GENERATOR'S WASTE MATERIAL PROFILE SHEET

PLEASE PRINT IN INK OR TYPE (Elite, 12-pitch).

SUBMITTED TO WASTE TECH SERVICES
DATE: January 6, 1992

WTS 014.2
Waste Profile Sheet Code

A. GENERAL INFORMATION

1. Generator Name: PPG Industries, Inc.
2. Generator USEPA ID: LAD 008086506
3. Facility Address: P. O. Box 1000
   Lake Charles, LA
   (Columbia Southern Road)
4. Generator State ID: Same
5. Zip Code: 70602
6. Technical Contact: G. L. Perry
7. Title: Sr. Env.Control Spec
8. Phone: (318) 491 - 4

B. MAIL WASTE TECH SERVICES

INVOICES TO 1. ☒ Generating Facility (A, above), or
2. Company Name:
3. Phone: ( ) -
4. Address:
5. Zip Code:

C.

1. NAME OF WASTE: Heat Transfer Media
2. PROCESS GENERATING WASTE: Derivatives and Pels Unit
3. Is this waste a Dioxin listed waste as defined in 40 CFR 261.31 (e.g., F020, F021, F022, F023, F026, F027, or F028)?
   ☐ Yes ☒ No If yes, DO NOT COMPLETE this form.

D. PHYSICAL CHARACTERISTICS OF WASTE

1. Color:	2. Does the waste have a strong incidental odor?	3. Physical State @ 70°F:	4. Layers:	5. Specific Gravity:	6. Free Liquids
Yellow to black	☐ No ☒ Yes If known, describe: Pungent	☐ Solid ☐ Semi-Solid ☒ Liquid ☐ Powder Other:	☐ Multilayered ☐ Bi-layered ☒ Single Phased	Range: 0.9 - 1.0	☒ Yes ☐ Volume: 100

7. pH: ☐ ≤ 2 ☐ > 2-4 ☐ 4-7 ☐ 7 ☐ 7-10 ☐ 10- < 12.5 ☐ ≥ 12.5 ☐ Range -

8. Liquid Flash Point: ☐ < 73°F ☐ 73-99°F ☐ 100-139°F ☐ 140-199°F ☒ ≥ 200°F ☐ None ☐ Closed Cup ☐ Ope

E. CHEMICAL COMPOSITION

1.

	RANGE MIN. - MAX.	
Synthetic hydrocarbon	10 - 30	%
Diphenyl Oxide	5 - 25	%
Diphenyl	5 - 15	%
Ethylbiphenyl	35 - 50	%
Methylbiphenyl	5 - 10	%
1,2 dichloroethane	0.01 - 0.10	%
Benzene	0.001 - 0.01	%
	-	%
	-	%
	-	%
	-	%
	-	%

Please note: The chemical composition total in the maximum column must be greater than or equal to 100%. TOTAL: 130 %

2. Indicate if this waste contains any of the following:

	NONE	or	LESS THAN	or	ACTUAL
PCB's	☐	☒	< 50 ppm		ppm
Cyanides	☒	☐	< 50 ppm		ppm
Phenolics	☒	☐	< 50 ppm		

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F. METALS Indicate if this waste contains the following:

1. ☐ EP TOX/TCLP or 2. ☒ Total

METAL	LESS THAN	or	AC (Parts Per Million)
Arsenic	☒ < 5	☐ < 500	
Barium	☐ < 100		
Cadmium	☐ < 1	☐ < 100	
Chromium	☒ < 5		
Lead	☒ < 5	☐ < 500	
Mercury	☒ < 0.2	☐ < 20	
Selenium	☒ < 1	☐ < 100	
Silver	☒ < 5		
Chromium-Hex	☒ < 5	☐ < 500	
Copper	☒ < 5	-	
Nickel	☒ < 5	☐ < 134	
Thallium	☒ < 5	☐ < 130	
Zinc	☒ < 5		
	☐ <		
	☐ <		

