. Illinois Manifest Document Number: IL 5839833 MANIFEST FEE PAID

B. Illinois Generator's ID: 0438030002

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.

6. US EPA ID Number: ILD 984908202

C. Illinois Transporter's ID: 1123

D. 847) 468-6560 Transporter's Phone

7. Transporter 2 Company Name:

8. US EPA ID Number:

E. Illinois Transporter's ID:

F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address 503401
SAFETY-KLEEN CORP.
1500 VILLA STREET
ELGIN, IL 60120

10. US EPA ID Number: ILD 000805911

G. Illinois Facility's ID: 0314380001

H. Facility's Phone: 847 468-6560

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. COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA) NA1993 PGIII (NOT USEPA HAZARDOUS WASTE)(ERG#128)	005	DM	00073	G	EPA HW Number: XXA; Authorization Number: 000264
b.					EPA HW Number: XX; Authorization Number:
c.					EPA HW Number: XX; Authorization Number:
d.					EPA HW Number: XX; Authorization Number:

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above in Item #14

15. Special Handling Instructions and Additional Information
PP# 881159 MFST REQ# 92277018 5-034-01-9457
EMERGENCY RESP 800-468-1760(24 HR). IF UNDELIVERABLE RETURN TO GENERATOR.
SKDOT# A: 557 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 Illinois regulations.

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Printed/Typed Name	Signature	DATE Month Day Year
Kevin Vehslage	Kevin Vehslage	08 28 96

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	DATE Month Day Year
Klaus Reissenweber	Klaus Reissenweber	08 28 96

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	DATE 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	Signature	DATE Month Day Year
Kathleen A Shannon	Kathleen A Shannon	08 28 96

GENERATOR

TRANSPORTER

FACILITY

This Agency is authorized to require, pursuant to Illinois Revised Statutes 1989, Chapter 111½ Sections 1004 and 102, that this information be submitted to the Agency. Failure to provide the information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

COPY 1. TSD MAIL TO GENERATOR

STATE OF ILLINOIS

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

US

PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039. Expires 9-30-96

UNIFORM HAZARDOUS WASTE MANIFEST XXX

1. Generator's US EPA ID No.: ILD005130000

Manifest Document No.

2. Page 1 of

Information in the shaded areas is not required by Federal law, but is required by Illinois law.

3. Generator's Name and Mailing Address — Location If Different

J L CLARK
2300 WISCONSIN AVE
DOWNERS GROVE IL 60515

4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* (708) 969-6100

A. Illinois Manifest Document Number: IL 7220170 FEE PAID IF APPLICABLE

B. Illinois Generator's ID: 0 4 3 8 0 3 0 0 0 2

5. Transporter 1 Company Name: BEAVER OIL CO., INC.

6. US EPA ID Number: ILD064418353

C. Illinois Transporter's ID: 0 0 1 5

D. 708 354-4040 Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. Illinois Transporter's ID

F. ( ) Transporter's Phone

9. Designated Facility Name and Site Address

BEAVER OIL CO., INC.
6037 LENZI AVENUE
HODGKINS, IL 60525

10. US EPA ID Number: ILD064418353

G. Illinois Facility's ID: 0 3 1 1 2 6 0 0 0 1

H. Facility's Phone: (708) 354-4040

GENERATOR

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. NOT D.O.T. REGULATED USED OIL/WATER			00250	G	EPA HW Number XX / Authorization Number
b.					EPA HW Number XX / Authorization Number
c.					EPA HW Number XX / Authorization Number
d.					EPA HW Number XX / Authorization Number

J. Additional Description for Materials Listed Above
ITEM A HAS A FLASH POINT ABOVE 200 DEGREES F
EPA CLASSIFICATION FOR ITEM A IS NON-HAZARDOUS.

K. Handling Codes for Wastes Listed Above In Item #14

15. Special Handling Instructions and Additional Information
J L CLARK CL3J29J
24 HOUR EMERGENCY PHONE NO: (708) 354-4040

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: X Linn Vehslage — Signature: X Linn Vehslage — Date (Month Day Year): 09 09 96

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Sean Paul — Signature — Date (Month Day Year): 09 09 96

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date (Month 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: Pat Elsbury — Signature: Pat Elsbury — Date (Month Day Year): 09 09 96

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed $25,000 per day of violation. Falsification of this information may result in a fine up to $50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

COPY 1. TSD MAIL TO GENERATOR

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN
Chapter 144, Wis. Stats.
Form 4400-66P Rev. 5-95

WISCONSIN DEPT OF NATURAL RESOURCES

ALL COPIES MUST BE LEGIBLE, PLEASE TYPE

State of Wisconsin
Department of Natural Resources
Bureau of Solid and Hazardous Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

orm designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. ILD000513000	Manifest Document No. 17066	2. Page 1 of 1	Information in the shaded ar is not required by Federal la

3. Generator's Name and Mailing Address J.L. CLARK 2300 WISCONSIN AVENUE DOWNERS GROVE, IL 60515 4. Generator's Phone 708-969-6100	Site Location If Different	A. State Manifest Document Number WI J769046 B. State Generator's ID
5. Transporter 1 Company Name TRI-STATE MOTOR TRANSIT CO.	6. US EPA ID Number MOD095038998	C. State Transporter's ID 913 D. Transporter's Phone 800-234-876
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 WRR Environmental Services Co., Inc 5200 State Rd. 93 Eau Claire, WI 54701	10. US EPA ID Number WID990829475	G. State Facility's ID H. Facility's Phone 715-834-9624

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-WASTE PAINT RELATED MATERIAL, 3 UN1263, PGII (F005)	006	M	02700	P	F001
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above	K. Handling Codes for Wastes Listed Abo
a. 9308073-1FA	a. F001/F003/D001

15. Special Handling Instructions and Additional Information

24 HOUR EMERGENCY PHONE 630-969-6100

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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 & Position Title	Signature	Date (Month Day Ye)
THOMAS J. PETERSON SHIPPING MGR		11 06 9
17. TRANSPORTER 1 Acknowledgement of Receipt of Materials		
LARRY SCHWARTZ (DRIVER)		11 06 9
18. TRANSPORTER 2 Acknowledgement of Receipt of Materials		
~~THOMAS J. PETERSON SHIPPING MGR~~ T.P.	~~T.P.~~	11 06 9

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 & Position Title	Signature	Date (Month Day Ye)

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Generat
6 — Transporter retain

Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 1-
GENERATOR SEND TO WIS. DNR

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN

Chapter 144, Wis. Stats.
Form 4400-66P Rev. 5-95

WISCONSIN DEPT. OF NATURAL RESOURCES

ALL COPIES MUST BE LEGIBLE, PLEASE TYPE

State of Wisconsin
Department of Natural Resources
Bureau of Solid and Hazardous Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-30

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD000513000
Manifest Document No.: 71796
2. Page 1 of 1
Information in the shaded area is not required by Federal law

3. Generator's Name and Mailing Address
J.L. CLARK
2300 WISCONSIN AVENUE
Site Location If Different: DOWNERS GROVE, IL 60515
4. Generator's Phone (708)969-6100

A. State Manifest Document Number: WI J680506
B. State Generator's ID:

5. Transporter 1 Company Name: J.B. Hunt-Special Commodities, Inc.
6. US EPA ID Number: ARD981908551
C. State Transporter's ID: 1091
D. Transporter's Phone: 800-368-853

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
WRR Environmental Services Co., Inc
5200 State Rd. 93
Eau Claire, WI 54701
10. US EPA ID Number: WID990829475
G. State Facility's ID:
H. Facility's Phone: 715-834-9624

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-WASTE PAINT RELATED MATERIAL, 3 UN1263, PGII (F005)	007	DM	02800	P	F 0 0
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
a. 9308073-1FA
K. Handling Codes for Wastes Listed Above
[illegible]

15. Special Handling Instructions and Additional Information
24 HOUR EMERGENCY PHONE 708 969 6100

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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 & Position Title: [illegible] SHIPPING MGR
Signature: [signature]
Date: Month 7 Day 17 Yr

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: DONALD RONNEI DRIVER
Signature: Donald Ronnei
Date: Month 7 Day 17 Yr

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title:
Signature:
Date: Month Day Yr

19. Discrepancy Indication Space

FACILITY OWNER OR OPERATOR: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name & Position Title: Wayne Becker Asst. Foreman
Signature: Wayne Becker
Date: Month 7 Day 19 Yr

GENERATOR / TRANSPORTER / FACILITY

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Generator
6 — Transporter retain

Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 5-
FACILITY SEND TO GENERATOR

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN

Chapter 144, Wis. Stats.
Form 4400-66P Rev. 3-97

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State of Wisconsin
Department of Natural Resources
Bureau of Solid and Hazardous Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

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Form Approved. OMB No. 2050-0039. Expires 9-3(

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD000513000
Manifest Document No.: 11111 97
2. Page 1 of 1
Information in the shaded area is not required by Federal law

3. Generator's Name and Mailing Address
J.L. CLARK
2300 WISCONSIN AVENUE
Site Location If Different: DOWNERS GROVE, IL 60515
4. Generator's Phone (708) 969-6100

A. State Manifest Document Number: WI 0813109
B. State Generator's ID
C. State Transporter's ID: 1513
D. Transporter's Phone: 800-234-87
E. State Transporter's ID
F. Transporter's Phone
G. State Facility's ID
H. Facility's Phone: 715-834-9624

5. Transporter 1 Company Name: TRI-STATE MOTOR TRANSIT CO.
6. US EPA ID Number: MOD095038998
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address
WRR Environmental Services Co., Inc
5200 State Rd. 93
Eau Claire, WI 54701
10. US EPA ID Number: WID990829475

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-WASTE PAINT RELATED MATERIAL, 3 UN1263, PGII (F005)	05	DM	1640	P	F005
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
a. 9308073-1FA

K. Handling Codes for Wastes Listed Above
a. F001/F003/D001

15. Special Handling Instructions and Additional Information
24 HOUR EMERGENCY PHONE 630 969 6160

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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 & Position Title: Shipping Signature | Date: Month 1 Day 1 Y 1

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: ARTHUR BUTCHER DRIVER | Signature | Date: Month 1 Day 1 Y 9

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title | Signature | Date: Month Day Y

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 & Position Title: Dean Sabel Supervisor | Signature | Date: Month 1 Day 1 Y 9

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Genera
6 — Transporter retain
Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 5-
FACILITY SEND TO GENERATOR

INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN

Chapter 144, Wis. Stats.
Form 4400-66P Rev. 5-95

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State of Wisconsin
Department of Natural Resources
Bureau of Solid and Hazardous Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

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Form Approved. OMB No. 2050-0039. Expires 9-30

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ILD000513000
Manifest Document No. 2012
2. Page 1 of 1
Information in the shaded area is not required by Federal law

3. Generator's Name and Mailing Address
J.L. CLARK
2300 WISCONSIN AVENUE DOWNERS GROVE, IL 60515
4. Generator's Phone (708) 969-6100

Site Location If Different

A. State Manifest Document Number WI 1749347
B. State Generator's ID
C. State Transporter's ID
D. Transporter's Phone
E. State Transporter's ID
F. Transporter's Phone
G. State Facility's ID
H. Facility's Phone 715-834-5825

5. Transporter 1 Company Name
TRI-STATE MOTOR TRANSIT CO.
6. US EPA ID Number MOD025038998

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
WRR Environmental Services Co., Inc
5200 State Rd. 93
Eau Claire, WI 54701
10. US EPA ID Number WID990829477

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, 3 UN1263, PGII (F005)	005	DM	02150	P	F005
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
a. 9388073-1FA

K. Handling Codes for Wastes Listed Above
a. F005/F006/D011

15. Special Handling Instructions and Additional Information
24 HOUR EMERGENCY PHONE 630-261-6700

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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 & Position Title: Terry Wasson Shipping Mgr. | Signature | Date: Month 05 Day 11 Year 99

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: JOHN LUTZEN Driver | Signature | Date: Month 05 Day 11 Year 99

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title | Signature | Date: 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 & Position Title: Dean Sabin Foreman | Signature | Date: Month 05 Day 12 Year 99

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Generator
6 — Transporter retain
Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 5-
FACILITY SEND TO GENERATOR

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN
Chapter 144. Wis. Stats.
Form 4400-66P Rev. 5-95

WISCONSIN DEPT. OF NATURAL RESOURCES

ALL COPIES MUST BE LEGIBLE, PLEASE TYPE

State of Wisconsin
Department of Natural Resources
Bureau of Solid and Hazardous Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-30

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: 1L D000513090

Manifest Document No.: 5716 19

2. Page 1 of

Information in the shaded area is not required by Federal law

3. Generator's Name and Mailing Address
J.L. CLARK
2300 WISCONSIN AVENUE
DOWNERS GROVE, IL 60515

Site Location If Different

4. Generator's Phone (708) 969-6100

A. State Manifest Document Number: WI J706615

B. State Generator's ID:

5. Transporter 1 Company Name: TRI-STATE MOTOR TRANSIT CO.

6. US EPA ID Number: MOD095038998

C. State Transporter's ID: 13

D. Transporter's Phone: 800-234-8776

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
WRR Environmental Services Co., Inc
5200 State Rd. 93
Eau Claire, WI 54701

10. US EPA ID Number: WID990829475

G. State Facility's ID

H. Facility's Phone: 715-834-9624

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-WASTE PAINT RELATED MATERIAL, 3 UN1263, PG11 (F005)	004	DM	01600	P	[illegible]
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
a. 93080/3/IFA

K. Handling Codes for Wastes Listed Above
a. F005/F003/D001

15. Special Handling Instructions and Additional Information
24 HOUR EMERGENCY PHONE 630 969 6100

1050

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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.

GENERATOR

Printed/Typed Name & Position Title: [illegible] Hazmat Coordinator
Signature: [signature]
Date: Month 7 Day 12 Year 19

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: DONALD RONNEY DRIVER
Signature: [signature]
Date: Month 7 Day 12 Year 19

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title
Signature
Date: Month 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 & Position Title: Dean Sabin Foreman
Signature: [signature]
Date: Month 7 Day 12 Year 19

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Generator
6 — Transporter retain
Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 5-
FACILITY SEND TO GENERATOR

SEE INSTRUCTIONS ON REVERSE SIDE OF COPY 6.

STATE OF WISCONSIN
Chapter 144, Wis. Stats.
Form 4400-66P 10-89

State of Wisconsin
Department of Natural Resources
Bureau of Solid Waste Mgt.
Box 8094
Madison, Wisconsin 53708

FOR DNR USE ONLY

Please print or type. Form designed for use on elite (12-pitch) typewriter.

Form Approved. OMB No. 2050-0039. Expires 9-3

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: ILD000513000
Manifest Document No.: 035112
2. Page 1 of 1
Information in the shaded ar is not required by Federal la

3. Generator's Name and Mailing Address
J.L. CLARK
2300 WISCONSIN AVE. DOWNERS GROVE, IL 60515

4. Generator's Phone ( )

A. State Manifest Document Number: WI 1203512
B. State Generator's ID: ILD 438030000002

5. Transporter 1 Company Name: HYDRITE CHEMICAL
6. US EPA ID Number: WID 080509359
C. State Transporter's ID: 20606
D. Transporter's Phone: (608) 257-14

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
HYDRITE/AVGANIC
114 N. MAIN
COTTAGE GROVE, WI
10. US EPA ID Number: WID 008080824
G. State Facility's ID: 02781
H. Facility's Phone: (608) 257-1414

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. FLAMMABLE LIQUID WASTE PAINT RELATED MATERIALS F003 UN1263	008	DM	00440	G	F00
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
6855R51008

K. Handling Codes for Wastes Listed Abo

15. Special Handling Instructions and Additional Information
EMERGENCY CONTACT
(608) 969-6100

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 governmental regulations and according to the requirements of the Wisconsin Department of Natural Resources. If I am a large quantity generator, I also 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 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 & Position Title: BILL PROYNE - SHIPPING MAN
Signature: B. Proyne
Date: Month 12 Day 29 Ye 9

TRANSPORTER

17. TRANSPORTER 1 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title: MIKE SWADER DRIVER
Signature: Mike Swader
Date: Month 12 Day 30 Ye 9

18. TRANSPORTER 2 Acknowledgement of Receipt of Materials
Printed/Typed Name & Position Title
Signature
Date: Month Day Ye

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 & Position Title
Signature
Date: Month Day Ye

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

Copy Distribution:
1 — Generator send to Wis. DNR
2 — Generator retain
3 — Facility send to Wis. DNR
4 — Facility retain
5 — Facility send to Generat
6 — Transporter retain
Copies 1 & 3 mail to Wis. DNR at above address.

