



PPG Industries, Inc. Chemicals P.O. Box 1000 Lake Charles, Louisiana 70602

March 26, 1992

ATTN: Mr. Jay Breaux
Technical Representative
ENSCO
3112 Valley Creek Drive, Ste. C
Baton Rouge, LA 70808

Re: Modification of Profile WMDS-199511

Dear Mr. Breaux:

On March 18, 1992 a sample was sent and a request made to Mr. Ed Peden at the ENSCO laboratory in to approve Profile WMDS-199511 for disposal at the incinerator in El Dorado, AR. There are some modification that need to be made regarding the Waste Material Data Sheet that was provided with the approval request.

1. As noted on the profile, the amount of water contained in this waste will vary and the range is expected to be 10-40% of the total waste in each shipment. PPG plans to minimize this quantity for obvious reasons, but complete removal is not economically/technically feasible.
2. As a result of (1) above, the BTU value of the waste will vary from truck load to truck load dependent in large part upon the amount of water (i.e. the greater the quantity of water the lower the BTU value. Based on this change in the original information provided, this BTU value is expected to be < 8,000 most all of the time. No BTU value analysis was run on the representative sample sent to ENSCO laboratory.
3. As a result of (1) above, the pH of the waste when it arrive at the ENSCO facility for disposal is also subject to change due in part to the quantity of water. It should be noted that PPG will make every effort to ensure that the pH of the waste is > 2.0, but the chlorinated hydrocarbons involved inherently generate HCl as part of their reaction with water. It is understood by PPG that if the pH of the wast is 2.0 pH or below when it is tested at your facility prior to incineration, that it will have to be incinerated as a "direct-burn" from the truck. It is also understood by PPG that a "direct-burn" will be done at additional cost.

SL 021490



WASTE MATERIAL DATA SHEET

No. 199511

Regional Office

A GENERAL INFORMATION

ENSICO CLIENT

Invoice Address ☐ Cert Address ☒ N/A ☐

SHIPPING FACILITY

Invoice Address ☒ Cert Address ☐ N/A ☐Contact W. H. CooperContact Ginger BusbyCustomer Name PPG Industries, Inc.Facility Name PPG Industries, Inc.Address P O Box 1000Address P O Box 1000City Lake CharlesCity Lake CharlesState LA Zip 70602State LA Zip 70602Phone # 318 491 4250Phone # 318 491 4521USEPA ID# LAD008086506USEPA ID# LAD008086506

B WASTE DESCRIPTION

Is a representative sample provided? Yes ☐ No ☐NAME OF WASTE Sludge from organic storage tank

Sample Purchase order No. _____

PROCESS GENERATING WASTE Production of chlorinated hydrocarbon

Sample will not be processed without P.O. Number.

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

COLOR Gray-black ☒ LIQUID 60-90 % PHASES
ODOR _____ ☐ SOLID _____ % ☒ SINGLE LAYER
☐ NONE ☒ STRONG ☒ SLUDGE 20-40 % ☐ DOUBLE LAYER
☐ MILD ☐ POWDER _____ % ☐ MULTI-LAYER

D NFPA HAZARD CODE

FLAMMABLE

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

HEALTH

2 3 0 REACTIVE

E SPECIAL HANDLING INSTRUCTIONS If special handling techniques are required, specify: Wear proper breathing apparatus clothing and gloves required by OSHA for handling the components in I below.

F RCRA INFORMATION

Is this a USEPA hazardous waste? ☒
Please give USEPA hazardous waste codes:
Do not include state waste codes in this section.

D028 D034 D032 D019D040 D039 D001

Describe nature of reactivity if D003 waste: _____

G SHIPPING INFORMATION

DOT hazardous material ☒PROPER SHIPPING NAME Waste Flammable liquid, n.o.s., Flammable liquid UN1993, RQ (contains ethylene dichloride)HAZARD CLASS Flammable ID# UN1993 R/Q 100 lbsANTICIPATED SHIPPING VOLUME 40,000 YDS. _____ LBS._____ DRUM(S), BULK ☒ TANK TRUCK _____ RAIL _____☒ ONE TIME ☐ WK ☐ MO ☐ YR OTHER _____

