

BATON ROUGE, LOUISIANA 70804

Please Print or Type. (Form designed for use on 10/12-pitch typewriter.)

MANIFEST N° 015218

Form Approved. OMB No. 2050-0039. Exp. 9-30-9

EPA Form 1200-22 (Rev. 9-78)

WHITE - DEO GREEN - General. YELLOW - TSDRF. BLUE - Transporter 2. PINK - Transporter 1. GOLD - General

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US V. REP. RELEASEABLE
PRODUCED BY MSP 9/93
BOX 1-5 REQUEST
WALKER, HARRIS, WOOD
MAFRET, RICH

MSDO54

4:30 PM

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U.S. V. MSP
PRODUCED BY MSP 9/93
REQUEST 6
Waste Management
Hazardous Waste
Material, MSDS

MSD054

2305

DEMO52215

8904595

MCOS Document #

MATERIALS CHARACTERIZATION DATA SHEET

DEMO52215
AUG 23 1989

GRD[WED0] 8904595

MSP CODE:

Generator Name: We Do Graphics, Inc.
Facility Address: 950 N. Main St.
City, State, Zip: Orange, CA 92667
Technical Contact: Douglas Co. Mieux
Title: Pro
Telephone NO.: (714) 997-7370 (EXT.)
Facility EPA ID: CA098252Q56

Bill To: Graphic Displays, Inc.
Address: 15207 Marjorie Ave
City, State, Zip: San Jose, CA 95130
Telephone #: (415) 421-8047
Company Contact: William D. Bagaglia
Company Size: 55-60 Staff
EPA Waste No.: None
Generating Process: Printing
Common Name of Waste: Waste Ink
Rate of Generation: 1 x 55 PER 40 Days
Volume in Storage: 1 x 55 IN 55 Gall Chel
Is Waste DOT Hazardous: 1 x YES 1 x NO
Proper DOT Shipping Name: Waste Solids, Nos.
Hazard Class: PA-918
Transportation Equipment: Truck
Placarding: None

CHEMICAL COMPOSITION (No Trade Name)

(If high, must add up to 100%)

Phenolic Resin (Solid)	7.5	x
Mineral Oil	10.0	x
Linseed Oil	13.0	x
Polychlorinated Wax	8.0	x
Magnesium + cobalt tallowate	1.5	x
Lead	1.0	x
2 x 100% Pb + 100% Bi (Total) 30.0	9.0	x

METALS (EP Toxicity Test, mg/l)

Arsenic (As)	.002	Silver (Ag)	.01
Barium (Ba)	.1	Copper (Cu)	
Cadmium (Cd)	.005	Nickel (Ni)	
Chromium (Cr)	.05	Zinc (Zn)	
Lead (Pb)	.05		
Mercury (Hg)	.0002		
Selenium (Se)	.002		

INORGANICS (mg/l or ppm)

Total CN	N/A	Iodine	N/A
Free CN	N/A	Asbestos	N/A
Sulfide	N/A		
Chloride	N/A		
Bisulfite	N/A		
Sulfite	N/A		
Sulfate	N/A		
Phosphate	N/A		
Fluorine	N/A		
Bromine	N/A		
Chlorine	N/A		

ORGANICS (mg/l or ppm)

Endrin	N/A	Organohalide	N/A
Methoxychlor	N/A	Mercaptans	N/A
Toxaphene	N/A		
2,4-D	N/A		
2,4,5-T	N/A		
Phenolics	N/A		
PCBs	N/A		
Dioxin	N/A		
TOC	N/A		

PHYSICAL DESCRIPTION

Physical State	1 x Liquid	1 x Semi-solid	1 x Solid
Phases/Layering	1 x Uni-Layer	1 x Bilayer	1 x Multilayer
Viscosity	1 x High	1 x Medium	1 x Low
Type of Solids	1 x Organic	1 x Inorganic	1 x Mixed
Total Solids (wt. %)	Suspended Solids (wt. %)		
BTU/lb	1800	% Ash Content	53.8
Flash Point (°F)	200	Type	
Specific Gravity			
Boiling Point (°C)	Freezing Point (°C)		
Vapor Pressure (mm Hg @ 24°C)			
pH (Avg)	10		
Total Alkalinity/Acidity (%)			
Odor	None		
Color	Brown		

HAZARDOUS PROPERTIES

1 x Water Reactive	1 x Reactive	1 x NONE
1 x Shock Sensitive	1 x Pyrophoric	1 x Explosive
1 x Radioactive	1 x Pesticide Residuals	1 x Polymerizable
1 x Corrosive	1 x Toxic Vapor	1 x Ignitable
1 x Biological	1 x Etiological	1 x Pathogen
1 x Other		

REQUIRED PERSONNEL PROTECTIVE EQUIPMENT AND PROCEDURES:

Wear gloves & goggles

PLEASE ATTACH ALL MATERIAL SAFETY DATA SHEETS, LOGISTIC SKETCHES, ANALYSIS REPORTS, HANDLING PRECAUTIONS, ADDITIONAL HAZARD SUPPORT INFORMATION, DATA & COMMENTS.