Emergency 24 Hour Assistance Telephone Number
In Wisconsin (608) 266-3232
Outside Wisconsin (800) 424-8802

COPY 1 —

RESTRICTED WASTE NOTIFICATION
FOR OFF-SITE TREATMENT
40 CFR 264.73 (b)(11) & 268.7 (a)(1)

FROM GENERATOR: J.L. CLARK
2300 WISCONSIN AVE.
DOWNERS GROVE, IL 60515

TO: AVGANIC INDUSTRIES

THE WASTE LISTED ON MANIFEST # WIJ 203512
CONTAINS RESTRICTED WASTES U.S. EPA I.D.# ILD 000513000
___F001 ___F002 ✓F003 ___F004 F005
WHICH CONTAIN THE FOLLOWING SOLVENTS:

_X_ETHYL ETHER

___METHYL ISOBUTYL KETONE

___N-BUTYL ALCOHOL

___CYCLOHEXANONE

___METHANOL

___CRESOLS (CRESYLIC ACID)

_X_TOLUENE

___ISOBUTANOL

___CARBON DISULFIDE

___NITROBENZENE

___PYRIDINE

_X_METHYL ETHYL KETONE

___ETHYL BENZENE

___TETRACHLOROETHYLENE

___TRICHLOROETHYLENE

___METHYLENE CHLORIDE

_X_1,1,1 TRICHLOROETHANE

___CARBON TETRACHLORIDE

___CHLOROBENZENE

___1,1,2 TRICHLORO-1,2,2-TRIFLUROTHANE

___ORTHO-DICHLOROBENZENE

___TRICHLOROFLUOROMETHANE

___XYLENE

___ACETONE

_X_ETHYL ACETATE

THIS WASTE IS SUITABLE FOR TREATMENT TECHNOLOGIES AS LISTED IN 40CFR260 ET AL., WHICH ARE:
BATCH DISTILLATION, THIN FILM EVAPORATION, FRACTIONATION, INCINERATION, STEAM STRIPPING, BIOLOGICAL TREATMENT, CARBON ABSORPTION, AIR STRIPPING, WET AIR OXIDATION.

I CERTIFY TO THE BEST OF MY KNOWLEDGE, THE ABOVE INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

NAME: BILL PRUYNE SHIPPING MGR.

SIGNATURE: B. Pryne DATE: 12-29-92

ACACIA
ENVIRONMENTAL SERVICES, INC.
ENVIRONMENTAL CONSULTING, REMEDIATION & ABATEMENT SERVICES

WINNEBAGO RECLAMATION
8403 LINDENWOOD RD.
ROCKFORD, IL. 61109

RE: WASTE SHIPMENT RECORD FOR J. L. CLARK, DOWNER'S GROVE DATED, YOUR RECEIPT, 2/12/93.

DEAR SIRS, 2/22/93

PLEASE ACCEPT THIS REVISED MANIFEST IN LIEU OF THE ORIGINAL RECEIVED BY YOUR FACILITY ON 2/12/93.

REVISION IS THAT OF OWNERSHIP. THE ORIGINAL MANIFEST IMPROPERLY STATED OWNERSHIP TO READ LARRY ZAPFEL. THE CORRECT LEGAL OWNER IS J. L. CLARK MANUFACTURING. MR. ZAPFEL IS AN EMPLOYEE OF J. L. CLARK AND WAS IMPROPERLY DESIGNATED AS THE OWNER. THE REVISED MANIFEST PROPERLY DESIGNATES THE CORRECT AND LEGAL OWNER.

ALL OTHER STATEMENTS ON THE ORIGINAL MANIFEST IS TRUE AND CORRECT AND HAS REMAINED THE SAME.

ACACIA ENVIRONMENTAL SERVICES WOULD LIKE TO APOLOGIZE FOR ANY INCONVENIENCES OUR MISTAKE HAS CAUSED YOU. WE SHALL ASSUME THAT YOU WILL MAKE THE CHANGES IN YOUR FILES AS WELL AS IN YOUR REQUIRED NOTIFICATIONS UNLESS NOTIFIED OTHERWISE BY YOU.

THANK YOU FOR YOUR IMMEDIATE ATTENTION TO THIS MATTER.

BEST REGARDS,

Mark Haines

MARK HAINES / PROJECT MANAGER

CC: ACACIA ENVIRONMENTAL PROJECT FILES
J. L. CLARK - DOWNER'S GROVE

921 North Church Street ▲ Rockford, Illinois 61103 ▲ 815•968•5397

WASTE SHIPMENT RECORD

REVISED COPY

Generator

1. Work Site Name and Mailing Address	Owner's Name	Owner's Phone No.
J.L. CLARK 2300 WISCONSIN AVE DOWNERS GROOVE IL 60515	J.L. CLARK MANUFACTURING	(708) 969-6100

2. Operator's Name and Address	Operator's Phone No.
ACACIA ENVIRONMENTAL SERVICES, INC. 921 NORTH CHURCH STREET ROCKFORD, ILLINOIS 61103	(815) 968-5397

3. Waste Disposal Site (WDS) Name, Mailing Address, and Physical Site Location	WDS Phone No.
WINNEBAGO RECLAMATION 8403 LINDEN WOOD RD. ROCKFORD IL 61109	(815) 874-4806

4. Name, and Address of Responsible Agency ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
2200 CHURCHILL ROAD, P.O. BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276
ATTN: OTTO KLEIN

5. Description of Materials	6. Containers No.	Type	7. Total Quantity m^3 (yd^3)
HAZARDOUS SUBSTANCE, SOLID N.O.S. (ASBESTOS) RQ ORM-E NA 9136			
WETTED DOUBLEBACKED, FRIABLE THERMAL	05	B1	.5
SYSTEMS INSULATION			

8. Special Handling Instructions and Additional Information

9. OPERATOR'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 government regulations.

Printed / Typed Name & Title	Signature	Month	Day	Year
DARIN BAUGHMAN	[signature]	01	11	93

Transporter

10. Transporter 1 (Acknowledgment of Receipt of Materials)

Printed / Typed Name & Title	Signature	Month	Day	Year
DARIN BAUGHMAN Address and Telephone No. 921 N. CHURCH ST (815) 968-5397 ROCKFORD IL 61103	[signature]	01	11	93

11. Transporter 2 (Acknowledgment of Receipt of Materials)

Printed / Typed Name & Title	Signature	Month	Day	Year
MARK HAINES / SUPERVISOR Address and Telephone No. 921 NORTH CHURCH (815) ROCKFORD, IL 61103 9685397	[signature]	02	12	93

Disposal Site

12. Discrepancy Indication Space

13. Waste Disposal Site Owner or Operator:
Certification of receipt of asbestos materials covered by this manifest except as noted in item 12.

Printed / Typed Name & Title	Signature	Month	Day	Year
Wendy Lantz - Scale Operator	[signature]	02	12	93

North East Elevation

J.L. CLARK
a member of the CLARCOR consumer products group

February 28, 1992

Illinois Environmental Protection Agency
Division of Land Pollution Control #24
P.O. Box 19276
Springfield, Illinois 62794-9276

- Certified Mail -
P 406 114 841

Gentlemen:

Enclosed please find the completed 1991 Hazardous Waste Report for J. L. Clark - Tube Division. This submission satisfies the requirements of 35 Illinois Administrative Code 722.141.

Should you require any additional information, please contact me at (815) 961-5686.

Sincerely,

James K. Klotz, CHMM
Chemist/Environmental Engineer

/tkb

Enclosure

bcc: Gordon VerWeyst
John Benton

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125

815/962-8861
FAX: 815/962-0417

ILD005130000 0438030002
J L CLARK
2300 WISCONSIN AVE
DOWNERS GROVE, IL 60515

ILLINOIS Environmental Protection Agency
1991 Hazardous Waste Report
Form IC -- Identification and Certification

Instructions for this form found on pages 6 - 12.
This form must be completed for the location shown on the above label. If you need additional forms for other locations, call IEPA.

FOR AGENCY USE
___ IC
___ Others
___ Edit Letter
___ Corrected

Sec. I -- Generator Status

A. RCRA Generator Status *(Enter one code)*

30 1 1 = LQG
2 = SQG Skip to Box C
3 = CESQG
4 = Nongenerator (Continue to Box B)

B. Reason for not generating *(Check all that apply)*

31 ___ Never generated
32 ___ Out of business
33 ___ Only excluded or delisted waste generated
34 ___ Only non-hazardous waste generated
35 ___ Periodic generator, none in reporting year
36 ___ Waste minimization activity
37 ___ Other *(Specify in comments box)*

C. 1 (38) 1 = Status is expected to be the same next year and following years. 2 = Status is expected to change next year.

Section II. Enter the SIC Code(s) for this location.

3499 (39) ____ (43) ____ (47) ____ (51)

Section III. On-Site Waste Management Status *(enter one code for each question)*

A. 55 1 RCRA regulated (permitted or interim status) storage
B. 56 ___ RCRA permitted or interim status treatment, disposal, or recycling
C. 57 ___ RCRA exempt treatment, disposal, or recycling

Section IV. Waste minimization activity during this reporting year *(Enter Y [Yes] or N [No] for questions A-D)*

A. 58 Y Did this site begin or expand a **source reduction** activity this year?
B. 59 N Did this site begin or expand a **recycling** activity this year?
C. 60 Y Did this site systematically investigate opportunities for **source reduction or recycling?**
D. Did any of the factors listed below delay or limit this site's ability to initiate new or additional **source reduction** or on-site or off-site **recycling** activities this year; if yes, enter Y below.

	S. Reduc.		Recyc.	
61	___	71	___	Insufficient capital to install new source reduction equipment or implement new source reduction practices
62	___	72	___	Lack of technical information on techniques applicable to the specific production processes
63	Y	73	Y	Not ecomomically feasible: cost savings in waste management or production will not recover the capital investment
64	Y	74	Y	Concern that product quality may decline as a result
65	___	75	___	Permitting burdens
66	___	76	___	Previously implemented -- additional reduction/recycling does not appear to be technically feasible
67	___	77	___	Previously implemented -- additional reduction/recycling does not appear to be economically feasible
68	___	78	___	Previously implemented -- additional reduction/recycling does not appear to be feasible due to permitting requirements
69	___			Technical limitations of the production processes
		79	___	Requirements to manifest wastes inhibit shipments off site for recycling
		80	___	Financial liability provisions inhibit shipments off site for recycling
		81	___	Technical limitations of production processes inhibit shipments off site for recycling
		82	___	Technical limitations of production processes inhibit off-site recycling
		83	___	Lack of permitted off-site recycling facilities
		84	Y	Unable to identify a market for recyclable materials
70	___	85	___	Other *(Specify in Comments box)*

Sec. V. This Agency is authorized to require this information under Revised Statutes, 1981, Chapter III-1/2, Sections 1004 and 1021 (f)(2). Disclosure of this information in required. Failure to do may result in a civil penalty up to $25,999 for each day the failure continues, a fine up to $1,000,000.00 and imprisonment up to 5 years. This form has been approved by the Forms Management

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 penalti false information, including the possibility of fine and imprisonment.

A. Please print: Last Name VerWeyst First Name Gordon B. Title Vice President Engineering

C. Signature Gordon E. VerWeyst D. Date of signature 2/28/92

COMMENTS: ___ (86) Enter Y (Yes) if you have comments regarding this page and attach extra sheet.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
INVENTORY DATA INPUT FORM

repared by: _____ County DuPage IEPA I.D. Number 0438030002

ity/Community Downers Grove Facility Name J. L. Clark, Inc.

Inventory I.D. Number	Card Type	Trans Code	Transaction Date (month,day,year)	Initials
10	11 060 13	14 C	15 03/01/92 20	21 HAW 23

A = Add
C = Change
D = Delete

---------- ANNUAL REPORT ADDRESS ----------

. Company Name

24 J. L. Clark, Inc. 53

. Street 54 2300 Wisconsin Avenue 78

. P.O. Box 79 84

. City/State/Zip 85 Downers Grove 104
105 IL 106 107 60515 115

. Telephone Number 116 815 119 962 - 122 8861

. Contact Person

(First Name) (Last Name)

126 James 135 136 Klotz 150

. Contact Person Title 151 D

A = President
B = Vice President
C = Manager, Operations
D = Environmental Coordinator/Manager
E = Plant Manager
F = Agent for Company
G = Technical Manager
Z = Other Specify _____

ILD005130000 0438030002
J L CLARK
2300 WISCONSIN AVE
DOWNERS GROVE, IL 60515

ILLINOIS Environmental Protection Agency
1991 Hazardous Waste Report
Form GM -- Waste Generation and Management

Instructions for this form found on pages 14 - 31.

Sec. I WASTE DESCRIPTION

A. Waste Description: Ignitable solvents and coating residue from coater operation.
B. EPA Hazardous Waste Code F003 (30) ___ (34) ___ (38) ___ (42) ___ (46)
C. SIC code 3499 (50)
D. Origin Code 1 (54) System type M (55) ___ E. Source code A21 (59) A (62) ___ A (65) ___
F. Point of measurement 1 (68) G. Form code B203 (69)
H. Radioactive mixed 2 (73) I. TRI constituent 3 (74)
J. CAS numbers: 1. 108-88-3 (75) 2. 67-64-1 (83) 3. NA (91) ___-___-___
4. NA (99) ___-___-___ 5. NA (107) ___-___-___

Sec. II QUANTITY GENERATED AND MANAGED ON-SITE

A. UOM 1 (115) Density 6.50 (118) lbs/gal *(Same unit and density must be used for all quantities on this page)*
B. Quantity generated in previous reporting year 1510.0 (120) C. Current reporting year 1265.0 (130)
D. Did this location do any of the following to this waste (at this location): manage in exempt or regulated treatment, recycling, or disposal process? N (140) Y= Yes (Continue to System 1) N= No (Skip to Sec. III)
On-Site System 1: System Type M (141) ___ Quantity managed on-site this year ___ (145)
On-Site System 2: System Type M (155) ___ Quantity managed on-site this year ___ (159)

Sec. III OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y (169) Y= Yes (Continue to Box B) N= No (Skip to Sec. IV)
Site 1: Name and address of facility:
Avganic Industries, Inc.
114 North Main Street
Cottage Grove, WI 53527
B. U.S. EPA ID No. of facility waste was shipped to: WID008088264 (170)
C. System type shipped to M021 (182) D. Off-site availability code 1 (186)
E. Total quantity shipped in this reporting year: 1265.0 (187)
Site 2: Name and address of facility:

B. U.S. EPA ID No. of facility waste was shipped to: ___ (197)
C. System type shipped to M (209) ___ D. Off-site availability code 1 (213)
E. Total quantity shipped in this reporting year: ___ (214)

Sec. IV NEW WASTE MINIMIZATION ACTIVITIES

A. Did new activities in this year result in minimization of this waste? Y (224) Y= Yes (Cont. to Box B) N= No (Cont. to Sec. V)
B. Activity W13 (225) W21 (228) W32 (231) W52 (234) C. Other effects (Y=Yes, N=No) N (237)
D. Quantity recycled in reporting year due to new activities 0.0 (238)
E. Activity/production index ___ (248) F. Reporting year Source reduction quantity 150.0 (251)

Sec. V REGULATED STORAGE

A. Did this site store RCRA wastes 90 days and then ship it off-site (to site shown in Section III)? (Y=Yes, N=No) N (261)
B. Did this site store RCRA wastes on-site for more than 90 days but waste is in storage at year end: (Y= Yes, N= No) N (262)
Quantity stored that was generated this reporting year: ___ (263)
Quantity stored that was generated prior to this reporting year: ___ (273)

COMMENTS: ___ (283) Enter Y (Yes) if you have comments regarding this page and attach extra sheet.

ILD005130000 0438030002
J L CLARK
2300 WISCONSIN AVE
DOWNERS GROVE, IL 60515

ILLINOIS Environmental Protection Agency
1991 Hazardous Waste Report
Form GM – Waste Generation and Management

Instructions for this form found on pages 14 - 31.

