



WASTE MATERIAL DATA SHEET

No. 131598

A GENERAL INFORMATION

CUSTOMER INFO

Invoice Address ☐ Cert Address ☒ N/A ☐
Contact GERALD L. PERRY
Customer Name PPG INDUSTRIES, INC.
Address P.O. BOX 1000
City LAKE CHARLES
State LOUISIANA Zip 70602
Phone # 318-491-4370
USEPA ID# LAD008086506

SHIPPING FACILITY

Invoice Address ☐ Cert Address ☐ N/A ☐
Contact GINGER BUSBY
Facility Name PPG INDUSTRIES, INC.
Address P.O. BOX 1000
City LAKE CHARLES
State LOUISIANA Zip 70602
Phone # 318-491-4500
USEPA ID# LAD008086506

Generator Name (if different)

B WASTE DESCRIPTION

NAME OF WASTE Classifier Indeterminate Phase
PROCESS GENERATING WASTE WTU Classifier

C GENERAL CHARACTERISTICS (at 70° F unless otherwise specified)

COLOR Brn to Blk ☐ LIQUID 100 % FREE PHASES _____
ODOR yes ☐ SOLID ☐ SINGLE LAYER
☐ NONE ☒ STRONG ☒ SLUDGE ☒ DOUBLE LAYER
☐ MILD ☐ POWDER ☐ MULTI-LAYER

D NFPA HAZARD CODE

Enclose copies of safety data sheets
applicable to waste. Include data
constituents of waste and materials
used in process.

FLAMMABLE
HEALTH 2 2 0 REACTIVE
Special Instructions _____

E SPECIAL HANDLING INSTRUCTIONS

If special handling techniques are required, specify: Use proper protective equipment.

Is a representative sample provided? Yes ☐ No ☒

Sample Purchase Order No. _____

F RCRA INFORMATION

Is this a USEPA hazardous waste? X
Please give USEPA hazardous waste codes:

F024 D001 D019 D022

D029 D039 D040 D043

Describe nature of reactivity if D003 waste:

G SHIPPING INFORMATION

DOT hazardous material X
PROPER SHIPPING NAME Waste flammable liquid, no.s.*
HAZARD CLASS Flammable liquid ID # UN1993 R/Q 1 lb.
ANTICIPATED VOLUME _____ GAL _____ YDS. 100,000 LBS.
_____ DRUM(S), BULK X RAIL X
☐ ONE TIME ☐ WK ☐ MO ☒ YR OTHER _____
Type and size of container: 55 gallon drum
WT PER CONTAINER: 600 lbs.
WT PER GALLON: 12

H 1 SPECIFIC GRAVITY

☐ <0.8 ☐ 1.4-1.7
☐ 0.8-1.0 ☐ >1.7
☐ 1.0-1.2 ☐ _____
☒ 1.2-1.4 actual

2 VISCOSITY

(centipoise)
☐ 1-100 ☐ U
☐ 100-1000 actual
☐ 1000-10,000
☐ >10,000

3 ASH (%WT)

☐ <0.1
☐ 0.1-1.0
☐ 1.0-5.0
☒ 5.0-20 ☐ _____
☐ >20 actual

4 TOTAL SUSPENDED SOLIDS (%WT)

☐ <0.5 ☐ >20
☐ 0.5-2.0 U
☐ 2.0-5.0 actual
☐ 5.0-20

5 pH

☒ <2 ☐ >12.5
☒ 2-6 actual
☐ 6-8
☐ 8-10
☐ 10-12.5 constituent

6 BTU's 1000/lbs.

☒ <1 ☐ 12-16
☒ 1-4 ☐ >16
☐ 4-8 actual
☐ 8-12

7 FLASH POINT (closed cup)

☒ <100 F ☐ >200 F
☐ 100-140 F
☐ 140-200 F actual

8 SULFUR (%WT)

☐ <0.5 ☐ >5
☐ 0.5-2.0 actual
☐ 2-5

9 HALOGENS (%)

Chlorine 25-35 Fluorine 0
Bromine 0 Iodine 0

10 METAL ☒ TOTAL (PPM) ☐ EPA E P (mg/L)

Arsenic (As) <0.1
Barium (Ba) 6 (TCLP)
Cadmium (Cd) <1
Chromium (Cr) 132
Mercury (Hg) <0.1
Lead (Pb) 24
Chromium-Hex (Cr+6) ☒ Not Tested
Selenium (Se) <0.1
Silver (Ag) <5
Copper (Cu) 422
Nickel (Ni) 82
Zinc (Zn) 98
Thallium (Ti) <20
Other (Specify) _____
Iron (Fe) 98
Cobalt (Co) 6

