



WASTE MATERIAL DATA SHEET

No. 114941

GENERAL INFORMATION

CUSTOMER INFO

Invoice Address ☐ Cert Address ☒ N/A ☐
Contact William H. Cooper
Customer Name PPG Industries, Inc.
Address P O Box 1000
City Lake Charles
State LA Zip 70602
Phone # 318-491-4250
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 LA Zip 70602
Phone # 318-491-4526
USEPA ID # LAD008086506

Generator Name (if different)

WASTE DESCRIPTION

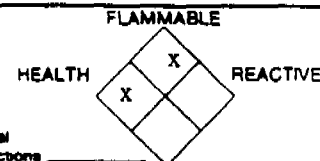
NAME OF WASTE Sludge Kettle Bottoms <50 ppm PCBsPROCESS GENERATING WASTE Production of Chlorinated Hydrocarbons Waste

GENERAL CHARACTERISTICS (at 70° F unless otherwise specified)

COLOR Black ☐ LIQUID 10-50% FREE PHASES
ODOR Pungent ☐ SOLID ☒ SINGLE LAYER
☐ NONE ☒ STRONG ☐ SLUDGE ☐ DOUBLE LAYER
☐ MILD ☐ POWDER ☐ MULTI-LAYER

NFPA HAZARD CODE

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



SPECIAL HANDLING INSTRUCTIONS

If special handling techniques are required, specify:

MSDS-LC5C

Is a representative sample provided?

Yes ☐ No ☒Sample Purchase Order No.

RCRA INFORMATION

Is this a USEPA hazardous waste? ☒

Please give USEPA hazardous waste codes:

F024 D001 D039 D040D033

Describe nature of reactivity if D003 waste:

SHIPPING INFORMATION

DOT hazardous material ☒PROPER SHIPPING NAME Waste flammable liquid, n.o.s.HAZARD CLASS Flammable liquid UN1993 R/Q 1 1bANTICIPATED VOLUME GAL YDS. 20000 LBS. DRUM(S), BULK ☒ RAIL ☒☐ ONE TIME ☐ WK ☐ MO ☒ YR ☐ OTHER Type and size of container: DOT 21-C 55 gal. drumsWT PER CONTAINER: Approx. 600 poundsWT PER GALLON: Approx. 12-13 pounds

1 SPECIFIC GRAVITY

☐ <0.8 ☐ 1.4-1.7
☐ 0.8-1.0 ☐ >1.7
☐ 1.0-1.2 ☐ 1.365
☐ 1.2-1.4 ☐ actual

2 VISCOSITY

(centipoise)

☐ 1-100 ☒ UNK
☐ 100-1000 ☐ actual
☐ 1000-10,000
☐ > 10,000

3 ASH (%WT)

☐ <0.1
☒ 0.1-1.0
☐ 1.0-5.0
☐ 5.0-20 ☐ 0.16
☐ >20 ☐ actual

4 TOTAL SUSPENDED

SOLIDS (%WT)

☐ <0.5 ☐ >20
☐ 0.5-2.0 ☐ 12
☐ 2.0-5.0 ☐ actual
☒ 5.0-20

5 pH

☐ <2 ☐ >12.5
☐ 2-6 ☐ 12
☐ 6-8 ☐ actual
☐ 8-10 ☐ 10-12.5
☐ constant

6 BTU's 1000/lbs.

☐ <1 ☐ 12-16
☐ 1-4 ☐ >16
☒ 4-8 ☐ 5.3
☐ 8-12 ☐ actual

7 FLASH P INT (closed cup)

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

8 SULFUR (%WT)

☐ <0.5 ☐ >5
☐ 0.5-2.0 ☒ UNK
☐ 2-5 ☐ actual

9 HALOGENS (%)

Chlorine 10-50 Fluorine <1
Bromine <1 Iodine

10 HAZARDOUS CHARACTERISTICS AND OTHER COMPONENTS

Reactivity: ☐ None ☐ Explosive ☐ Pyrophoric ☐ Shock Sensitive
☐ Water Reactive ☐ Etiological ☐ Radioactive ☐ Acutely Hazardous Waste
Cyanides FF (ppm) PCB's <50 (ppm) Pesticides
Sulfides FF (ppm) Phenolics (ppm)

11 CHEMICAL COMPOSITION (MUST TOTAL 100%)

1,2-Dichloroethane 1-2 Water 25-35 %
Trichloroethene 15-25 %
Tetrachloroethene 18-30 %
1,1,2,2-Tetrachloroethane 1-2 %
Hexachloroethane 1-2 %
Hexachlorobutadiene 1-5 %
Dichlorobenzene 1.05-1 %
Unknowns 2-4 %
1,1,2 Trichloroethane 5-10 %

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

Arsenic (As) 0.15 ppm
Barium (Ba) 228 ppm
Cadmium (Cd) 0.97 ppm
Chromium (Cr) 24.3 ppm
Mercury (Hg) 0.37 ppm
Lead (Pb) <2.43 ppm
Chromium-Hex (Cr+6)
Selenium (Se) 0.24 ppm
Silver (Ag) 1.71 ppm
Copper (Cu) 335 ppm
Nickel (Ni) 58.7 ppm
Zinc (Zn) 54 ppm
Thallium (Ti)
Other (Specify) Be <0.49 ppm

SL 021419

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

David L. Perry

Env. Control Spec.