Sec. I WASTE DESCRIPTION

A. Waste Description: Firebrick from lead remelting furnace
B. EPA Hazardous Waste Code D 0 0 8 (30) ___ (34) ___ (38) ___ (42) ___ (46)
C. SIC code 3 4 9 9 (50)
D. Origin Code 2 (54) System type M (55) ___ E. Source code A 5 6 (59) A ___ (62) A ___ (65)
F. Point of measurement 1 (68) G. Form code B 3 1 9 (69)
H. Radioactive mixed 2 (73) I. TRI constituent 2 (74)
J. CAS numbers: 1. ___ (75) 2. ___ (83) 3. ___ (91)
4. ___ (99) 5. ___ (107)

Sec. II QUANTITY GENERATED AND MANAGED ON-SITE

A. UOM 2 (115) Density 15.0 (116) lbs/gal *(Same unit and density must be used for all quantities on this page)*
B. Quantity generated in previous reporting year 0.0 (120) C. Current reporting year 100.0 (130)
D. Did this location do any of the following to this waste (at this location): manage in exempt or regulated treatment, recycling, or disposal process? N (140) Y= Yes (Continue to System 1) N= No (Skip to Sec. III)
On-Site System 1: System Type M (141) ___ Quantity managed on-site this year ___ (145)
On-Site System 2: System Type M (155) ___ Quantity managed on-site this year ___ (159)

Sec. III OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y (168) Y= Yes (Continue to Box B) N= No (Skip to Sec. IV)
Site 1: Name and address of facility: Peoria Disposal Company #1
4349 Southport Road
Peoria, IL 61615
B. U.S. EPA ID No. of facility waste was shipped to: ILD008058122 (170)
C. System type shipped to M 1 3 2 (182) D. Off-site availability code L (189)
E. Total quantity shipped in this reporting year: 100 (187)
Site 2: Name and address of facility:

B. U.S. EPA ID No. of facility waste was shipped to: ___ (197)
C. System type shipped to M ___ (209) D. Off-site availability code ___ (213)
E. Total quantity shipped in this reporting year: ___ (214)

Sec. IV NEW WASTE MINIMIZATION ACTIVITIES

A. Did new activities in this year result in minimization of this waste? N (224) Y= Yes (Cont. to Box B) N= No (Cont. to Sec. V)
B. Activity W ___ (225) W ___ (228) W ___ (231) W ___ (234) C. Other effects (Y=Yes, N=No) ___ (237)
D. Quantity recycled in reporting year due to new activities ___ (238)
E. Activity/production index ___ (248) F. Reporting year Source reduction quantity ___ (251)

Sec. V REGULATED STORAGE

A. Did this site store RCRA wastes 90 days and then ship it off-site (to site shown in Section III)? (Y=Yes, N=No) N (261)
B. Did this site store RCRA wastes on-site for more than 90 days but waste is in storage at year end: (Y= Yes, N= No) N (262)
Quantity stored that was generated this reporting year: ___ (263)
Quantity stored that was generated prior to this reporting year: ___ (273)

COMMENTS: Y (283) Enter Y (Yes) if you have comments regarding this page and attach extra sheet.

Sec. I Line G. Lead contaminated firebrick from melting furnace.

ILD005130000 0438030002
J L CLARK
2300 WISCONSIN AVE
DOWNERS GROVE, IL 60515

ILLINOIS Environmental Protection Agency
1991 Hazardous Waste Report
Form TI – Transporter Identification

Instructions for this form found on page 32.

1. U.S. EPA ID No. W I D 0 0 0 8 0 8 8 2 4 (30)
Transporter Name and Address: Avganic Industries, Inc.
114 North Main Street
Cottage Grove, WI 53527

2. U.S. EPA ID No. I L D 9 8 2 0 6 7 1 7 5 (42)
Transporter Name and Address: Ozinga Transportation Systems
12843 South Pulaski
Alsip, IL 60658

3. U.S. EPA ID No. _____ (54)
Transporter Name and Address:

4. U.S. EPA ID No. _____ (66)
Transporter Name and Address:

5. U.S. EPA ID No. _____ (78)
Transporter Name and Address:

6. U.S. EPA ID No. _____ (90)
Transporter Name and Address:

7. U.S. EPA ID No. _____ (102)
Transporter Name and Address:

8. U.S. EPA ID No. _____ (114)
Transporter Name and Address:

COMMENTS: ____ (126) Enter Y (Yes) if you have comments regarding this page and attach extra sheet.

WASTE TRANSPORTATION AGREEMENT

No. 17173

SIGMA ENVIRONMENTAL SERVICES INC.
9555 S. HOWELL AVE.
OAK CREEK, WI 53154
(414) 768-7144

Date: SEPTEMBER 27, 1993

PROPOSED TO: (GENERATOR)	PHONE: (815) 962-8861	DISPOSAL FACILITY:	PHONE: (502) 395-8313
GENERATOR: J.L. CLARK		DISPOSAL FACILITY: LWD, INC.	
STREET ADDRESS: 2300 SIXTH STREET		STREET ADDRESS: OFF HIGHWAY 1523	
CITY, STATE AND ZIP CODE: ROCKFORD, IL 61125		CITY, STATE AND ZIP CODE: CALVERT CITY, KY 42029	
ATTENTION: JIM KLOTZ	EPA ID: ILD005130000	ATTENTION: ROSE/SID	EPA ID: KYD088438817

SIGMA HEREBY SUBMITS ESTIMATES FOR TRANSPORTATION AND DISPOSAL OF THE BELOW MENTIONED MATERIALS:

FOR MATERIALS LOCATED AT 2300 WISCONSIN AVE. IN DOWNERS GROVE, IL

NOTICE: DRUMS MUST BE TRANSPORTABLE PER U.S. D.O.T. REGULATIONS (49CFR173.3). NON-TRANSPORTABLE DRUMS CANNOT BE PICKED UP.

TRANSPORTATION OF WASTE - WASTE ADHESIVE - PC# KT 89
- INK - PC# KS 40

PICK UP FEE	$240.00
TRANSPORTATION	$54.00/DRUM
DISPOSAL OF WASTE - WASTE ADHESIVE - PC# KT 89	$346.80/DRUM
- INK - PC# KS 40	$480.00/DRUM
EMERGENCY RESPONSE CONTACT FEE (IF REQUESTED)	$85.00/SHIPMENT

DEMURRAGE (FOR LOADING/UNLOADING IN EXCESS OF ONE (1) HOUR) $102.00/H(
PRICE AS PROFILED, INVOICED AS RECEIVED.
PLUS APPLICABLE STATE AND FEDERAL TAXES.
PLUS ANY CHARGES AS PER MISCELLANEOUS PRICE ADDENDUM.
PLUS ANY SURCHARGES AND/OR HANDLING FEES AS DETERMINED BY THE DISPOSAL FACILITY.
PERMIT NUMBER(S) - INITIATION/TERMINATION DATE(S) - SEPTEMBER 27, 1993 - MARCH 27, 19

In compliance with 40 CFR: 264.12, SIGMA and its agents certify that they have the permits to transport the wastes described in this proposal. SIGMA will perform a quality control check on the material received and reserves the right to reject any material that does not correspond to this proposal.

TERMS NET: 10 DAYS

THESE SERVICES ARE SUBJECT TO THE TERMS AND CONDITIONS ON THE REVERSE SIDE. GENERATOR ACKNOWLEDGES THAT HE HAS READ, UNDERSTANDS AND AGREES TO BE BOUND BY SUCH TERMS AND CONDITIONS.

All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control.

This proposal may be withdrawn if not accepted within 21 days.

[signature]
SIGMA Authorized Signature

Mgr Tech Svc
Title

Date: 10 00 93

PROPOSAL ACCEPTANCE: The above prices and conditions are satisfactory and are hereby accepted. SIGMA is authorized to do the work. Payment will be made as outlined above.

J.L. Clark - Tube Division
Generator

Jim K. Klotz
Authorized Signature

Environmental Engineer
Title

Date of Acceptance: 9/30/93

J.L. CLARK
a member of the CLARCOR consumer products group

October 13, 1993

Ms. Amber Rauter
Sigma Environmental Services
9555 South Howell Avenue
Suite 100
Oak Creek, Wisconsin 53154

Dear Amber:

Enclosed please find the signed Waste Transportation Agreement for the two drum of waste materials at our Tube Division in Downers Grove, Illinois. We trust that this completes your needs in conjunction with the purchase order issued by our Tube Division.

Please forward the appropriate labels and manifests to the attention of Bill Pruyne at J. L. Clark, 2300 Wisconsin Avenue, Downers Grove, IL 60515. You can also confirm a pick-up time with Bill for disposal of these two items.

Thank you for your assistance in this effort, and should you need any further information, please feel free to give me a call.

Sincerely,

James K. Klotz, CHMM
Environmental Engineer

/tkb

Enclosed

cc: Bill Pruyne
John Benton

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125

815/962-8861
FAX: 815/962-0417

WASTE TRANSPORTATION AGREEMENT

SIGMA ENVIRONMENTAL SERVICES INC.

9555 S. HOWELL AVE.
OAK CREEK, WI 53154
(414) 768-7144

NO. [illegible]

Date: SEPTEMBER 27, 1993

PROPOSED TO: (GENERATOR)	PHONE: (815) 962-8861	DISPOSAL FACILITY:	PHONE: (502) 395-8313
GENERATOR: J.L. CLARK		DISPOSAL FACILITY: LWD, INC.	
STREET ADDRESS: 2300 SIXTH STREET		STREET ADDRESS: OFF HIGHWAY 1523	
CITY, STATE AND ZIP CODE: ROCKFORD, IL 61125		CITY, STATE AND ZIP CODE: CALVERT CITY, KY 42029	
ATTENTION: JIM KLOTZ	EPA ID: ILD005130000	ATTENTION: ROSE/SID	EPA ID: KYD088438817

SIGMA HEREBY SUBMITS ESTIMATES FOR TRANSPORTATION AND DISPOSAL OF THE BELOW MENTIONED MATERIALS:

FOR MATERIALS LOCATED AT 2300 WISCONSIN AVE. IN DOWNERS GROVE, IL

NOTICE: DRUMS MUST BE TRANSPORTABLE PER U.S. D.O.T. REGULATIONS (49CFR) NON-TRANSPORTABLE DRUMS CANNOT BE PICKED UP.

TRANSPORTATION OF WASTE - WASTE ADHESIVE - PC# KT 89
- INK - PC# KS 40

PICK UP FEE	$240.00
TRANSPORTATION	$54.00/DRUM
DISPOSAL OF WASTE - WASTE ADHESIVE - PC# KT 89	$346.80/DRUM
- INK - PC# KS 40	$480.00/DRUM
EMERGENCY RESPONSE CONTACT FEE (IF REQUESTED)	$85.00/SHIPMENT
DEMURRAGE (FOR LOADING/UNLOADING IN EXCESS OF ONE (1) HOUR)	$102.00/H(

PRICE AS PROFILED, INVOICED AS RECEIVED.
PLUS APPLICABLE STATE AND FEDERAL TAXES.
PLUS ANY CHARGES AS PER MISCELLANEOUS PRICE ADDENDUM.
PLUS ANY SURCHARGES AND/OR HANDLING FEES AS DETERMINED BY THE DISPOSAL FACILITY.
PERMIT NUMBER(S) - INITIATION/TERMINATION DATE(S) - SEPTEMBER 27, 1993 - MARCH 27, 199

In compliance with 40 CFR: 264.12, SIGMA and its agents certify that they have the permits to transport the wastes described in this proposal. SIGMA will perform a quality control check on the material received and reserves the right to reject any material that does not correspond to this proposal.

TERMS NET: 10 DAYS

THESE SERVICES ARE SUBJECT TO THE TERMS AND CONDITIONS ON THE REVERSE SIDE. GENERATOR ACKNOWLEDGES THAT HE HAS READ, UNDERSTANDS AND AGREES TO BE BOUND BY SUCH TERMS AND CONDITIONS.

All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control.

This proposal may be withdrawn if not accepted within 21 days.

SIGMA Authorized Signature

Title

Date:

PROPOSAL ACCEPTANCE: The above prices and conditions are satisfactory and are hereby accepted. SIGMA is authorized to do the work. Payment will be made as outlined above.

J.L. Clark - Tube Division
Generator

Jim K. Klotz
Authorized Signature

Environmental Engineer
Title

Date of Acceptance: 9/30/93

SIGMA
ENVIRONMENTAL SERVICES INC.

9555 South Howell Avenue
Oak Creek, WI 53154 Suite 100
414-768-7144
FAX: 414-768-7158

SEPTEMBER 27, 1993

J.L. CLARK

Attn: JIM KLOTZ

Dear MR. KLOTZ,

Enclosed is your Waste Transportation Agreement(s) for the material(s) generated by your firm which have been approved for disposal. Please sign and return all copies to SIGMA Environmental Services, Inc. as soon as possible.

Upon receiving all copies, a representative of SIGMA will execute the agreement and return a copy to you the generator. Please note that the prices quoted are effective for thirty (30) days from the agreement date. Any delay in executing this agreement may lead to increases in pricing under the applicable price escalation clause.

Also, before any transportation and/or disposal dates can be scheduled, a Purchase Order referencing this material and a specific disposal facility MUST be on file with SIGMA. This purchase order should also include an accurate drum count (unless set up as a blanket order) and, if need be, a request for drums, labels, emergency response contact, or manifest assistance as quoted on the Miscellaneous Price Addendum. Please note that this information will be confirmed by telephone when a pick up date has been arranged.

If you have any questions regarding this agreement(s) or its associated purchase orders, please do not hesitate to contact me at (414) 768-7144.

Sincerely,

Amber E. Rauter

Amber E. Rauter
Technical Service Representative

Enc.

PS. LET ME KNOW WHO I SHOULD SEND THE LABELS AND MANIFEST TO.

THX!

J.L. CLARK
a member of the CLARCOR consumer products group

August 9, 1993

Ms. Amber Rauter
Sigma Environmental Services Inc.
9555 South Hall Avenue
Oak Creek, Wisconsin 53154

Dear Amber:

Enclosed per your request are the completed waste profile sheets for the waste ink and waste adhesive materials for J. L. Clark - Tube Division in Downers Grove, Illinois. We are also enclosing a Material Safety Data Sheet on the waste ink material, however, we do not have a Material Safety Data Sheet, or have any knowledge of the waste adhesive, as to what it is composed of.

We will be submitting the additional samples you requested under separate cover to your attention. Once these profiles have been approved by LWD we would appreciate it if you would let us know and we would ask that you coordinate the pick-up with Bill Pruyne at our Tube Division, 708/969-6100, to schedule a date for the pick-up. Should you need anything further on these waste streams, please let us know.

Sincerely,

James K. Klotz, CHMM
Environmental Engineer

/tkb

Enclosure

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125
815/962-8861
FAX: 815/962-0417

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

FORM APPROVED
OMB No. 44-R1367

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME: ACME PRINTING INK CO.	EMERGENCY TELEPHONE NO.: (312) 421-0675
ADDRESS (Number, Street, City, State, and ZIP Code): 1419 W. Carroll Ave., Chicago, Il. 60607	
CHEMICAL NAME AND SYNONYMS: T.P. 3/Pc. Colors	TRADE NAME AND SYNONYMS: BASE COLOR SYSTEM
CHEMICAL FAMILY:	FORMULA:

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS Organic			BASE METAL		N/A
CATALYST Cerium & Mang. Octoate			ALLOYS		"
VEHICLE Alkyd Resin			METALLIC COATINGS		"
SOLVENTS Aliphatic			FILLER METAL PLUS COATING OR CORE FLUX		"
ADDITIVES			OTHERS		"
'ERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	460-580	SPECIFIC GRAVITY (H_2O=1)	
VAPOR PRESSURE (mm Hg.)	< 0.1 mm at 150°F.	PERCENT, VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)	No Data	EVAPORATION RATE (butyl acetate = 1)	<0.1
SOLUBILITY IN WATER	Insoluble		
APPEARANCE AND ODOR	Colored Paste, Aliphatic		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) > 220°F ASTM D-93	FLAMMABLE LIMITS	Lel N/A	Uel N/A
EXTINGUISHING MEDIA: Carbon Dioxide, Chemical or Foam			
SPECIAL FIRE FIGHTING PROCEDURES: None			
UNUSUAL FIRE AND EXPLOSION HAZARDS: None			

(Continued on reverse side)

Form OSHA-20
Rev. May 72

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE
Breathing of high vapor concentration may cause drowsiness. Ink may cause minor skin irritation and severe eye irritation.