GENERATOR'S WASTE MATERIAL PROFILE SHEET (Continued)

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G. OTHER HAZARDOUS CHARACTERISTICS

1. Is this waste a listed solvent waste as defined by 40 CFR 261.31 (F001, F002, F003, F004, or F005)? ☐ Yes ☒ No
2. Does this waste contain greater than 1000 ppm total halogenated organic compounds? ☐ Yes ☒ No
3. Indicate if this waste is any of the following:

☐ RCRA Reactive	☐ Radioactive
☐ Water Reactive	☐ Etiological
☐ Explosive	☐ Pesticide Manufacturing Waste
☐ Shock Sensitive	☐ Other _____
☐ Pyrophoric	☒ None of the above

H. COMPLETE ONLY FOR WASTES INTENDED FOR FUELS or INCINERATION

	LESS THAN	or	ACTUAL
Beryllium	☒ < 5000 ppm		_____ ppm
Potassium	☒ < 5000 ppm		_____ ppm
Sodium	☒ < 5000 ppm		_____ ppm
Total Bromine	☒ < 2 %		_____ %
Total Chlorine	☒ < 35 %		_____ %
Total Fluorine	☒ < 1 %		_____ %
Total Sulfur			_____ %

I. OPTIONAL — RECLAMATION, FUELS, OR INCINERATION PARAMETERS Provide if information is available.

Range

1. Heat Value (BTU/lb): 15,000 - 20,000 2. Water: < 1
3. Viscosity (cps): _____ @ ☐ _____ °F ☐ 100°F ☐ 150
4. Ash: < 10 % 5. Settleable solids: < 10
6. Vapor Pressure @ STP (mm/Hg): _____
7. Is this waste a pumpable liquid? ☒ Yes ☐ No
   Type of pump? _____
8. Can this waste be heated to improve flow? ☒ Yes ☐ No
9. Is this waste soluble in water? ☐ Yes ☒ N
10. Particle size: Will the solid portion of this waste pass through a 1/8 inch screen? ☒ Yes ☐ No

J. TRANSPORTATION INFORMATION

1. Is this a DOT Hazardous Material? ☒ Yes ☐ No 2. Anticipated Annual Volume/Units: 25,000 gal / year
3. Proper Shipping Name: Hazardous waste, liquid, n.o.s.
4. Hazard Class: ORM-E 5. I.D. #: NA9189
6. Additional Description: (contains etnylene dichloride, benzene
7. Method of Shipment: ☒ Bulk Liquid ☐ Bulk Solid ☐ Drum (Type/Size): _____ / _____ Other: _____
8. CERCLA Reportable Quantity (RQ): N/A 9. RQ Units (lb/kg): N/A
10. USEPA Hazardous Waste? ☒ Yes ☐ No 11. USEPA Hazardous Waste Number(s): D018, D028
12. State Hazardous Waste? ☒ Yes ☐ No 13. State Hazardous Waste Number(s): D018, D028

K. SPECIAL HANDLING INFORMATION

Use personal protective equipment (goggles, glasses, protective suits, etc.) when handling. Odoriferous

☐ Additional Page(s) Attac

L. GENERATOR CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true accurate descriptions of this waste material, and all relevant information regarding known or suspected hazards in the possessic the generator has been disclosed.