11 HAZARDOUS CHARACTERISTICS AND OTHER COMPONENTS

Reactivity: ☒ None ☐ Explosive ☐ Pyrophoric ☐ Shock Sensitive
☐ Water Reactive ☐ Etiological ☐ Radioactive ☐ Acutely Hazardous Waste
Cyanides <0.1 (ppm) PCB's <50 (ppm) Pesticides Not believed present
Sulfides U (ppm) Phenolics U (ppm)

I CHEMICAL COMPOSITION (MUST TOTAL 100%)

Chlorinated Hydrocarbon Mixture
Water 25-75% Chloroethane 1-5%
Solids (carbon, Etc) 5-14% Chloroform 1-5%
Chlorinated Hydrocarbons (mixture of 20-50% Ethylene Dichloride 5-15%
C₂-C₅) Vinylidene Chloride 1-5%
Trichloroethylene 1-5%
Perchloroethylene 1-10%
Tetrachloroethane 1-5%
Vinyl Chloride 0-1%

I HEREBY CERTIFY THAT ALL INFORMATION SUBMITTED IN THIS AND
ALL ATTACHED DOCUMENTS IS COMPLETE AND ACCURATE, AND THAT ALL
KNOWN OR SUSPECTED HAZARDOUS HAVE BEEN DISCLOSED

PC / WSE

ENSICO USE ONLY

RECERTIFICATION DATE

SL 021453

ENV. CTRL. SPEC. 1/02/91

DATE

501-863-7173



American Oil Road
P O Box 1957
E Dorado Arkansas 71731-1957

JANUARY 17, 1991

PPG INDUSTRIES, INC.
ATTN: GERALD CLARK
P.O. BOX 1000
LAKE CHARLES

PO # -----

DATE RECEIVED-- 01/14/91

LA 70602

SAMPLE: CLASSIFIER INDETERMINATE PHASE

SAMPLE #	TESTS	RESULTS
LS 00131598	SPECIFIC GRAVITY	= 1.39
	PH	= 6.00
	BTU/LB	= 6,297.00
	% CHLORIDE	= 63.00
	% SULFATE	< 1.00
	VISCOSITY	= 13.00
	FLASH POINT F	> 140.00
	PCB*	< 10.00
	COMPATIBILITY = YES	

A handwritten signature in dark ink, appearing to read "S. A. Peden", is written over a horizontal line.

S. A. PEDEN
TECHNICAL MANAGER

(Check Here) ☐

B. California List Wastes

This shipment, as referenced by the above manifest number, contains waste(s) corresponding to USEPA Hazardous Waste Code(s) _____

The above referenced waste(s) must be treated to meet the treatment standards set forth in 40 CFR 268 Subpart D, or where specific treatment standards are not applicable, the waste must be treated in accordance with the requirements specified in 40 CFR 268.32 and RCRA Section 3004(d).

CALIFORNIA LIST CONSTITUENTS AND THEIR PROHIBITION LEVELS

CONSTITUENT	CONCENTRATION (MG/L)
Cyanides	1,000
Arsenic	500
Cadmium	100
Chromium VI	500
Lead	500
Mercury	20
Nickel	134
Selenium	100
Thallium	130
Liquids with pH $\leq$ 2.0	—
Hazardous Waste Liquids with PCBs	50 ppm
Wastes containing HOCs*	1,000 mg/kg

* Halogenated Organic Carbon (See 40 CFR Appendix III).

☐ —If indicated by "X," any or all of the above specified waste codes are referenced to certification statement Section VI.
"X" here,
if applicable

SECTION III

OTHER RESTRICTED WASTES

Restricted Waste(s) contained in this shipment and referenced by the above manifest no. are listed below and are subject to the treatment standards set forth in 268.41, 268.42, and/or 268.43.

For each waste code, list the following information: Subcategory, if applicable; Treatability Group (NWW or WW); 5-letter treatment code for specified technology in 268.42, if applicable (INCIN, DEACT, STABL) or CFR Section and Paragraph for Concentration based standards, if applicable (268.41(a) and/or 268.43(a)).