EMERGENCY AND FIRST AID PROCEDURES
Inhalation: Remove to ventilated area. Apply artificial respiration if necessary. Wash skin with soap and water. Flush eyes with water. Contact a physician.

SECTION VI - REACTIVITY DATA

STABILITY			CONDITIONS TO AVOID
	UNSTABLE		
	STABLE	X	

INCOMPATABILITY *(Materials to avoid)*
Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS
Carbon monoxide from incomplete combustion.

HAZARDOUS POLYMERIZATION			CONDITIONS TO AVOID
	MAY OCCUR		
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Add absorbent and scoop into disposal container. Wash or steam clean area.

WASTE DISPOSAL METHOD
Dispose of by method allowed in your locality.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)* None needed.

VENTILATION	LOCAL EXHAUST		SPECIAL
	MECHANICAL *(General)*	X	OTHER

PROTECTIVE GLOVES
Rubber gloves if contact is prolonged

EYE PROTECTION
Safety glasses.

OTHER PROTECTIVE EQUIPMENT
Safety shower and eye bath.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Keep inks away from excessive heat and open flames. Shelf life varies, but is usually at least 6 months.

OTHER PRECAUTIONS

GPO 934-890

Form OSHA-20
Rev. May 72

DATE:

MATERIAL SAFETY DATA SHEET
FOR PRINTING INK AND RELATED MATERIALS

(Rev. 6-76

Section I

MANUFACTURER'S NAME INMONT CORPORATION	EMERGENCY PHONE NO. (513)-242-4700 H. E. SCHE (312)-772-1040 D. SOWINSK
STREET ADDRESS (No., City, State, Zip) 1700 W. CORTLAND ST., CHICAGO, IL 60622	
PRODUCT CLASS OXIDIZING OIL INK	TRADE NAME METAL DECO "PURE COLOR"

MANUFACTURERS CODES 81E2422 [redacted] 81E2253
[redacted] 75E2544 [redacted]

Section II — HAZARDOUS INGREDIENTS

PROPRIETARY ALIPHATIC HYDROCARBON SOLVENTS

Section III — PHYSICAL DATA

BOILING RANGE F° 487-600	APPEARANCE COLORED PASTE		TYPE OF C OILY
VAPOR DENSITY: HEAVIER ☒ LIGHTER ☐ vs. air	EVAPORATION RATE vs. Butyl Acetate N. A.	FASTER	
LIQUID DENSITY: HEAVIER ☒ LIGHTER ☐ vs. water		SLOWER	
	PERCENT VOLATILE WT. N. A.		

Section IV — FIRE & EXPLOSION DATA

FLASH POINT CATEGORY (OSHA)	III B	LOWEST FLASH POINT	260°F	LOWER EXPLOSIVE LIMIT	----

EXTINGUISHING MEDIA DRY CHEMICAL, FOAM, CO_2

SPECIAL FIRE FIGHTING PROCEDURE:
NONE

UNUSUAL FIRE & EXPLOSION HAZARDS
NONE

THIS FORM HAS BEEN SUBMITTED TO U.S.D.O.L. AS ESSENTIALLY SIMILAR TO OSHA FORM 20 AND IS SUPPLIED AS AN INDUSTRY SERVICE BY THE NATIONAL

Section V — HEALTH HAZARD DATA

USOS-U.S. OCCUPATIONAL STANDARD FOR WORKPLACE AIR (TLV)

Recommended USOS Oil Mist 5mg/cubic meter.

EFFECTS OF OVEREXPOSURE:
Excessive inhalation of mists may cause nasal and respiratory irritation. Prolonged skin contact can cause defatting. Eye contact may cause burning and irritation.

EMERGENCY FIRST AID:
Inhalation - Remove individual to fresh air.
Skin Contact - Wash well with soap and water.
Eye Contact - Flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Ingestion - Do not induce vomiting. Call a physician immediately.

Section VI — REACTIVITY DATA

PRODUCT STABILITY	STABLE	UNSTABLE
	X	

CONDITIONS TO AVOID
Avoid contact with strong oxidizers. Avoid breathing mists.

Section VII — SPILL OR LEAK PROCEDURES

OCEDURE WHEN MATERIAL SPILLED OR RELEASED

Wipe up and dispose of wipers in approved waste containers.

WASTE DISPOSAL METHOD

In accordance with applicable local, state and federal regulations.

Section VIII — SPECIAL PROTECTION INFORMATION

VENTILATION

Provide sufficient exhaust ventilation to maintain exposure at or below stated TLV.

PROTECTIVE EQUIPMENT: RESPIRATORY, EYE, ETC.

Splash-proof safety goggles should be available to avoid accidental splashing into eyes. Impervious rubber gloves should be worn where prolonged contact may occur.

Section IX — SPECIAL PRECAUTIONS

STORAGE & HANDLING Keep containers closed when not in use.

PC#

QC#

LWD, INC.

Highway 1523, P.O. Box 327
Calvert City, Kentucky 42029
Telephone (502) 395-8313

EPA TSDF I.D.#
KYD 088 438 817

EPA Transporter #
KYD 981 477 821

REQUEST FOR TREATMENT SURVEY

1. Generator name: J.L. CLARK

2. U.S. EPA I.D.#: ILD005130000

3. Generating facility address & telephone #: 2300 WISCONSIN AVE. DOWNERS GROVE, IL 60515 815/962-8801

Billing address (if different): SIGMA ENVIRONMENTAL 9555 SOUTH HOWELL AVE. OAK CREEK, WI 53154

4. Waste stream common name: INK

5. EPA hazardous waste number(s): N/A

6. Anticipated volume and frequency: 1 gals drums per one time week month quarter year

7. Proposed packaging: Drums (size 55G, type STEEL) bulk liquid bulk solid other _____

8. Administrative contact phone #: JIM KLOTZ 815/962-8801

9. Technical contact phone #: AMBER RAUTER NW/768 7144

10. Physical state @ 70° F: solid liquid semi-solid
layering: liquid 0 % solid 96.%

11. Viscosity: low medium high
Comment

12. 100% WASTE COMPOSITION

Chemical	Exact	Range	Chemical	Exact	Range

13. Process generating waste: OBSOLETE MATERIAL FROM PRINTING OF ALUMINUM TUBES

14. Heat content (Btu/lb): 13000

15. Ash (wt.%): N-A

16. Chlorine/sulfur content (total wt.%): 0.36%

17. Total metal content (specify ppm or wt.%):
As N/D. Cr N/D. Sb N-A Tl N-A
Ba 1.7 Pb N/D Ag N/D Se N/D
Cd N/D. Hg N/D Be N-A
*Ni <0.15 *Zn 0.54 *Cu <0.050
*For Hard Hammer wastes only

18. pH 4.5

19. Flashpoint >210°F

20. Density 1.20 lbs/gal
GMC lbs/cu ft

21. Organic/inorganic content (wt.%)

22. Principal organic hazardous constituents (specify ppm or wt.%) _____ _____ _____

23. Is this waste prohibited from land disposal prior to treatment? ☐ YES ☒ NO
If yes, check appropriate box below:

- ☐ 1. Waste contains listed solvents as per 40 CFR 261.31 (F001, F002, F003, F004, and F005)
- ☐ 2. Waste must meet specific treatment standards per 40 CFR Part 268, Subpart D. (Hard Hammer)
- ☐ 3. Waste contains greater than 1000 ppm total halogenated organic compounds and must be treated per 40 CFR 268.32.
- ☐ 4. Waste listed in 40 CFR Part 268 (Soft Hammer) for which incineration is a practically available treatment to reduce toxicity or mobility.
- ☐ 5. Dioxin bearing waste (F020 thru F023, F025 thru F028)
- ☐ 6. Other (specify standards) _____

24. Does this material contain:

	yes	no
≥ 100 ppm trichloromonofluoromethane (Freon 11)		X
≥ 100 ppm dichlorodifluoromethane (Freon 12)		X
≥ 100 ppm tribromomethane (bromoform)		X

25. DOT shipping name NON HAZARDOUS SPECIAL WASTE

26. DOT hazard class N-A

27. DOT I.D.# UN/NA N-A

28. Waste is: water reactive, shock sensitive, explosive, pyrophoric, etiological, dioxin, carcinogenic, PCB ≥ 50ppm, pesticide, herbicide, radioactive, cyanide, sulfide, other _____, none of the above

29. Comments (Also indicate other hazards which LWD, Inc., should be aware of to properly handle and/or assure personnel protection and safety)

BROKER = SIGMA

I certify and warrant that the waste stream identification for the materials offered for treatment as appears on this Request for Treatment Survey form, and any attachments or supplements is true and correct. I further certify and warrant that the identification is the result of determinations made in accordance with 40 CFR 262.11 (401 KAR 32:010) Section 2.

Signature: [signature] Title: Environmental Engineer

Telephone: 815-962-8861 Date: 8/3/93

Date of technical approval: _____

Approved for LWD, Inc., by: _____

PC#

QC#

LWD, INC.

Highway 1523, P.O. Box 327
Calvert City, Kentucky 42029
Telephone (502) 395-8313

EPA TSDF I.D.#
KYD 088 438 817

EPA Transporter #
KYD 981 477 821

REQUEST FOR TREATMENT SURVEY

1. Generator name: J.L. CLARK

2. U.S. EPA I.D.#: ILD 005130000

3. Generating facility address & telephone #: 2300 WISCONSIN AVE. DOWNERS GROVE, IL 60515 815-962-8861

Billing address (if different): SIGMA ENVIRONMENTAL 9555 S. HOWELL AVE. OAK CREEK, WI 53154

4. Waste stream common name: WASTE ADHESIVE

5. EPA hazardous waste number(s): D001

6. Anticipated volume and frequency: 1 gals/drums per one time week month quarter year

7. Proposed packaging: Drums (size 55G, type STEEL) bulk liquid bulk solid other _____

8. Administrative contact: JIM KLOTZ
phone #: 815 962-8861

9. Technical contact: AMBER E RAUTER
phone #: 414-768-7144

10. Physical state @ 70° F
solid liquid semi-solid
layering: liquid 97 % solid 37 %

11. Viscosity: low medium high
Comment

12. 100% WASTE COMPOSITION

Chemical	Exact	Range	Chemical	Exact	Range

13. Process generating waste: OBSOLETE PRODUCT

14. Heat content (Btu/lb): 18000

15. Ash (wt.%)

16. Chlorine/sulfur content (total wt.%): <0.040% Cl

17. Total metal content (specify TCLP ppm or wt.%)

As	N/D	Cr	N/D	Sb	N-A	Tl	N-A
Ba	3.1	Pb	N/D	Ag	N/D	Se	N/D
Cd	N/D	Hg	N/D	Be	N-A		
*Ni	<0.15	*Zn	180	*Cu	<0.050		

*For Hard Hammer wastes only

18. pH 5.1

19. Flashpoint 102°F

20. Density 0.91 lbs/gal
0/ML lbs/cu ft

21. Organic/inorganic content (wt.%)

22. Principal organic hazardous constituents (specify ppm or wt.%) _____ _____ _____

23. Is this waste prohibited from land disposal prior to treatment? ☒ YES ☐ NO
If yes, check appropriate box below:

- ☐ 1. Waste contains listed solvents as per 40 CFR 261.31 (F001, F002, F003, F004, and F005)
- ☐ 2. Waste must meet specific treatment standards per 40 CFR Part 268, Subpart D. (Hard Hammer)
- ☐ 3. Waste contains greater than 1000 ppm total halogenated organic compounds and must be treated per 40 CFR 268.32.
- ☐ 4. Waste listed in 40 CFR Part 268 (Soft Hammer) for which incineration is a practically available treatment to reduce toxicity or mobility.
- ☐ 5. Dioxin bearing waste (F020 thru F023, F025 thru F028)
- ☐ 6. Other (specify standards) _____

24. Does this material contain:

	yes	no
≥ 100 ppm trichloromonofluoromethane (Freon 11)		X
≥ 100 ppm dichlorodifluoromethane (Freon 12)		X
≥ 100 ppm tribromomethane (bromoform)		X

25. DOT shipping name RQ, WASTE COMBUSTIBLE LIQUID, N.O.S.,

26. DOT hazard class COMBUSTIBLE MATERIAL

27. DOT I.D.# UN/NA NA 1993

28. Waste is: water reactive, shock sensitive, explosive, pyrophoric, etiological, dioxin, carcinogenic, PCB ≥ 50ppm, ~~pesticide~~, herbicide, radioactive, cyanide, sulfide, other _____, none of the above

29. Comments (Also indicate other hazards which LWD, Inc., should be aware of to properly handle and/or assure personnel protection and safety)

BROKER = SIGMA

I certify and warrant that the waste stream identification for the materials offered for treatment as appears on this Request for Treatment Survey form, and any attachments or supplements is true and correct. I further certify and warrant that the identification is the result of determinations made in accordance with 40 CFR 262.11 (401 KAR 32:010) Section 2.

Jan K. Kief — Signature

ENVIRONMENTAL ENGINEER — Title

815-962-8861 — Telephone

8/3/93 — Date

Date of technical approval: _____

Approved for LWD, Inc., by: _____

LWD, INC.
REQUEST FOR TREATMENT SURVEY
SUPPLEMENTAL ATTACHMENT #1

1. Generator Name: J.L. CLARK

2. Address: 2300 WISCONSIN AVE.
DOWNERS GROVE, IL 60515

3. Waste Stream Common Name: INK

Waste Stream PC#: _____

4. EPA Hazardous Waste Number(s): NONE

5. Does this material contain:

	YES	NO
≥ 100 ppm trichloromonofluoromethane (Freon 11)		X
≥ 100 ppm dichlorodifluoromethane (Freon 12)		X
≥ 100 ppm tribromomethane (bromoform)		X
≥ 100 ppm carbon tetrachloride		X
≥ 100 ppm tetranitromethane		✓

I certify the above information is true and correct based upon:

X My knowledge of the process and materials used in generating the waste.

X Analytical data (per SW846) which I have attached.

Additional Explanation: _____

Signed Jan K. Klos

Dated 8/3/93

BENZENE NESHAP QUESTIONNAIRE

GENERATOR NAME: J.L. CLARK

WASTE PROFILE NUMBER: _____

1. Does your operation have one of the SIC codes listed on Attachment 1?

   YES_____ NO X

   If yes, which SIC code?_____(go to question #2)

   If no, **STOP**. The Benzene NESHAP rule does not apply to your waste. (go to #4 and sign the certification.)

2. Does your waste contain greater than 10 percent moisture?

   YES_____ NO X

3. What is the **TOTAL** benzene concentration in your waste?
   <10 percent or ppm (circle one)
   (Do **not** use TCLP analytical results)

   If you answered **YES** to questions #1 and #2 and the total benzene concentration is greater than 10 ppm, your waste is subject to the Benzene NESHAP requirements.

   If you answered **NO** to question #2 and your benzene concentration is less than 10 ppm, **STOP**. You are not subject to this rule. Go to #4 and sign the certification.

4. I hereby certify that all information submitted in this document is complete and accurate to the best of my knowledge and information.