Type and size of container: _____

WT PER CONTAINER: _____ WT PER GALLON: 12 lbs

H 1 SPECIFIC GRAVITY

2 VISCOSITY

3 ASH (%WT)

4 TOTAL SUSPENDED SOLIDS (%WT)

5 pH

6 BTU's 1000/lb.

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

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

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

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

☐ <2 ☐ >20
☒ 2-6
☐ 6-8 actual
☐ 8-10
☐ 10-12.5 constituent

☐ <1 ☐ 12-16
☐ 1-4 ☒ >16
☐ 4-6 2.6117 actual
☐ 6-8
☐ 8-12

7 FLASHPOINT (closed cup)

8 SULFUR (%WT)

9 HALOGENS (%)

12 ARE METAL OBJECTS

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

☐ <0.5
☐ 0.5-2.0
☐ 2-5

☒ >5
NA actual

Chlorine 61.36 Fluorine 0
Bromine 1.79 Iodine 0

PRESENT IN THE WASTE?

Y ☐ N ☒

IF YES, DESCRIBE IN SECTION I

11 HAZARDOUS CHARACTERISTICS AND OTHER COMPONENTS

Reactivity: ☒ None ☐ Explosive ☐ Pyrophoric ☐ Shock Sensitive ☐ Fuming/Smoking Waste
☐ Water Reactive ☐ Air Reactive ☐ Radioactive ☐ Biological ☐ Asbestos
Cyanides 0 (ppm) PCB's <1 (ppm) ☐ Acutely Hazardous Waste
Sulfides 0 (ppm) Phenolics 0 (ppm) ☐ Dioxins & Furans

10 METALS TOTAL (PPM) ☐ TCLP (mg/L)

Antimony (Sb) _____
Arsenic (As) _____
Barium (Ba) _____
Beryllium (Be) _____
Cadmium (Cd) _____
Chromium (Cr) _____
Lead (Pb) _____
Mercury (Hg) _____
Selenium (Se) _____
Silver (Ag) _____
Thallium (Th) _____
Other (Specify) NA-70

I CHEMICAL COMPOSITION (If actual percentages are not known use ranges)
Total should be at least 100% (See chemical code attached)

	Actual	Range		Actual	Range
EC	.09 %	.03 - .09 %	Hexa	.29 %	.25 - .35 %
EDC	24.7 %	20 - 25 %	HCB	.31 %	.25 - .35 %
Carbon Tet	.67 %	.5 - .75 %	MC	.07 %	.04 - .10 %
Trichlor	.39 %	.30 - .45 %	CHCl3	.03 %	.01 - .07 %
TCE	9.98 %	9 - 11 %	ECB	.49 %	.4 - .6 %
Chlor	.75 %	.6 - .8 %	Water	.88 %	.8 - 1.0 %
Unsym	1.95 %	1.7 - 2.1 %	Inorganic Cl	.62 %	.5 - .7 %
Sym	.36 %	.25 - .45 %	Unknown Vol.	35.89 %	30 - 40 %
Penta	.74 %	.65 - .85 %	Solids, tars, etc	— %	20 - 30 %
PDCB	.09 %	.05 - .12 %			

All Blanks Must Be Completed
If metal(s) is/are not present, indicate "None"

I HEREBY CERTIFY THAT ALL INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS IS COMPLETE AND ACCURATE, AND THAT ALL KNOWN OR SUSPECTED HAZARDOUS, INCLUDING THE PRESENCE OF METAL, IS A CONSTITUENT OF THE WASTE. HAVE BEEN DISCLOSED

SL 021491

ENSICO USE ONLY

11/20/90 P. 000000 H. C. Co. x Env. Control Spec 03/12/90

CHEMICAL CODES

EC	ETHYL CHLORIDE
EDC	ETHYLENE DICHLORIDE
CARBOT TET	CARBON TETRACHLORIDE
TRICHLOR	TRICHLOROETHYLENE
TCE	1,1,2-TRICHLOROETHANE
PERCHLOR	PERCHLOROETHYLENE
UNSYM	1,1,1,2-TETRACHLOROETHANE
SYM	1,1,2,2-TETRACHLOROETHANE
PENTA	PENTACHLOROETHANE
PDCB	PARA DICHLOROBENZENE
HEXA	HEXACHLOROETHANE
HCBD	HEXACHLORO 1,3-BUTADIENE
MC	1,1,1-TRICHLOROETHANE
CHCl3	CHLOROFORM
ECB	1-ETHYL 2-CHLOROBENZENE