USEPA Hazardous Waste Code(s)	Subcategory If Applicable	Treatability Group	Treatment Technology (5-letter treatment Code 268.42(a))	or CFR Section and Paragraph (268.41(a) and/or 268.43(a))	Waste Codes Indicate By "X" are Reference to Certification Statement Section V
F024	--	NWW	--	268.41(A)	--
D001	Ignitable Liquid	NWW	INCIN	--	--
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

SECTION IV**LAB PACK CERTIFICATION**

In accordance with 40 CFR 268.7(a)(7) and (8) and regarding those lab pack wastes corresponding to USEPA Hazardous Waste Code(s) _____

identified as restricted wastes contained in this shipment and referenced by the above manifest no., I submit the following certification statement(s) where applicable:

**Appendix IV Lab Pack Wastes
(Organometallic)**

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in Appendix IV to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Signature _____

Title _____ Date _____

**Appendix V Lab Pack Wastes
(Organic)**

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic wastes specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Signature _____

Title _____ Date _____

Lab Pack Wastes with hazardous waste codes not specified by EPA in Appendix IV or V are referenced in Section III of this form.

SECTION V

**RESTRICTED WASTE SUBJECT TO AN EXTENSION IN THE EFFECTIVE DATE
(40 CFR 268 Appendix VII & VIII)**

The wastes contained in this shipment as referenced by the above manifest no. which are subject to an Extension in the Effective Date in accordance with 40 CFR Subpart C are identified below:

USEPA Hazardous Waste Code/
Treatability Group (NWW or WW)

Extension Date

(These wastes may be subject to the California List Prohibitions)

SECTION VI

**CERTIFICATION OF RESTRICTED WASTE WHICH MAY BE LAND DISPOSED
WITHOUT FURTHER TREATMENT**

In accordance with 268.7(a)(2) and regarding those restricted waste(s) contained in this shipment, these waste(s) may be land disposed without further treatment. I submit the following certification statement:

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

Signature _____ Title _____ Date _____

(This certification is referenced to the appropriate USEPA Hazardous Code(s) in the foregoing appropriate Sections II or III).

Waste analysis is attached where available, otherwise, the information contained herein is based upon my thorough knowledge of the waste(s).

I hereby certify that all information submitted in this document is complete and accurate to the best of my knowledge and information.

Signature Herald E. Perry Title Env. Control Spec Date 1/08/91

GKH 7/90



SL 021456

WASTE ANALYSIS REPORT
Environmental Laboratory
PPG Industries, Inc., Lake Charles, La.

Sample: WTU Separator Indeterminat Phase (WTS-002).
 Location of Sample: North Classifier liquid phase.
 Sample Collector: W. Cooper - G. Prejean
 Sample Method/Device: Random grab - dipper
 Date/Time of Sampling : 9-18-90 9:00 am
 Date All Analyses Completed: 10-17-90 Report Submitted By: Gary Prejean
 Date: 10-30-90

ANALYSIS RESULTS

Lab Log Sample No 1403

Test Parameters		Standard				
Ignitability	(✓) N/A	140°F				
Corrosivity	pH	2-12.5				
	(✓) N/A inch/yr	0.250 max				
Reactivity						
	(✓) N/A					
TCLP Toxicity (mg/L)	As	5.0 max	ND			
	Ba	100.0 max	5.7			
	Cd	1.0 max	ND			
	Cr	5.0 max	ND			
	Pb	5.0 max	0.08			
	Hg	0.2 max	0.009			
	Se	1.0 max	ND			
	Ag	5.0 max	ND			
(✓) N/A						

CHLORINATED HYDROCARBONS (%)				
Other Parameters (if needed) (✓) N/A ND/none detected	Chloroethene	(VC)	PCBs	ppm
	Chloroethane	(EC)		
	Dichloromethane	(MeCl ₂)	Heat	
	1,1-Dichloroethene	(VDC)	Value	BTU/lb
	1,1-Dichloroethane	(DCE)		
	1,2-Dichloroethene	(cis/trans)	Chlorine	%
	Trichloromethane	(CHCl ₃)		
	1,2-Dichloroethane	(EDC)	Water	wt%
	1,1,1-Trichloroethane	(MC)		
	Tetrachloromethane	(CCl ₄)	Density	g/ml
	Trichloroethene	(Trichlor)		
	1,1,2-Trichloroethane	(TCE)	Ash	wt%
	Tetrachlorethene	(Perchlor)		
	1,1,1,2-Tetrachloroethane	(unsym)	Sodium	wt%
	1,1,2,2-Tetrachloroethane	(sym)		
	Pentachloroethane	(Penta)		
	para-Dichlorobenzene	(p-DCB)		
	Hexachloroethane	(HEXA)		
	Hexachlorobutadiene	(HCB ₂ D)		
Unknown ClHC			SL 021457	
Total ClHC		(%)		