Jan K. Kelt
SIGNATURE

8/3/93
DATE

ATTACHMENT 1

SIC CODES OF INDUSTRIES SUBJECT TO THE
BENZENE WASTE RULE

SIC CODES	SHORT TITLE
2812	Alkalies and Chlorine
2813	Industrial Gases
2816	Inorganic Pigments
2819	Industrial Inorganic Pigments, nec
2821	Plastic Materials and Resins
2822	Synthetic Rubber
2823	Cellulosic Manmade Fibers
2824	Organic Fibers, noncellulosci
2833	Medicinals and Botanicals
2834	Pharmaceutical Preparations
2835	Diagnostic Substances
2836	Biological Products, exc. Diagnostic
2841	Soap and Other Detergents
2842	Polishes and Sanitation Goods
2843	Surface Active Agents
2844	Toilet Preparations
2851	Paints and Allied Agents
2861	Gum and Wood Chemicals
2865	Cyclic Crudes and Intermediates
2869	Industrial Organic Chemical, nec
2873	Nitrogenous Fertilizers
2874	Phosphatic Fertilizers
2876	Fertilizers, Mixing Only
2879	Agricultural Chemicals, nec
2891	Adhesives and Sealants
2892	Explosives
2893	Printing Ink
2896	Carbon Black
2899	Chemical Preparations, nec
2911	Petroleum Refining
3312	Blast Furnaces and Steel Mills
4959	Sanitary Services, nec
9511	Air, Water & Solid Waste Management

LWD, INC.
REQUEST FOR TREATMENT SURVEY
SUPPLEMENTAL ATTACHMENT #1

1. Generator Name: J.L. CLARK

2. Address: 2300 WISCONSIN AVE.
DOWNERS GROVE, IL 60515

3. Waste Stream Common Name: WASTE ADHESIVE.

Waste Stream PC#: _____

4. EPA Hazardous Waste Number(s): D001

5. Does this material contain:

	YES	NO
≥ 100 ppm trichloromonofluoromethane (Freon 11)		X
≥ 100 ppm dichlorodifluoromethane (Freon 12)		X
≥ 100 ppm tribromomethane (bromoform)		X
≥ 100 ppm carbon tetrachloride		X
≥ 100 ppm tetranitromethane		X

I certify the above information is true and correct based upon:

X My knowledge of the process and materials used in generating the waste.

X Analytical data (per SW846) which I have attached.

Additional Explanation: _____

Signed Jan K. Kitz

Dated 8/3/93

BENZENE NESHAP QUESTIONNAIRE

GENERATOR NAME: J.L. CLARK

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1. Does your operation have one of the SIC codes listed on Attachment 1?

   YES_____ NO X

   If yes, which SIC code?_____(go to question #2)

   If no, **STOP**. The Benzene NESHAP rule does not apply to your waste. (go to #4 and sign the certification.)

2. Does your waste contain greater than 10 percent moisture?

   YES_____ NO X

3. What is the **TOTAL** benzene concentration in your waste? <10 percent or ppm (circle one)
   (Do **not** use TCLP analytical results)

   If you answered **YES** to questions #1 and #2 and the total benzene concentration is greater than 10 ppm, your waste is subject to the Benzene NESHAP requirements.

   If you answered **NO** to question #2 and your benzene concentration is less than 10 ppm, **STOP**. You are not subject to this rule. Go to #4 and sign the certification.

4. I hereby certify that all information submitted in this document is complete and accurate to the best of my knowledge and information.

Jan K. Kitt
SIGNATURE

8/3/93
DATE

ATTACHMENT 1

SIC CODES OF INDUSTRIES SUBJECT TO THE
BENZENE WASTE RULE

SIC CODES	SHORT TITLE
2812	Alkalies and Chlorine
2813	Industrial Gases
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2819	Industrial Inorganic Pigments, nec
2821	Plastic Materials and Resins
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2824	Organic Fibers, noncellulosci
2833	Medicinals and Botanicals
2834	Pharmaceutical Preparations
2835	Diagnostic Substances
2836	Biological Products, exc. Diagnostic
2841	Soap and Other Detergents
2842	Polishes and Sanitation Goods
2843	Surface Active Agents
2844	Toilet Preparations
2851	Paints and Allied Agents
2861	Gum and Wood Chemicals
2865	Cyclic Crudes and Intermediates
2869	Industrial Organic Chemical, nec
2873	Nitrogenous Fertilizers
2874	Phosphatic Fertilizers
2876	Fertilizers, Mixing Only
2879	Agricultural Chemicals, nec
2891	Adhesives and Sealants
2892	Explosives
2893	Printing Ink
2896	Carbon Black
2899	Chemical Preparations, nec
2911	Petroleum Refining
3312	Blast Furnaces and Steel Mills
4959	Sanitary Services, nec
9511	Air, Water & Solid Waste Management

SIGMA
ENVIRONMENTAL SERVICES INC.

RECEIVED
JUL 29 1993
J.L. CLARK-TUBE DIVISION
DOWNERS GROVE, IL

9555 South Howell Avenue
Oak Creek, WI 53154 Suite 10(
414-768-714
FAX: 414-768-715
1-800-732-467

INVOICE

Invoice # 62097
July 22, 1993
Page 1

Jim Klotz
J.L. Clark
2300 Wisconsin Ave
Downers Grove, IL 60515

Client ID: JLCDG
Project #: T17173 Transportation and Disposal Department
Adhesive & Ink Waste

Contract Number : P.O.# 193
Project Manager : Amber E. Rauter

For Professional Services Rendered

Expenses		Charge
Transportation & Disposal		
7/15/93 Waste Permitting Adhesive/Waste Ink		300.00
Total Expenses	$	300.00
** Invoice Total **	$	300.00

Terms: Net 20 Days

Post-It™ brand fax transmittal memo 7671 | # of pages ▸ 1

To Jim Klotz	From B. Pruyne
Co.	Co.
Dept.	Phone #
Fax #	Fax #

SIGMA
ENVIRONMENTAL SERVICES INC.

9555 South Howell Avenue
Oak Creek, WI 53154 Suite 100
414-768-7144
FAX: 414-768-7158

JULY 16, 1993

JL CLARK

Attn: JIM KLOTZ

Dear MR. KLOTZ,

Enclosed please find the waste profile sheet(s) for the material(s) generated by your firm and marked for disposal. We have, at this time, completed the form(s) to the best of our ability. However, the remaining portions of each form must be completed by you or a representative of your firm. These forms, when completed, should be returned to me as the disposal process can not continue without them.

For the most part, the highlighted areas are self explanatory. However, attached is additional information which may be helpful in completing those sections which we have found to require some explanation. Please note that these forms must be complete before they can be submitted for approval by a licensed disposal facility.

Upon submission, the disposal process enters the approval stage which is wholly controlled by the facility. Depending on the facility, this process may take from two to eight weeks. Any inquires made by the facility must be answered before the material will be approved for disposal.

Should you have any questions regarding the disposal process, these profiles or their corresponding facilities, please feel free to contact me at (414) 768-7144.

Sincerely,

Amber E. Rauter

Amber E. Rauter
Technical Service Representative

Enc.

X Please submit another sample along with the completed profiles. This sample will be sent to the facility for their use.

X Please submit any Material Safety Data Sheets relevant to the waste or it's process.

WASTE TRANSPORTATION AGREEMENT
MISCELLANEOUS PRICE ADDENDUM

55 Gallon 17-H Drum.....$30.00 each
85 Gallon Overpack Drum.....$95.00 each
16 Gallon Plastic Drum.....$25.00 each
30 Gallon Plastic Drum.....$35.00 each
Plastic Liner for 55 Gallon Drum.....$35.00 each
Lid.....$ 6.00 each
Ring / Bolt.....$ 3.00 each
Gasket.....$ 1.00 each

Hazardous Waste Label.....$ 1.00 each
PCB Label.....$ .50 each
D.O.T. Hazard Class Label.....$ .50 each

Manifest Assistance (completion).....$30.00 each
Drum Labeling Assistance (complete and affix)....$ 2.00 each

24 hr. Emergency Response Assistance.....$85.00/shipment

2/6/91

J.L.CLARK, INC.

a member of the CLARCOR consumer products group

PURCHASE ORDER

DATE	P.O.
7/14/93	
PAGE 1	1

2300 WISCONSIN AVE
DOWNERS GROVE IL 60515
PHONE-708-969-6100 FAX-708-969-8823

** REPRINT/CHANGE DATE: 7/14/93

CONDITIONS:

- Show P.O. number and store's code on each invoice, package and B/L.
- If delivery is not made within 24 hours, please acknowledge and give shipping date.
- Ship to above address unless otherwise noted.

Post-it™ brand fax transmittal memo 7671 | # of pages ▸ 1

To Jim Klotz	From B. Pryne
Co.	Co.
Dept.	Phone #
Fax # COPY SENT TO SIGMA.	Fax #

VENDOR: 00048200
SIGMA ENVIRONMENTAL SERVICES
9555 SOUTH HOWELL AVE.

OAK CREEK WI 53154

SHIP METHOD: SHIP CONDITION:

LINE	QUANTITY ORDERED	UNIT	PART NO	DESCRIPTION	DATE DUE	PRICE
001	2	EA	PERM.	PERMITTING FEE	8/20/93	150.0 EXEM
002	1	EA	PICKUP	PICKUP FEE	8/20/93	240.0 EXEM
003	2	EA	TRANSP.	TRANSPORTATION	8/20/93	54.0 EXEM
004	2	EA	DISP	DISPOSAL	8/20/93	346.8 EXEM
005	1	EA	MISC.	MISC. LABELS/MANIFES	8/20/93	34.0 EXEM

COST ESTIMATE TO DISPOSE:
1-DRUM OF ADHESIVE MATIERIAL
1-DRUM WASTE INK
THE MATERIALS WILL BE DISPOSED UTILIZING LWD IN CALVERT CITY, KY FOR INCINERATION

QUOTE IS PER LETTER OF 7/07/93 ADDRESSED TO JIM KLOTZ

*** CONFIRMING ORDER ***

PURCHASE ORDER TOTAL $1,375.60

0004

J.L.CLARK is an EQUAL OPPORTUNITY EMPLOYER, and complies with Executive Order 11246 as amended, and its implementing regulations.

PURCHASING AGENT B. Pryne

J.L.CLARK
a member of the CLARCOR consumer products group

Date: July 15, 1993

To: Bill Pruyne*/Al Moore
John Benton*
Glenn Ceckowski

By: Jim Klotz

Copies To:

Reference: J. L. Clark - Tube Division

Subject: Waste Adhesive and Ink

F162

We have provided Bill with the information to issue a purchase order to Sigma Environmental in the amount of $1,375.00 to cover appropriate paper work processing and disposal of the waste ink drum and waste adhesive drum that we've been evaluating at the Tube Division. We anticipate receiving the final permit approvals within the next 3 to 4 weeks and can make disposal arrangements immediately thereafter. Both materials will be incinerated at a facility that we have used previously for Rockford waste in Kentucky.

Before we can finalize disposal of this material we will have to remove the waste adhesive from the pressure pot in which it is presently held. The material can be removed into either a closed head drum or an approved DOT 17H open head drum which we are currently receiving our coating materials in. Residual adhesives in a pressure pot can be removed with the 2300 vinyl reducer or the 660 solvent and the rinse aid added to the waste adhesive material. Once the pressure pot has been cleaned out it may be scrapped as appropriate. As soon as we receive the final permit approvals we will advise you accordingly. Should you have any questions, please let us know.

/tkb

*Fax'd. July 15, 1993

SIGMA
ENVIRONMENTAL SERVICES INC.

9555 South Howell Avenu
Oak Creek, WI 53154 Suite 10
414-768-714
FAX: 414-768-715
1-800-732-467

July 7, 1993

J.L. Clark
2300 Sixth Street
Rockford, IL 61125
Attention: James Klotz

Dear Mr. Klotz,

Sigma Environmental Services, Inc., is pleased to provide you with the following cost estimate quotation on transportation and disposal of one (1) drum of Adhesive material and one (1) drum of Waste Ink at you Downers Grove facility. This proposal is based on information you provided.

Permitting Fee (2 @ $150.00)	$ 300.00
Pick up fee (1)	240.00
Transportation (2 drums @ $54.00/drum)	108.00
Disposal (2 drums @ $346.80/drum)	693.60
Misc. Labels/Manifest (2 drums)	34.00
ESTIMATED TOTAL	**$1,375.60**

The permitting fee will be charged from Sigma and is for our time involved in assisting you with this project (i.e. completing necessary paperwork and phone calls, completing proper documentation and setting up transportation). The disposal cost is associated with utilizing LWD in Calvert City, Kentucky for incineration, per your request.

Please note that this quote is based on information provided on the one (1) drum of Adhesive material and one (1) drum of Waste Ink. If the number of drums change or if the material is different than that described, actual costs may vary. If changes in the amount or characteristics of the waste result in additional costs, we will notify you before proceeding.

Every effort will be exercised to perform the above mentioned task in a timely and cost-effective manner. Price quotes are valid 60 days from the date appearing on this proposal. Payment terms are net 20 days.

Sigma is prepared to begin work on this project upon receipt of a mutually agreeable purchased order. We are estimating approximately 4 weeks from the start of this project to completion of disposal.

If you have any questions regarding this proposal, please feel free to contact myself or Paul Zovic at (414) 768-7144. We at Sigma look forward to assisting you in this project.

Sincerely,

Amber E. Rauter
Technical Service Representative

Paul S. Zovic
Manager, Technical Services

J.L.CLARK
a member of the CLARCOR consumer products group

June 22, 1993

Ms. Amber Rauter
Sigma Environmental Services Inc.
9555 South Howell Avenue
Oak Creek, WI 53154

Dear Amber:

Enclosed are copies of two analyses for waste streams at our Downers Grove, IL facility. We have about 20 gallons of the waste adhesive and one 55 gallon drum of the waste ink that we need to dispose of.

Would you please review and submit a proposal for disposal from our facility in Downers Grove? Where possible, our preference would be to utilize Chem Waste in Menomonee or LWD if these fit with the profiles. Please forward to my attention at the address below. Should you have any questions, please feel free to call at (815) 961-5686.

Sincerely,

James K. Klotz, CHMM
Environmental Engineer

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125
815/962-8861
FAX: 815/962-6356

ENVIRONMENTAL LABORATORIES INC.

12/17/92 LABORATORY REPORT

J123 8479561 W31

JL CLARK MANUFACTURING
2300 SIXTH STREET P.O. BOX 7000
ROCKFORD ,IL 61125
ATTN: JIM KLOTZ

SAMPLE 92329-J04064 WASTE ADHESIVE
DATE COLLECTED 11/23/92 DATE RECEIVED 11/24/92
PRESERVED: NO TEMPERATURE: 18.0 DEG. C
CONT. INTEGRITY: MEETS STANDARD SAMPLE INTEG: MEETS STANDARD

TEST NAME	RESULT	UNITS	ANALYZED	METHOD	LIMIT
% CHLORINE	<0.040 @	%	11/30/92	EPA 325.2	
BTU'S	18000	BTU'S/LB	11/25/92	ASTM D240-87	
FLASH POINT (FAHRENHEIT)	102	DEG F	11/25/92	SW846 1020	140.0
	CLOSED - CUP				
SPECIFIC GRAVITY	0.91	G/ML	11/25/92	ASTM D5057-90	
TOTAL SOLIDS	37	%	11/25/92	STD METH 2540B	
FREE LIQUIDS	97	%	11/24/92	SW846 9095	
LAYERS	NONE		11/24/92	ASTM D4979-89	
ODOR	STRONG		11/24/92	ASTM D4979-89	
COLOR	BROWN		11/24/92	ASTM D4979-89	
PH (UNITS)	5.1		11/24/92	SW846 9045	2.0-12.5
	PH MEASURED AS SOLID IN WATER.				
PHYSICAL STATE	LIQUID		11/24/92	ASTM D4979-89	
WATER SOLUBILITY	INSOLUBLE		11/24/92	ASTM D4979-89	
PHENOLICS	380	PPM	12/03/92	SW846 9066	
COPPER - TCLP	<0.050	PPM	12/02/92	SW846 6010	
NICKEL - TCLP	<0.15	PPM	12/02/92	SW846 6010	
ZINC - TCLP	180	PPM	12/02/92	SW846 6010	
TOTAL CYANIDE	<10	PPM	12/02/92	******	
	SEMI-QUANTITATIVE SCREENING PROCEDURE				
TOTAL SULFIDE	<2	PPM	11/30/92	******	
	SEMI-QUANTITATIVE SCREENING PROCEDURE				
TCLP EXT. NON-VOLATILE	COMPLETE		12/01/92	SW846 1311	
TCLP EXT. VOLATILE	COMPLETE		12/01/92	SW846 1311	
TCLP GCMS BASE NEUTRAL EXT	COMPLETE		12/02/92	SW846 3510	
TCLP GCMS ACID EXTRACTION	COMPLETE		12/02/92	SW846 3510	

PLEASE CONTACT CLIENT SERVICES WITH ANY QUESTIONS. WATER SAMPLES ARE DISPOSED OF 30 DAYS AFTER RECEIPT; SOIL SAMPLES WILL BE DISPOSED OF 6 WEEKS AFTER RECEIPT; WASTE SAMPLES (NON-WATER, NON-SOIL) WILL BE RETURNED 6 WEEKS AFTER RECEIPT. N/T = NOT TESTED, N/A = NOT APPLICABLE, N/D = NOT DETECTED.
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$ = ELEVATED DETECTION LIMIT DUE TO SAMPLE QUANTITY. + = ELEVATED DETECTION LIMIT DUE TO EXTRACT VOLUME.
AIHA ACCREDITED APPROVAL

CONTINUED ON NEXT PAGE

ENVIRONMENTAL LABORATORIES INC.