1. Gerald L. Perry
   Signature
2. Sr. Env. Control Spec.
   Title
3. Gerald L. Perry SL 021626
   Name (Type or Print)
4. January 6, 1992
   Date

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

Sample: Solids cleaned out of storm sewer drain @ TEII

Location of Sample: Drums (7) dated 1/23/91 @ TEII

Sample Collector: G. Prejean

Sample Method/Device: Random grab-Dipper

Date/Time of Sampling : 1/25/91 @ 1:40PM

Date All Analyses Completed: 1/29/91 Report Submitted By: Ellen Langley
Date: 2/5/91

ANALYSIS RESULTS

Test Parameters		Standard	Lab Log Sample No 1517				
Ignitability ( ) N/A		140°F					
Corrosivity	pH	2-12.5					
( ) N/A	inch/yr	0.250 max					
Reactivity ( ) N/A							
TCLP Extraction (mg/L) ( ) N/A	As	5.0 max					
	Ba	100.0 max					
	Cd	1.0 max					
	Cr	5.0 max					
	Pb	5.0 max					
	Hg	0.2 max					
	Se	1.0 max					
	Ag	5.0 max					

Other Parameters (if needed) ( ) N/A	VOLATILES	(ppm)			
	Chloroethene	(VC)		PCBs	ppm
	Chloroethane	(EC)			
	Dichlormethane	(MeCl2)	0.03	Heat	
	1,1-Dichloroethene	(VDC)	9.48	Value	BTU/lb
	1,1-Dichloroethane	(DCE)			
	1,2-Dichloroethene	(cis/trans)	1.00	Chlorine	%
	Trichloromethane	(CHCl3)	10.91		
	1,2-Dichloroethane	(EDC)	33.54	Water	wt%
	1,1,1-Trichloroethane	(MC)			
	Tetrachloromethane	(CCl4)	171.01	Density	g/ml
	Trichloroethene	(Trichlor)	9.31		
	1,1,2-Trichloroethane	(TCE)	9.06	Asn	wt%
	Tetrachloroethane	(Perchlor)	100.69		
	1,1,1,2-Tetrachloroethane	(unsym)		Sodium	wt%
	1,1,2,2-Tetrachloroethane	(sym)			
ND/none ected	Pentachloroethane	(Penta)			
	para-Dichlorobenzene	(p-DCB)			
	Hexachloroethane	(Hexa)			
	Hexachlorobutadiene	(HCBD)			
	Unknown Volatiles				
				SL 021627	
	Total Volatiles	(ppm)	345.03		

Disposal Method: Landfill

TEST PROCEDURE — LAB LOG NO. 1517

PARAMETER	METHOD USED		
Ignitability N/A	___Pensky-Martens Closed Cup Tester ASTM Standard D-93-79	___Setaflash Closed Cup Tester ASTM Standard D-3278-78	___Other (Specify)
Corrosivity (pH) N/A	___SW-846 Method 9040 pH measurement		___Other (Specify)
Corrosivity (inch/yr) N/A	___National Association of Corrosion Engineers Standard TM-01-69		___Other (Specify)
Reactivity N/A (one affirmative answer will classify waste reactive)	1. Normally unstable without detonating? 2. Reacts violently with water? 3. Forms potentially explosive mixture with water? 4. Cyanide or sulfide bearing waste which can generate toxic gases, vapor or fumes under pH conditions between 2 and 12.5? 5. Capable of detonation or explosive reaction if subjected to strong initiating source or if heated under confinement? 6. Readily capable of detonation or explosive decomposition or reaction at standard temperature and pressure? 7. Forbidden Class A, or Class B explosive as defined in 49CFR 173.51, 173.53, and/or 173.88?		

TCLP*
N/A

Parameter	SW 846 Method	Parameter	SW 846 Method	Parameter	SW 846 Method
As	6010	Ag	6010	PCB	LD-2571
Ba	6010	ClHC	5030	ClHC	LD-2562A
Cd	6010	Sodium	3050,6010	Heat Value	LD-2562B
Cr	6010	pH	9045	Chlorine	LD-2562D
Pb	6010			Water	LD-2566
Hg	7470			Ash	LD-2561
Se	6010				

*Toxicity Characteristic Leaching Procedure

LABORATORY IDENTIFICATION

Laboratory: PPG Lake Charles	Test Parameters Analyzed and Dat
Analyst(s): G. Prejean	Volatiles 1/29/91

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