11/19/90

PC / WSE

ENSICO USE ONLY

RECERTIFICATION DATE

BR

501-863-7173



American Oil Road
P.O. Box 1057
Fort Dodge, Arkansas 71731-1957

JANUARY 17, 1991

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

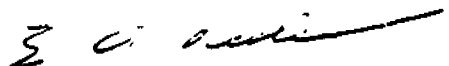
PO # -----

DATE RECEIVED-- 12/03/90

LA 10602

SAMPLE: N/S: PCB

SAMPLE #	TESTS	RESULTS
LS 00114941	BTU/LB	= 3,652.00
	% CHLORIDE	= 18.00
	% SULFATE	< 1.00
	FLASH POINT F	> 140.00
	PCB*	< 10.00


E. A. PEDEN
TECHNICAL MANAGER



WASTE MATERIAL DATA SHEET

No. 114941

A GENERAL INFORMATION

CUSTOMER INFO

Invoice Address ☐ Cert Address ☒ N/A ☐

Contact William H. Cooper
Customer Name PPG Industries, Inc.
Address P O Box 1000
City Lake Charles
State LA Zip 70602
Phone # 318-491-4250
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 LA Zip 70602
Phone # 318-491-4526
USEPA ID # LAD008086506

Generator Name (if different) _____

B WASTE DESCRIPTION

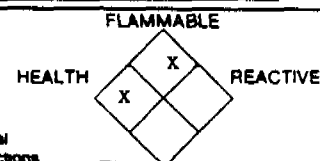
NAME OF WASTE Sludge Kettle Bottoms <50 ppm PCBsPROCESS GENERATING WASTE Production of Chlorinated Hydrocarbons Waste

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

COLOR Black ☐ LIQUID 10-50% FREE PHASES _____
ODOR Pungent ☐ 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.



E SPECIAL HANDLING INSTRUCTIONS

If special handling techniques are required, specify: MSDS-LC5CIs a representative sample provided? Yes ☐ No ☒ Sample Purchase Order No. _____

F RCRA INFORMATION

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

F024 D001 D039 D040D033

Describe nature of reactivity if D003 waste: _____

G SHIPPING INFORMATION

DOT hazardous material ☒ *PROPER SHIPPING NAME Waste flammable liquid, n.o.s.,HAZARD CLASS Flammable liquid UN1993 R/Q 1 lbANTICIPATED VOLUME _____ GAL. _____ YDS. 20000 LBS._____ DRUM(S), BULK ☒ RAIL ☒☐ ONE TIME ☐ WK ☐ MO ☒ YR ☐ OTHER _____Type and size of container: DOT 21-C 55 gal. drumsWT PER CONTAINER: Approx. 600 poundsWT PER GALLON: Approx. 12-13 pounds

H 1 SPECIFIC GRAVITY

☐ <0.8 ☐ 1.4-1.7
☐ 0.8-1.0 ☐ >1.7
☐ 1.0-1.2 ☐ 1.365
☐ 1.2-1.4 ☐ actual

2 VISCOSITY

(centipoise)

☐ 1-100 ☒ UNK
☐ 100-1000 ☐ actual
☐ 1000-10,000
☐ >10,000

3 ASH (%WT)

☐ <0.1
☒ 0.1-1.0
☐ 1.0-5.0
☐ 5.0-20 ☐ 0.16
☐ >20 ☐ actual

4 TOTAL SUSPENDED

SOLIDS (%WT)

☐ <0.5 ☐ >20
☐ 0.5-2.0 ☐ 12
☐ 2.0-5.0 ☐ actual
☒ 5.0-20

5 pH

☐ <2 ☐ >12.5
☐ 2-6 ☐ 12
☐ 6-8 ☐ actual
☐ 8-10
☐ 10-12.5 constituent

6 BTU's 1000/lbs.

☐ <1 ☐ 12-16
☐ 1-4 ☐ >16
☒ 4-8 ☐ 5.3
☐ 8-12 ☐ actual

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 ☒ UNK
☐ 2-5 ☐ actual

9 HALOGENS (%)

Chlorine 10-50 Fluorine <1
Bromine <1 Iodine _____

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

Arsenic (As) 0.15 ppm
Barium (Ba) 228 ppm
Cadmium (Cd) 0.97 ppm
Chromium (Cr) 24.3 ppm
Mercury (Hg) 0.37 ppm
Lead (Pb) <2.43 ppm
Chromium-Hex (Cr+6) _____
Selenium (Se) 0.24 ppm
Silver (Ag) 1.71 ppm
Copper (Cu) 335 ppm
Nickel (Ni) 58.7 ppm
Zinc (Zn) 54 ppm
Thallium (Tl) _____
Other (Specify) Be <0.49 ppm

11 HAZARDOUS CHARACTERISTICS AND OTHER COMPONENTS

Reactivity: ☐ None ☐ Explosive ☐ Pyrophoric ☐ Shock Sensitive
☐ Water Reactive ☐ Etiological ☐ Radioactive ☐ Acutely Hazardous Waste
Cyanides FF (ppm) PCB's <50 (ppm) Pesticides _____
Sulfides FF (ppm) Phenolics _____ (ppm)

I CHEMICAL COMPOSITION (MUST TOTAL 100%)

1,2-Dichloroethane 1.1-2.0 % Water 25+35 %
Trichloroethene 15-25 %
Tetrachloroethene 18-30 %
1,1,2,2-Tetrachloroethane 1.1-2 %
Hexachloroethane 1.1-2 %
Hexachlorobutadiene 1.5-1 %
Dichlorobenzene 1.05-1 %
Unknowns 2-4 %
1,1,2 Trichloroethane 5-10 %

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

David L. Perry
AUTHORIZED SIGNATURE

Env. Control Spec.

TITLE

11/19/90

DATE

PC / WSE

ENSCO USE ONLY

RECERTIFICATION DATE

SL 021421

BR