12/17/92 LABORATORY REPORT

J123 8479561 W31

JL CLARK MANUFACTURING
2300 SIXTH STREET P.O. BOX 7000
ROCKFORD ,IL 61125
ATTN: JIM KLOTZ

SAMPLE 92329-J04064 WASTE ADHESIVE
DATE COLLECTED 11/23/92 DATE RECEIVED 11/24/92
PRESERVED: NO TEMPERATURE: 18.0 DEG. C
CONT. INTEGRITY: MEETS STANDARD SAMPLE INTEG: MEETS STANDARD

TEST NAME	RESULT (MG/L)	LIMIT OF DETECTION	% RECOV	BIAS RESULT	DATE ANALYZED	METHOD	ACTION LIMIT
TRICHLOROETHYLENE-TCLP	N/D	0.050	92	<0.054	12/03/92	SW846 8021	0.5

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AIHA ACCREDITED APPROVAL

140 East Ryan Road, Oak Creek, WI 53154-4599 • 414-764-7005 • FAX 414-764-0486 • 1-800-422-2195
Client Services Direct Line 414-768-7460 • WI DNR Lab Certification #241283020 • IEPA Lab Certification #100243

ENVIRONMENTAL LABORATORIES INC.

12/15/92 LABORATORY REPORT

J123 8479357 W04

JL CLARK MANUFACTURING
2300 SIXTH STREET P.O. BOX 7000
ROCKFORD ,IL 61125
ATTN: JIM KLOTZ

SAMPLE 92322-J04064 INK WASTE
DATE COLLECTED 11/16/92 DATE RECEIVED 11/17/92
PRESERVED: NO TEMPERATURE: 19.4 DEG. C
CONT. INTEGRITY: MEETS STANDARD SAMPLE INTEG: MEETS STANDARD

TEST NAME	RESULT	UNITS	ANALYZED	METHOD	LIMIT	
% CHLORINE	0.36	%	11/18/92	EPA 325.2		!
BTU'S	13000	BTU'S/LB	11/18/92	ASTM D240-87		!
FLASH POINT (FAHRENHEIT)	>210	DEG F	11/18/92	SW846 1020	140.0	!
	CLOSED - CUP					
SPECIFIC GRAVITY	1.20	G/ML	11/18/92	ASTM D5057-90		!
TOTAL SOLIDS	96	%	11/18/92	STD METH 2540B		!
FREE LIQUIDS	0	%	11/17/92	SW846 9095		!
LAYERS	NONE		11/17/92	ASTM D4979-89		!
ODOR	MILD		11/17/92	ASTM D4979-89		!
COLOR			11/17/92	ASTM D4979-89		!
	MULTI-COLORED					
PH (UNITS)	4.5		11/17/92	SW846 9045	2.0-12.5	!
	PH MEASURED AS SOLID IN WATER.					
PHYSICAL STATE	SEMI-SOLID		11/17/92	ASTM D4979-89		!
WATER SOLUBILITY	INSOLUBLE		11/17/92	ASTM D4979-89		!
PHENOLICS	30	PPM	11/20/92	SW846 9066		!
COPPER - TCLP	<0.050	PPM	11/24/92	SW846 6010		!
NICKEL - TCLP	<0.15	PPM	11/24/92	SW846 6010		!
ZINC - TCLP	0.54	PPM	11/24/92	SW846 6010		!
TOTAL CYANIDE	<10	PPM	11/18/92	******		!
	SEMI-QUANTITATIVE SCREENING PROCEDURE					
TOTAL SULFIDE	<2	PPM	11/18/92	******		!
	SEMI-QUANTITATIVE SCREENING PROCEDURE					
TCLP EXT. NON-VOLATILE	COMPLETE		11/20/92	SW846 1311		!
TCLP EXT. VOLATILE	COMPLETE		11/21/92	SW846 1311		!
TCLP GCMS BASE NEUTRAL EXT	COMPLETE		11/24/92	SW846 3510		!
TCLP GCMS ACID EXTRACTION	COMPLETE		11/24/92	SW846 3510		!
G.P.C. CLEANUP	COMPLETE		12/01/92	SW846 3540		!

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CONTINUED ON NEXT PAGE ! = REPRINT

ENVIRONMENTAL LABORATORIES INC.

J123 8479357 W04

JL CLARK MANUFACTURING
2300 SIXTH STREET P.O. BOX 7000
ROCKFORD ,IL 61125
ATTN: JIM KLOTZ

SAMPLE 92322-J04064 INK WASTE
DATE COLLECTED 11/16/92 DATE RECEIVED 11/17/92
PRESERVED: NO TEMPERATURE: 19.4 DEG. C
CONT. INTEGRITY: MEETS STANDARD SAMPLE INTEG: MEETS STANDARD

TEST NAME	RESULT (MG/L)	LIMIT OF DETECTION	% RECOV	BIAS RESULT	DATE ANALYZED	METHOD	ACTION LIMIT	
ARSENIC-TCLP	N/D	0.005	90	<0.0055	11/23/92	SW846 7060	5.0	!
BARIUM-TCLP	1.7	0.050	85	2.0	11/24/92	SW846 6010	100.0	!
CADMIUM-TCLP	N/D	0.050	82	<0.061	11/24/92	SW846 6010	1.0	!
CHROMIUM-TCLP	N/D	0.050	90	<0.056	11/24/92	SW846 6010	5.0	!
LEAD-TCLP	N/D	0.50	80	<0.63	11/24/92	SW846 6010	5.0	!
MERCURY-TCLP	N/D	0.002	78	<0.0025	11/23/92	SW846 7471	0.2	!
SELENIUM-TCLP	N/D	0.005	81	<0.0061	11/23/92	SW846 7740	1.0	!
SILVER-TCLP	N/D	0.10	76	<0.13	11/30/92	SW846 6010	5.0	!
METHYL ETHYL KETONE-TCLP	0.75	0.15	88	0.85	12/01/92	SW846 8021	200.0	!
	CONCENTRATION MAY BE HIGH DUE TO DILUTION FACTOR.							
	BLANK CONCENTRATION = 0.002 MG/L							
BENZENE-TCLP	N/D	0.050	109	<0.050	12/01/92	SW846 8021	0.5	!
CARBON TETRACHLORIDE-TCLP	N/D	0.050	101	<0.050	12/01/92	SW846 8021	0.5	!
CHLOROFORM-TCLP	N/D	0.050	87	<0.057	12/01/92	SW846 8021	6.0	!
1,2 DICHLOROETHANE-TCLP	N/D	0.050	92	<0.054	12/01/92	SW846 8021	0.5	!
1,1 DICHLOROETHYLENE-TCLP	N/D	0.050	145	<0.050	12/01/92	SW846 8021	0.7	!
TETRACHLOROETHYLENE-TCLP	N/D	0.050	88	<0.057	12/01/92	SW846 8021	0.7	!
VINYL CHLORIDE-TCLP	N/D	0.15	106	<0.15	12/01/92	SW846 8021	0.2	!
CHLOROBENZENE-TCLP	N/D	0.050	104	<0.050	12/01/92	SW846 8021	100.0	!
TRICHLOROETHYLENE-TCLP	N/D	0.050	94	<0.053	12/01/92	SW846 8021	0.5	!

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Client Services Direct Line 414-768-7460 • WI DNR Lab Certification #241283020 • IEPA Lab Certification #100243

ENVIRONMENTAL LABORATORIES INC.

01/21/93 LABORATORY REPORT PAGE 1

J123 8480305 W61
DK/* / / /

JL CLARK MANUFACTURING
2300 SIXTH STREET P.O. BOX 7000
ROCKFORD ,IL 61125
ATTN: JIM KLOTZ

SAMPLE 92364-J04064 INK WASTE
DATE COLLECTED 12/28/92 DATE RECEIVED 12/29/92
PRESERVED: NO TEMPERATURE: 21.5 DEG. C
CONT. INTEGRITY: MEETS STANDARD SAMPLE INTEG: MEETS STANDARD

TEST NAME	RESULT	UNITS	ANALYZED	METHOD	LIMIT
TCLP EXT. NON-VOLATILE	COMPLETE		01/05/93	SW846 1311	
TCLP GCMS BASE NEUTRAL EXT	COMPLETE		01/05/93	SW846 3510	
TCLP GCMS ACID EXTRACTION	COMPLETE		01/05/93	SW846 3510	
G.P.C. CLEANUP	COMPLETE		01/06/93	SW846 3540	

TEST NAME	RESULT (MG/L)	LIMIT OF DETECTION	% RECOV	BIAS RESULT	DATE ANALYZED	METHOD	ACTION LIMIT
2,4,5-TRICHLOROPHENOL-GCMS	<0.50	0.25	66	<0.76	01/20/93	SW846 8270	400.0
PENTACHLOROPHENOL-GCMS	<0.50	0.25	90	<0.56	01/20/93	SW846 8270	100.0
2,4,6-TRICHLOROPHENOL-GCMS	<0.50	0.25	57	<0.88	01/20/93	SW846 8270	2.0
CRESOLS (O,M, AND P) GCMS	<1.5	0.75	50	<3.0	01/20/93	SW846 8270	200.0
HEXACHLOROETHANE-GCMS	<0.050	0.025	38	<0.13	01/20/93	SW846 8270	3.0
PYRIDINE-GCMS	<0.050	0.025	68	<0.074	01/20/93	SW846 8270	5.0
1,4-DICHLOROBENZENE-GCMS	<0.050	0.025	24	<0.21	01/20/93	SW846 8270	7.5
2,4-DINITROTOLUENE-GCMS	<0.050	0.025	70	<0.071	01/20/93	SW846 8270	0.13
HEXACHLOROBENZENE-GCMS	<0.050	0.025	32	<0.16	01/20/93	SW846 8270	0.13
HEXACHLOROBUTADIENE-GCMS	<0.050	0.025	25	<0.20	01/20/93	SW846 8270	0.5
NITROBENZENE-GCMS	<0.050	0.025	117	<0.050	01/20/93	SW846 8270	2.0

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AIHA ACCREDITED APPROVAL

140 East Ryan Road, Oak Creek, WI 53154-4599 • 414-764-7005 • FAX 414-764-0486 • 1-800-422-2195
Client Services Direct Line 414-768-7460 • WI DNR Lab Certification #241283020 • IEPA Lab Certification #100243

CERTIFICATE OF DISPOSAL

This certifies that WRR Environmental Services Co., Inc. has properly disposed of the following waste(s) in accordance with all applicable Federal, State, and local laws, ordinances, and regulations.

COMPANY: J.L. CLARK, INC
2300 WISCONSIN AVE.
DOWNERS GROVE, IL 60515
ATTN.

GENERATOR (IF DIFFERENT):

MANIFEST #(S): 647766
LOAD #(S): 54136
DATE: 10/12/95

MATERIAL	ID#	QTY	METHOD OF DISPOSAL
PAINT RELATED MATL	9308073	7 DRMS	FUEL BLENDING

Post-It® Fax Note 7671	Date 2/28/96	# of pages ▶ 9
To Glenn	From Eda	
Co./Dept. JL Clark	Co. WRR	
Phone #	Phone # 715-836-8785	
Fax # 815 962 0417	Fax #	

Thank you for the opportunity to serve you.

Signed: James L. Hager
James L. Hager, President and CEO

Date: FEB 28 1996

This certifies that WRR Environmental Services Company, Inc., has properly disposed of waste from the below named company on manifest number(s) listed below, in accordance with all applicable Federal, State, and local laws, ordinances, and regulations.

Company Name: J.L Clark, Inc./Wisconsin Ave.

Company Address: J.L Clark, Inc.
2300 Sixth St.
Rockford, IL 61104
ATTN:

Manifest #(s): M-#593284 2/22/95

Load #(s) : 50824

Material:			Method:
Paint Related Matl	9308073	(6 bbls)	Thin film evaporation

Sincerely, WRR Environmental Services Company, Inc.

Signed

James L. Hager/President CEO

Date: FEB 27 1996

CERTIFICATE OF DISPOSAL

This certifies that WRR Environmental Services Co., Inc. has properly disposed of the following waste(s) in accordance with all applicable Federal, State, and local laws, ordinances, and regulations.

COMPANY: J L CLARK
2300 WISCONSIN AVENUE
DOWNERS GROVE IL 60515

MANIFEST #	LOAD #	DATE	ID#	MATERIAL	QTY	METHOD OF DISPOSAL	
J635051	60322	01/17/96	93080073	TOLUENE/ACETONE	8	MO61	Fuel Blending
J671134	61336	03/29/96	93080073	TOLUENE/ACETONE	8	MO61	Fuel Blending
J680506	62951	07/19/96	93080073	TOLUENE/ACETONE	7	MO61	Fuel Blending
J769046	64542	11/08/96	93080073	TOLUENE/ACETONE	6	MO61	Fuel Blending

Thank you for the opportunity to serve you.

Signed: James L Hager Date: 5/8/97

James L Hager, President & CEO

J.L.CLARK
a member of the CLARCOR consumer products group

March 5, 1993

3/29 Johni McMillion — Key in data at 9240.0. Jan.

Mr. E. William Radlinski
Manager, Planning and Reporting Section
Division of Land Pollution Control #24
Illinois Environmental Protection Agency
P.O. Box 19276
Springfield, Illinois 62794-9276

-Certified Mail-
P 406 114 829

Dear Radlinski:

Enclosed please find the reviewed page 2 of the Hazardous Waste Report for J. L. Clark - Tube Division.

In preparing the report, an additional manifest was in advertently not included in our original submission. Per our conversation with the Help Line, they advised marking this page revised and submitting only this page.

Should you require any additional information, please contact me at (815)962-8861.

Sincerely,

James K. Klotz, CHMM
Environmental Engineer

/tkb

Enclosure

bcc: John Benton
Gordon VerWeyst
Greg Gann

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your addr... from being ret... the date of de... and check bo...
1. ☐ Show
3. Article A...
Mr. W... Divi... Ill... P.O. Spr...
5. Signature X
6. Signature X
7. Date of D...

P 406 114 829
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to	William Radlinski IEPA - Land Pollution JLK
Street and No.	P.O. Box 19276
P.O., State and ZIP Code	Springfield, IL 62794-9276
Postage	$ 29
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	100
Return Receipt showing to whom, Date and Address of Delivery	
Total Postage and Fees	$ 229
Postmark or Date	

PS Form 3800, June 1985 ☆U.S.G.P.O. 1989-234-555

PS Form 3811, Apr. 1989 ★U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125
815/962-8861
FAX: 815/962-6356

ILD 005 130 000 043 80300 02 **REVISED**

T. L. Clark
2300 Wisconsin Avenue
Downers Grove, IL 60515

ILLINOIS Environmental Protection Agency
1992 Hazardous Waste Report
Form GM – Waste Generation and Management

Instructions for this form found on pages 13 - 30.