From: American Laboratories and
Research Services, Inc.
P.O. Box 15609
Hattiesburg, MS 39402-5609
601-264-9320

Date: October 19, 1990

To: Mr. William H. Cooper
PPG Industries
Chemicals Division
P.O. Box 1000
Lake Charles, LA 70602

The following analytical results have been obtained for the
indicated sample which was submitted to this laboratory:

Sample I.D. AA04933

Sample location: PPGHC

Lab log 1403-WTU Sep.Ind.Phase

Collected by: COOPER

Collection date: 09/18/90 Time: 9:00

Laboratory submittal date: 09/20/90 Time: 19:00

Received by: RLH

Validated by: RLH

Parameter: TCLP Extraction
Method reference: SW846-1311
Result: done

Date started: 09/26/90

Date finished: 09/27/90

Time started: 16:50

Analyst: MJF

Parameter: TCLP Metals
Method reference: SW846 3rd Ed
Result: see appended report
Date started: 10/09/90
Time started: 16:00

Date finished: 10/15/90

Analyst: MJF

Parameter: TCLP Volatile Organics
Method reference: EPA 624
Result: see appended report
Date started: 10/02/90
Time started: 01:25

Date finished: 10/02/90

Analyst: BB

SL 021458

Mr. William H. Cooper
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Sample I.D. AA04953 (continued)

Parameter: TCLP Semi-Volatiles
Method reference: EPA 625
Result: see appended report
Date started: 10/01/90
Time started: 12:17

Date finished: 10/01/90
Analyst: BB

Parameter: Priority Pollutant Metals
Method reference: SW846 3rd.ed
Result: see appended report
Date started: 10/13/90
Time started: 18:00

Date finished: 10/17/90
Analyst: MJF

Data for TCLP Semi-Volatiles ug/L

Component Name	Concentration	Component MDL
1,4-Dichlorobenzene	97	10
Hexachloroethane	40	10
Nitrobenzene	Not Det	10
Hexachlorobutadiene	19	10
2,4-Dinitrotoluene	Not Det	10
Hexachlorobenzene	Not Det	10
Cresols, total	Not Det	20
2,4,6-Trichlorophenol	Not Det	10
2,4,5-Trichlorophenol	Not Det	50
Pentachlorophenol	Not Det	50

Data for TCLP Volatile Organics ug/L

Component Name	Concentration	Component MDL
Benzene	400	10
Carbon Tetrachloride	3500	10
Chlorobenzene	560	10
Chloroform	44000	10
1,2-Dichloroethane	270000	10
1,1-Dichloroethene	3300	10
Methyl Ethyl Ketone	Not Det	10
Tetrachloroethene	18000	10
Trichloroethene	39000	10
Vinyl Chloride	600	10
Pyridine	Not Det	500

Mr. William H. Cooper

Sample I.D. AA04953 (continued)

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Data for TCLP Metals mg/L

Component Name	Concentration	Component MDL
Arsenic, TCLP	Not Det	.005
Barium, TCLP	5.7	.1
Cadmium, TCLP	Not Det	.01
Chromium, TCLP	Not Det	.03
Lead, TCLP	.08	.04
Mercury, TCLP	.009	.005
Selenium, TCLP	Not Det	.005
Silver, TCLP	Not Det	.03

Data for Priority Pollutant Metals mg/L

Component Name	Concentration	Component MDL
Antimony	Not Det	30
Arsenic	Not Det	.1
Beryllium	Not Det	30
Cadmium	Not Det	1
Chromium	132	2
Copper	422	5
Lead	24	8
Mercury	Not Det	.1
Nickel	82	2
Selenium	Not Det	.1
Silver	Not Det	5
Thallium	Not Det	20
Zinc	98	5
Iron	56000.00	.05
Cobalt	6.00	.05

Comments:

Reference Lab Report No. R1494.