Sec. I WASTE DESCRIPTION

A. Waste Description: Ignitable solvents and coating residue from coater operation.
B. EPA Hazardous Waste Code F 0 0 3 (30) ____ (34) ____ (38) ____ (42) ____ (46) ____
C. SIC code 3 4 9 9 (50)
D. Origin Code 1 (54) System type M (55) ____ E. Source code A (58) 2 1 (62) A ____ (66) A ____
F. Point of measurement 1 (68) G. Waste form code B (69) 2 0 3
H. Radioactive mixed N (73) I. TRI constituent 2 (74)
J. CAS numbers: 1. (75) ____-__-__ 2. (83) ____-__-__ 3. (91) ____-__-__
4. (99) ____-__-__ 5. (107) ____-__-__

Sec. II QUANTITY GENERATED AND MANAGED ON-SITE

A. UOM T (115) Density (116) 7.02 lbs/gal *(Same unit and density must be used for all quantities on this page)*
Quantity generated in : B Previous reporting year (120) 1265.0 C. Current reporting year (130) 9240
D. Did this location do any of the following to this waste (at this location): manage in exempt or regulated treatment, recycling, or disposal process? N (140) Y= Yes (Continue to System 1) N= No (Skip to Sec. III)
On-Site System 1: System Type M (141) ____ Quantity managed on-site this year (146) ____.__
On-Site System 2: System Type M (156) ____ Quantity managed on-site this year (160) ____.__

Sec. III OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? Y (166) Y= Yes (Continue to Box B) N= No (Skip to Sec. IV)
Site 1: Name and address of facility: Avganic Industries, Inc.
114 North Main Street
Cottage Grove, WI 53527
B. U.S. EPA ID No. of facility waste was shipped to: W I D 0 0 8 0 8 8 2 4 (176)
C. System type shipped to M (182) 0 2 1 D. Off-site availability code 1 (186)
E. Total quantity shipped in this reporting year: (187) 9240.0

Site 2: Name and address of facility:

B. U.S. EPA ID No. of facility waste was shipped to: (197) ____
C. System type shipped to M (208) ____ D. Off-site availability code (213) ____
E. Total quantity shipped in this reporting year: (214) ____.__

Sec. IV NEW WASTE MINIMIZATION ACTIVITIES

A. Did new activities in this year result in minimization of this waste? N (224) Y= Yes (Cont. to Box B) N= No (Cont. to Sec. V)
B. Activity W (228) ____ W (228) ____ W (231) ____ W (234) ____ C. Other effects (Y=Yes, N=No) (237) ____
D. Quantity recycled in reporting year due to new activities (238) ____.__
E. Activity/production index (248) ____.__ F. Reporting year Source reduction quantity (251) ____.__

Sec. V REGULATED STORAGE

A. Did this site store RCRA wastes 90 days or more and then ship it off-site (to site shown in Section III)? (Y=Yes, N=No) N (261)
B. Did this site store RCRA wastes on-site for more than 90 days but waste is in storage at year end: (Y= Yes, N= No) N (262)
Quantity stored at year end and for 90 days or more that was generated this reporting year: (263) ____.__
Quantity stored at year end that was generated prior to this reporting year: (273) ____.__

COMMENTS: ____ (290) Enter Y (Yes) if you have comments regarding this page and attach extra sheet.

Illinois Environmental Protection Agency · P.O. Box 19276, Springfield, IL 62794-9276

217/782-6761

Annual Report Errors

ILJ 005 130 000 043 60300 02
JAMES KLOTZ
J.L. CLARK, INC.
2800 WISCONSIN AVENUE
DOWNERS GROVE IL
60515

Dear Environmental Coordinator:

Your 1991 Annual Hazardous Waste Report contained errors. Please read and follow the instructions as checked below.

☐ Data from your Annual Hazardous Waste Report produced the error messages from computer edits that you must correct. The errors are shown on the attached printout.

Please review each error message carefully. After you have reviewed your data and records, the report forms and the report instructions please make the necessary modifications or corrections to the attached Error Listing and return the corrected Error Listing to the Agency **within 15 days** of the date of this letter. Please mail this form to:

Illinois Environmental Protection Agency
Division of Land Pollution Control
Facility Reporting Unit #24
Post Office Box 19276
Springfield, Illinois 62794-9276

You should also make the necessary corrections to the copies of the report which you have kept for your files.

☒ Data from the Annual Hazardous Waste Report that you submitted produced error messages from computer edits that Agency staff analyzed and corrected. Based on our analysis of the edits, your report was modified by Agency staff as shown on the attached computer printout.

If you agree with the modifications, you do not have to take any further action except to correct your copy of the report. This action should help you to avoid similar errors in subsequent annual reports.

If you do not agree with the changes, please call me at the number above or write the Facility Reporting Unit at the address above.

Sincerely,

Hope A. Wright

Hope A. Wright
Facility Reporting Unit
Planning & Reporting Section
Division of Land Pollution Control

HAW:jk/sp/568r,1

Attachment

Printed on Recycled Paper

Dear Annual Report Contact Person --

Following is a description of the most common errors made on Annual Reports. If the first box on the attached cover letter is checked you must correct errors we were unable to fix and return to us. If the second box on the attached cover letter is checked we have corrected the errors and you must return it to us only if you disagree with the corrections we have made.

Please note that the Inventory Update Form and any comments pages you included in the report were renumbered as "a" pages in order to have consecutive pages for Form IC, GM, and TI. Thus the page numbers on the attached Error Listing may not reflect the page numbers on the report as you submitted it. Please renumber your report before trying to correct it.

B145 and B148: On Form IC, if you answered Section IV Question A "No" you need to list at least one reason in Question D why you did not initiate source reduction. If you answered Section III Question B "No" you need to list at least one reason in Question D why you did not initiate recycling. We are unable to answer this for you.

The following errors appear frequently regarding Form GM:
B221, A247, A254, etc.: The most common general error generators made was to leave blank various questions on the form (including Y/N queries). We have completed as many of these questions as we could, based on other information provided in your report.

Section I:
A214: Question D, the system type should be completed only if this waste is a residual from treatment that occurred at your location.
A220: Question H, if the waste is not a mixed radioactive waste the correct response is "2".
B221, B222 or A223: Question I and J, refer to page 20 of the instruction book. We are unable to supply CAS numbers for you.

Section II: A233: Please verify the density. Densities below 4 or over 25 lbs/gallon are rare. Note that water is 8.3 lbs/gallon.

Section III:
A246: The facility to whom you sent your waste does not have the system type listed in Question C.
A270: The combination of the form code listed in Section I Question G and the System Type listed in Section III Question C is inconsistent. For example, liquids and sludges cannot be landfilled; thus either the form code should be a solid or the system type should be stabilization or another treatment method.

Section V:
A264: Question B, Y indicates this waste was stored more than 90 days and was still stored 12-31-91; the quantity must be listed.

USEPA-ID	PAGE NBR	FORM CODE	TRAN CODE	IEPA-ID	WASTE-CODES 1	2	3	4	5	SIC CODE	ORIGIN CODE	SYS TYPE	SOURCE-CODES 1	2	3	POINT MEASURE	WASTE FORM	RAD-ACT MIXTURE	TRI
ILD005130000	0002	GM	A	0438030002	F003					3499	1		A21			1	B203	2	? ? 3

(CAS)-CHEMICAL-ABSTRACT-SYSTEM 1 & 4	2 & 5	3	UOM	DENSITY	PREV-YR-&-CURR-YR-QTY	ON-SITE-SYSTEMS-MANAGED TDR TYPE	QUANTITY	OFF-SITE-SYSTEMS-MANAGED SHIP	USEPA-ID	TYPE	AVAIL	QUANTITY
00108883	00067641										?	
00108883	00067641		1	6.50	1,510.0	N	0.0	Y	WID000808824	M021	?	1,265.0
					1,265.0		0.0					0.0

IND	ACTIVITY-CODES	OTHER	RECYCLED-QTY	INDEX	SRC-RED-QTY	>-90-DAYS-AT-Y/E OFF-SHIP	ON-STOR	CURR-&-PREV-YR QTY-STORE-ONSITE	COMMENT INDICATOR	ERROR FLAG	ENTER DATE	PREVIOUS CHANGE DATE
Y	W13 W21 W32 W52	N	0.0	0.0	150.0	N	N	0.0	N	B	920731	

B221: ERROR, TRI INVALID; MUST = 1/2/3/8
A224: ERROR, TRI NOT = 3, CAS NUMBER(S) MUST NOT BE COMPLETED
A247: ERROR, OFF-SITE AVAILABILITY-CODE INVALID; MUST = 1/2/8

USEPA-ID	PAGE NBR	FORM CODE	TRAN CODE	IEPA-ID	WASTE-CODES 1	2	3	4	5	SIC CODE	ORIGIN CODE	SYS TYPE	SOURCE-CODES 1	2	3	POINT MEASURE	WASTE FORM	RAD-ACT MIXTURE	TRI
ILD005130000	0003	GM	A	0438030002	D008					3499	2		A56			1	B319	2	2

(CAS)-CHEMICAL-ABSTRACT-SYSTEM 1 & 4	2 & 5	3	UOM	DENSITY	PREV-YR-&-CURR-YR-QTY	ON-SITE-SYSTEMS-MANAGED TDR TYPE	QUANTITY	OFF-SITE-SYSTEMS-MANAGED SHIP	USEPA-ID	TYPE	AVAIL	QUANTITY
				0.00							?	
			2	0.00	0.0	N	0.0	Y	ILD000805812	M132	?	10.0
				15,00								
					10.0		0.0					0.0

IND	ACTIVITY-CODES	OTHER	RECYCLED-QTY	INDEX	SRC-RED-QTY	>-90-DAYS-AT-Y/E OFF-SHIP	ON-STOR	CURR-&-PREV-YR QTY-STORE-ONSITE	COMMENT INDICATOR	ERROR FLAG	ENTER DATE	PREVIOUS CHANGE DATE
N			0.0	0.0	0.0	N	N	0.0	Y	B	920731	

B232: ERROR, DENSITY INVALID/MISSING; MUST BE NUMERIC GREATER THAN ZERO
A247: ERROR, OFF-SITE AVAILABILITY-CODE INVALID; MUST = 1/2/8

J.L. CLARK
member of the CLARCOR consumer products group

Date: February 28, 1992

To: John Benton

By: Jim Klotz

Copies To: Gordon VerWeyst

Reference: J. L. Clark - Tube Division

Subject: Hazardous Waste Report

5162

Attached is a copy of your Illinois Hazardous Waste Report which has been filed prior to the March 1st deadline. We will return the certified receipts to you when received.

In reviewing your waste manifests, we would like to point out several areas for future reference:

1) State Generators ID: currently you show ILD 43803000002 - this should be 0438030002. We mentioned this last year and it has not been corrected. We have had major problems in the past due to this error. Please be certain manifests are issued with the correct number.

2) Transporter/Facility ID: one manifest reflects WID 00808824 - this should be WID 000808824.

3) US DOT Description: This should read: RQ 1000, Waste Paint Related Material, Flammable Liquid, UN 1263 (F003).

4) Box 15: an emergency phone number should be listed on all hazardous waste manifests. This should be our numbers: 815/961-5686 and/or 815-226-1298.

While this may appear trivial, each is a potential USDOT violation as well as an EPA violation. It is imperative that time is taken to double check any information on the manifest. The purpose of the system is to identify our "cradle to grave" responsibility for waste and could potentially involve us in a site that we did not use, but are pulled into due to these errors. If we can be of any assistance in this matter, please let us know.

We would appreciate in the future if Tube Division would forward a copy of all waste manifests once they are returned from the disposal facility.

/tkb

Attach.

Illinois Environmental Protection Agency • P.O. Box 19276, Springfield, IL 62794-9276

GENERIC WASTE STREAM PERMIT ATTACHMENT

SITE CODE: 0311260001

SITE NAME: BEAVER OIL CO INC

DATE RECEIVED: 07/12/86

GENERIC W/S PERMIT NUMBER: 000152

SUP/OP. PERMIT NUMBER: 1986123SP

APPROVAL DATE: 10/14/86
EXPIRATION DATE: 10/17/91

GENERIC WASTE CODE: 0057

GENERIC WASTE NAME: USED WASTE, OFF-SPEC AND SURPLUS OILS

WASTE CLASSIFICATION: NON-HAZARDOUS NOT SUBJECT TO FEE

IEPA NON-HAZARD WASTE NUMBER(S): 0002,0003,0014

HANDLING CODE(S): T40,T24,T44,T36

CRITERIA FOR WASTE PROPERTIES

FLASH POINT (MIN): > 140F PH (MIN): > 2.0 PH (MAX): <12.5

CRITERIA FOR WASTE CONSTITUENTS

CODE	NAME	MAX LIMITS
0002	OIL	0100 % VOL
0116	BOTTOM SEDIMENTS AND WATER	0098 % VOL
0025	CADMIUM	0002 PPM
0031	CHROMIUM	0010 PPM
0030	LEAD	0100 PPM
0193	TOTAL CHLORIDE	1000 PPM
0024	ARSENIC	0005 PPM

DISPOSAL METHOD: RECYCLE, REUSE, OR RECLAMATION

TREATMENT METHOD: FUEL BLENDING

MAS

J.L.CLARK
a member of the CLARCOR consumer products group

Date: September 9, 1991

To: Bill Pruyne*

By: Jim Klotz

Copies To: John Benton*/Gordon VerWeyst

Reference: J. L. Clark - Tube Division

Subject: Oily Wastewater

F162

We have reviewed the analytical data from Beaver Oil and all appears in order. This appears to be a more favorable alternative than Safety-Kleen's proposal. We would ask that you request a copy of Beaver Oil's Generic Permit #000152 for the files. Please forward a copy to our attention when received.

Relative to your memo of August 26th, there is no reason to pursue Safety-Kleen for disposal of solvent in your parts tanks. This material should be added to the solvent/paint waste that currently goes to Avganic. Our previous investigations of this program with Safety-Kleen is that it is extremely expensive based on our small volumes. In addition, it does not relieve us from any responsibility and/or liability for this material. Unless there are specific objections, we would recommend not pursuing this further with Safety-Kleen.

/tkb

*Fax'd. 9/9/91

DATE: August 26, 1991

TO: JIM KLOTZ

FROM: BILL PRUYNE

COPIES TO: JOHN BENTON

REFERENCE: J.L. CLARK--TUBE DIV.

SUBJECT: OILY WASTEWATER

ATTACHED IS A COPY OF THE TCLP THAT BEAVER OIL RAN FOR US. ALSO ATTACHED IS A COPY OF THE INVOICE SHOWING THE COST OF THE TCLP. I HAVE ALSO ATTACHED A COPY OF THE PROPOSAL FROM BEAVER SHOWING THE PRICING FOR THE WASTE SERVICE. BEAVER OIL PICKED UP 2,000 GALLONS OF OILY WATER ON 8-19-91.

JIM, I WAS RECENTLY APPROACHED BY OUR MAINTENANCE SUPERVISOR, LARRY ZAPFEL ABOUT USING SAFETY-KLEEN AS A SUPPLIER OF CLEAN-UP SOLVENTS FOR OUR PARTS TANKS. SAFETY-KLEEN WILL SUPPLY CLEAN SOLVENT AND PICK-UP THE DIRTY SOLVENT. I WAS WONDERING IF ANY OTHER DIVISIONS USE THIS SERVICE OR ONE LIKE IT. IT LOOKS AS THOUGH IT MIGHT BE EASIER TO USE THIS SERVICE, AS WE WOULD NOT BE RESPONSIBLE FOR THE TREATMENT OR DISPOSAL OF THE SOLVENTS. PLEASE LET ME KNOW YOUR THOUGHTS ON THIS MATTER.

R. V. FITZSIMMONS AND ASSOC. INC.

CHEMICAL ANALYSTS AND CONSULTANTS
1860 Arthur Drive
West Chicago, Illinois 60185
(708) 231-0680
FAX: (708) 231-0811

ANALYSIS REPORT FOR:

BEAVER OIL COMPANY
6037 Lenzi Ave.
Hodgkins, IL 60525

Attn: Jenny Gardner

PURCHASE ORDER NO. 2204

REPORT NO. 801-1

DATE 8 / 1 / 91

J.L. CLARK

REPORT OF SAMPLE ANALYSIS: Chemical analysis of Sample J29J, used oils and water, for flash point, total organic halogens (TOX), TCLP toxic metals and TCLP organics.

METHODS: Ignitability in accord. with 40 CFR 261.21. Total organic halogens (TOX) per SW-846 Method 9020A. Toxicity characteristics determined in accord. with 40 CFR 261.24. The latter includes TCLP leaching procedure and testing for regulated organics and toxic metals by EPA approved methods.

RESULTS:

SAMPLE J29J

Flashpoint	> 200 F
TOX	< 1.0 ppm

TCLP Metals	Concentration	MCL
Arsenic	< 0.05 mg/l	5.0 mg/l
Barium	< 1.0 mg/l	100.0 mg/l
Cadmium	0.18 mg/l	1.0 mg/l
Chromium	0.40 mg/l	5.0 mg/l
Lead	0.89 mg/l	5.0 mg/l
Mercury	< 0.05 mg/l	0.2 mg/l
Selenium	< 1.0 mg/l	1.0 mg/l
Silver	0.28 mg/l	5.0 mg/l

Sample J29J

TCLP Organics	Concentration	MCL
Benzene	< 0.5 mg/l	0.5 mg/l
Carbon Tetrachloride	< 0.5 mg/l	0.5 mg/l
Chlorobenzene	< 10.0 mg/l	100.0 mg/l
Chloroform	< 1.0 mg/l	6.0 mg/l
o-Cresol	< 10.0 mg/l	200.0 mg/l
m-Cresol	< 10.0 mg/l	200.0 mg/l
p-Cresol	< 10.0 mg/l	200.0 mg/l
Cresol	< 10.0 mg/l	200.0 mg/l
1,4-Dichlorobenzene	< 1.0 mg/l	7.5 mg/l
1,2-Dichloroethane	< 0.5 mg/l	0.5 mg/l
1,1-Dichloroethylene	< 0.5 mg/l	0.7 mg/l
2,4-Dinitrotoluene	< 0.1 mg/l	0.13 mg/l
Hexachlorobenzene	< 0.1 mg/l	0.13 mg/l
Hexachloro-1,3-butadiene	< 0.1 mg/l	0.5 mg/l
Hexachloroethane	< 0.1 mg/l	3.0 mg/l
Methyl Ethyl Ketone	< 50.0 mg/l	200.0 mg/l
Nitrobenzene	< 1.0 mg/l	2.0 mg/l
Pentachlorophenol	< 10.0 mg/l	100.0 mg/l
Pyridine	< 5.0 mg/l	5.0 mg/l
Tetrachloroethylene	< 0.5 mg/l	0.7 mg/l
Trichloroethylene	< 0.5 mg/l	0.5 mg/l
2,4,5-Trichlorophenol	< 10.0 mg/l	400.0 mg/l
2,4,6-Trichlorophenol	< 2.0 mg/l	2.0 mg/l
Vinyl Chloride	< 0.1 mg/l	0.2 mg/l

BEAVER OIL CO. INC.

RECEIVI

6037 LENZI AVE. • HODGKINS, IL 60525 • 708/354-4040

AUG 12 1991

J. L. CLARK, ATLAS TUB

DOWNERS GROVE, IL

CUSTOMER	DISPOSAL SITE
J L CLARK 2300 WISCONSIN AVENUE DOWNERS GROVE IL 60515 ATTN WILLIAM F PRUYNE	BEAVER OIL COMPANY 6037 LENZI AVENUE HODGKINS, IL 6052 SITE NO.0311260001

DATE	DATE SHIPPED	HAULER	YOUR ORDER NO.	CUSTOMER NO.	TERMS	INVOICE NO.
08/06/91	08/01/91	BEAVER	116	J29J	NET/30	22

QUANTITY	DESCRIPTION	RATE	AMOUN
1	WASTE ANALYSIS	985.00	985
	*THANK YOU – **WE DO APPRECIATE** YOUR BUSINESS*	INVOICE TOTAL	$985.

SPECIALISTS IN THE TREATMENT/RECYCLING OF WASTE WATER, COOLANTS, AND OILS.

BEAVER OIL CO. INC.
6037 LENZI AVENUE
HODGKINS, IL 60525

PROPOSAL

GENERATOR ADDRESS

J.L. CLARK
2300 WISCONSIN AVE.
DOWNERS GROVE, IL 60515
ATTN: WILLIAM F. PRUYNE

PLANT ADDRESS

J.L. CLARK
2300 WISCONSIN AVE.
DOWNERS GROVE, IL 60515

DATE 7-25-91 MATERIAL DESCRIPTION WASTE WATER/OILS

TRANSPORTER: ☒ BEAVER OIL ☐ OTHER _____

DISPOSAL/TREATMENT SITE: ☒ BEAVER/HODGKINS ☐ OTHER _____

WASTE ANALYSIS: ☐ PROVIDED ☒ REQUIRED, COST $ 985.00

The following rates will apply for removal of your material based on the results of your analysis demonstrating your material to be ☐ Hazardous ☒ Non-Hazardous according to EPA Regulations as outlined in 35 Illinois Administration Code.

BULK SHIPMENT RATES

TRANSPORTATION: 3000 GALLON TRUCK $285.00 5500 GALLON TRUCK _____

DISPOSAL: ¢ 20 PER GALLON, MINIMUM 825 GALLONS

DEMURRAGE: $ 60.00 PER HOUR AFTER 1 HOUR(S) ON SITE

DRUM SHIPMENT RATES

TRANSPORTATION: $_____ $_____ PER DRUM $_____ MINIMUM

DEMURRAGE: $_____ PER HOUR AFTER _____ HOUR(S) ON SITE

EPA PERMITTING REQUIREMENTS

☐ WASTE STREAM PERMIT APPLIED FOR OR TO BE APPLIED FOR
☐ BEAVER OIL COMPANY MULTI-STOP
☒ GENERIC PERMIT # 000152
☐ OTHER _____

NOTES: MINIMUM 15 DRUM PUMP-OUT
$15.00 MANIFEST CHARGE

☐ SEE SPECIAL INSTRUCTIONS ATTACHED TO THIS PROPOSAL.

THIS PROPOSAL AUTHORIZED BY [signature]

I, Bill Pruyne *AN AUTHORIZED AGENT FOR* J.L. CLARK *HAVE READ AND UNDERSTAND ALL TERMS AND CONDITIONS OF THIS PROPOSAL, INCLUDING ANY ATTACHED SPECIAL INSTRUCTIONS.*

7-29-91

WHITE - Customer Copy YELLOW - Acknowledgement, please sign and return PINK - Office Copy

J.L.CLARK
a member of the CLARCOR consumer products group

Date: February 19, 1991

To: Dick Anderson*

By: Jim Klotz

Copies To: Greg Gann*/Gordon VerWeyst

Reference: J. L. Clark - Atlas Division

Subject: Hazardous Waste Generators Report

F162

Attached is a signed copy of your 1990 Illinois Hazardous Waste Generators Report. This has been filed with the state by certified mail prior to the 3/1/91 filing date and we will forward the certified receipts to you when we receive them.

In reviewing your waste manifests, we would like to point out several areas for future reference:

1) State Generators ID: currently you show ILD 43803000002 - this should be 0438030002

2) Transporter's Phone: The phone number should be included here for Avganic also.

3) US DOT Description: This should read: RQ1000, Waste Paint Related Material, Flammable Liquid, UN 1263(F003)

Should you have any questions, please let me know.

/tkb

Attach.

*Fax'd. 2/19/91

J.L.CLARK
a member of the CLARCOR consumer products group

February 19, 1991

Mr. Eugene Theios
Manager, Facility Reporting Unit
Planning and Reporting Section
Illinois Environmental Protection Agency
Division of Land Pollution Control
P.O. Box 19276
Springfield, IL 62794-9276

- Certified Mail -
P 945 779 821

Dear Mr. Theios:

Enclosed please find the completed 1990 Generator Annual Hazardous Waste Report for J. L. Clark - Atlas Division. This submission satisfies the requirements of 35 Illinois Administration Code 722.141.

Should you require any additional information, please contact me at 815/962-8861.

Sincerely,

James K. Klotz, CHMM
Chemist/Environmental Engineer

/tkb

Enclosure

bcc: Gordon VerWeyst
Greg Gann
Dick Anderson

2300 Sixth Street, P.O. Box 7000
Rockford, Illinois 61125

815/962-8861
FAX: 815/962-6356

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1990 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

GENERATOR USEPA I.D. NUMBER IL

I L D 0 0 5 1 3 0 0 0 0

GENERATOR IEPA I.D. NUMBER

0 4 3 8 0 3 0 0 0 2

COMMENTS

The Atlas Division of J. L. Clark experienced increased business levels during 1990 which correspondingly increased the volume of waste material. The total volume, however, is down from 2,145 gallons in 1988 to 1,620 gallons in 1990.

The waste solvents and paint materials are fractionated off site with a 60% yield being sold by the facility to J. L. Clark or other solvent users. The remaining still bottoms are consumed in a secondary fuel blending program. No still bottoms go to landfill.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1990 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

For Agency use |L|P|H|W|C| CARD |2|0| TRANS |A| |0|2|2|8|9|1|

GENERATO ILD005130000 0438030002
|I|L| |
17
J L CLARK
RONALD A MOREAU
GENERATOR COMPANY N/ 2300 WISCONSIN AVE
DOWNERS GROVE IL 60515

MAILING ADDRESS: ____

LOCATION WASTE GENERATED: 2300 Wisconsin Avenue Downers Grove, Il 605:
STREET CITY ZIP

CONTACT PERSON: James K. Klotz (815) 962-8861
NAME A/C PHONE

GENERATOR SIC CODE |3|4|9|9

NON-REGULATED STATUS If your company was not regulated during 1990, circle the numeric code (1-5) that describes your non-regulated status during the entire year AND circle the code for the time period this status is expected to apply (6-8). Sign and date this form and attach comment page before mailing.

a. 1 NO HAZARDOUS WASTE SHIPPED OFF-SITE
15

2 SMALL QUANTITY GENERATOR (Did not generate more than 1000 kg of hazardous waste (or 1 Kg acutely hazardous waste) in any month or accumulate 6000 kg hazardous waste for more than 180 days or more than 270 days for waste transported to a facility over 200 miles away.)
15

3 FARMING OR OTHER OPERATIONS EXEMPT UNDER 35 Ill. Adm. Code 721.104
15

4 EXEMPT UNDER 35 Ill. Adm. Code 721.106
15

5 CLOSED (Prior to 1/1/90) and no waste was shipped off-site
15

b. 6 FOR 1990 ONLY, explain in comment section
16

7 PERMANENTLY, explain in comment section
16

8 OTHER, explain in comment section
16

REGULATED STATUS If your company does not qualify for non-regulated status it is regulated for 1990. You must complete the entire report including Page 1 (Generator Information), Page 2 (Comments), Page 3 (Waste Minimization), Page 4 (Transportation Services) and Page(s) 5, 6, 7, etc. (Facility Information).

This Agency is authorized to require this information under Illinois Revised Statutes, 1981, Chapter III-1/2, Sections 1004 and 1021(f)(2). Disclosure of this information is required. Failure to do so may result in a civil penalty up to $25,000 for each day the failure continues, a fine up to $1,000,000.00 and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

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.

Gordon E. VerWeyst Vice President - Engineering Gordon E. VerWeyst 2/22/9
PRINT/TYPE NAME TITLE SIGNATURE DATE

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1990 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

GENERATOR USEPA I.D. NUMBER: I L D 0 0 5 1 3 0 0 0

GENERATOR IEPA I.D: 0 4 3 8 0 3 0 0 0 2

I. WASTE MINIMIZATION ACTIVITY

a. Efforts taken in 1990 to implement waste minimization includes the following (this can be reduction of total volume of waste or reduction of toxicity, or both, consistent with minimizing present or future threats to human health and the environment): (Indicate all that apply)

(YES) NO Did you create or expand a source reduction program during report year? This implies any action that reduces the toxicity or amount of waste exiting a process, such as feedstock modifications, process modifications, housekeeping practices.

YES (NO) Did you create or expand an on-site recycling program during the report year? This implies use, reuse, or reclamation of a waste after it has been generated.

YES (NO) Did you conduct a source reduction and/or recycling opportunity assessment or audit during the report year?

YES (NO) Did you use the Industrial Materials Exchange Service or another waste exchange during the report year?

IF you answered "no" to ALL of these questions, continue to section c. If you answered "yes" to ANY of these questions, continue to section b.

b. YES NO Did these efforts result in minimization of waste?

IF "yes" identify the waste streams minimized: non-halogenated solvents

Waste type (page 6 of instructions): 03, __, __

RCRA Hazardous Waste Code (Appendix C): F 0 03

Method of minimization:

- ___ On-site recycling
- ___ Equipment or technology modification/substitution
- ___ Process modification/substitution
- ___ Feedstock modification
- ___ Waste stream segregation
- ___ Industrial Materials Exchange Service or other waste exchange
- x Improved housekeeping
- ___ Other (Specify): _____

Results of minimization:

Quantity prevented: approx. 25 gallons

YES (NO) Toxicity reduction SIC codes of process 3499 _____

YES (NO) Did efforts result in increase in emissions to air, land or water?

c. What factors delayed or prevented implementation of waste minimization?

- ___ Insufficient capital
- ___ Permitting burdens
- x Technical limitations
- x Not economically feasible
- ___ Other, explain: _____

II. STATUS OF ON-SITE WASTE MANAGEMENT

YES (NO) Waste is managed on-site in RCRA permitted units. *(If yes, a TSDR Facility Annual Report must also be submitted.)*

YES (NO) Waste was treated, recycled, or disposed on-site in units exempt from RCRA permitting requirements. (This includes discharges under NPDES permits, direct discharges to a POTW, on-site treatment and discharge to municipal treatment works, on-site recycling, burning in industrial boilers and furnaces for energy recovery.)

If "yes" the waste type (from page 6 of the instructions) is __ __.

The amount of waste so managed during the report year was _____ tons.

If a second waste type is so managed, the waste type is __ __ and the amount managed was _____ tons.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1990 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

For Agency use | L P H W C | (1–5) CARD | 6 0 | (6–7) TRANS | A | (8) | 0 2 2 8 9 1 | (9–14)

GENERATOR USEPA I.D. NUMBER: I L D 0 0 5 1 3 0 0 0 0 (18–29)

GENERATOR IEPA I.D. NUMBER: 0 4 3 8 0 3 0 0 0 2 (30–39)

LIST OF TRANSPORTATION SERVICES (HAULERS) USED: *List each hauler only once regardless of the number of individual waste shipments.*

LINE NO. (63–64)	TRANSPORTER NAME/ ADDRESS	TRANSPORTER USEPA I.D. NO. (95–106)	TRANSPORTER'S ILLINOIS EPA I.D. NUMBER (107–110)
01	Avganic Industries, Inc. 114 N. Main St., Cottage Grove, WI 53527	W I D 0 0 0 8 0 8 8 2 4	2 0 6 6
02			
03			
04			
05			
06			
07			
08			
09			
10			

Page 0 0 0 4 (15–17)

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1990 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

FOR AGENCY USE | L P H W C (1–5) | CARD 5 0 (6–7) | TRANS A (8) | 0 2 2 8 9 1 (9–14)

GENERATOR USEPA I.D. NUMBER: I L D 0 0 5 1 3 0 0 0 0 (18–29)

GENERATOR IEPA I.D. NUMBER: 0 4 3 8 0 3 0 0 0 2 (30–39)

Complete one of these pages for each Facility utilized during the year. All facilities in or out of state receiving hazardous waste generated in Illinois have a USEPA and a IEPA I.D. Number. Obtain this information from Appendix B, the facility or from your manifest copy.

FACILITY USEPA I.D NUMBER: W I D 0 0 0 8 0 8 8 2 4 (41–52)

FACILITY IEPA I.D. NUMBER: 9 5 5 0 2 5 0 0 0 1 (53–62)

Avganic Industries, Inc. — FACILITY NAME

(608) 257-1414 — A/C PHONE

114 North Main Street — ADDRESS (where waste was managed)

Cottage Grove — CITY

WI — STATE

53527 — ZIP

LINE NO.	DESCRIPTION OF WASTE	WASTE TYPE (67–68)	RCRA HAZARDOUS WASTE CODE (69–72, 73–76, 77–80, 81–84)	AMOUNT (gals. only) (85–93)	DENSITY (lbs./gal) (94–96)	ORIGIN (132)	MGMT CTGRY (133–134)
1 (66)	Waste Paint Related Materials Flammable Liquid, UN 1263	03	F003	1510	6.5	1	02
2 (66)	Waste Petroleum Naptha, Combustible Liquid, UN 1255	03	D001	110	5.8	1	02
3 (66)					.		
4 (66)					.		
5 (66)					.		
6 (66)					.		
7 (66)					.		
8 (66)					.		

Page 00 05 (97–100)

P 945 779 821

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

JKK

Sent to IEPA - Land Poll. Control	
Street and No. P.O. Box 19276	
P.O., State and ZIP Code Springfield, IL 62794-9276	
Postage	$ .52
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	1.00
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$ 2.62
Postmark or Date	

FEB 21 1991 611 PM

PS Form 3800, June 1985