CERTIFICATION: I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exists, and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all the materials subject to the contract.

DATE: 8/18/89

GENERATOR'S SIGNATURE: Douglas Co. Mieux

MSP FORM 1040 (REV. 11/84)

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DE V. MSP
PRODUCED BY MSP 9/93
RELEASABLE
DO NOT
REQUIRE
WASTE
MANIFEST, MSDS

MSD054

2306

8901395

MCDS Document #

MARINE SHALE PROCESSORS, INC.
MATERIALS CHARACTERIZATION DATA SHEET

DE AUG 23 1989

GRD WED 89 04595

MSP CODE:

Generator Name We Do Graphics, Inc.
Facility Address 950 N. Main St
City, State, Zip Orem UT 84067
Technical Contact Orrin Co Mieux
Title Pres
Telephone NO. (714) 997-7390 EXT:
Facility EPA ID # CA098252056

Bill To: Graphic Disposal, Inc.
Address: 15207 Marguerite Ave
City, State, Zip: San Francisco CA 94610
Telephone #: (415) 821-5897
Company Contact: William D'Angelo
Container Size: 55 Gal Steel
EPA Waste No. W001 (al waste only)
Generating Process Printing
Common Name of Waste Waste Ink
Rate of Generation 1 x 55 PER 40 Days
Volume in Storage 1 x 55 IN 55 Gal Steel
Is Waste DOT Hazardous YES 1 INQ
Proper DOT Shipping Name Waste Solik, Nos.
Hazard Class ORATE ID No. PA-9181
Transportation Equipment Truck
Placarding None

CHEMICAL COMPOSITION (No Trade Name)

(Totals must add up to 100%)

Phenolic Resin	7.5	%
Phenolic Resin (Solid)	10.0	%
Mineral Oil	13.0	%
Lipid Oil	8.0	%
Polyethylene Wax	1.5	%
Magnesium Sulfate	1.0	%
Drum Residue	9.0	%
2.5% Ink on 50.0		

METALS (EP Toxicity Test, mg/l)

Arsenic (As)	.002	Silver (Ag)	.01
Barium (Ba)	.1	Copper (Cu)	
Cadmium (Cd)	.005	Nickel (Ni)	
Chromium (Cr)	.05	Zinc (Zn)	
Lead (Pb)	.05		
Mercury (Hg)	.0002		
Selenium (Se)	.002		

INORGANICS (mg/l or ppm) N/S None Suspected

Total CN	N/S	Iodine	N/S
Free CN	N/S	Asbestos	N/S
Sulfide	N/S		
Chloride	N/S		
Bisulfite	N/S		
Sulfite	N/S		
Sulfate	N/S		
Phosphate	N/S		
Fluorine	N/S		
Bromine	N/S		
Chlorine	N/S		

ORGANICS (mg/l or ppm)

Endrin	N/S	Organohalide	N/S
Methoxychlor	N/S	Mercaptans	N/S
Toxaphene	N/S		
2,4-D	N/S		
2,4,5-T	N/S		
Phenol(s)	N/S		
PCBs	N/S		
Dioxin	N/S		
TOC	N/S		

PHYSICAL DESCRIPTION

Physical State	☐ Liquid	☐ Semi-solid	☒ Solid
Phases/Layering	☐ Uni-Layer	☒ Bilayer	☐ Multilayer
Viscosity	☐ High	☒ Medium	☐ Low
Type of Solids	☐ Organic	☐ Inorganic	☒ Mixed
Total Solids (wt. %)	Suspended Solids (wt. %)		
BTU/lb 1800	% Ash Content	53.8	% Water (by weight)
Flash Point (°F)	280	Type	
Specific Gravity			
Boiling Point, (°C)	Freezing Point, (°C)		
Vapor Pressure (mm Hg @ 24°C)			
pH (Avg) (Range)	10		
Total Alkalinity/Acidity (%)			
Odor	None		
Color	Brown		

HAZARDOUS PROPERTIES

☐ Water Reactive	☐ Reactive	☒ NONE
☐ Shock Sensitive	☐ Pyrophoric	☐ Explosive
☐ Radioactive	☐ Pesticide Residuals	☐ Polymerizable
☐ Corrosive	☐ Toxic Vapor	☐ Ignitable
☐ Biological	☐ Etiological	☐ Pathogen
☐ Other		

REQUIRED PERSONNEL PROTECTIVE EQUIPMENT AND PROCEDURES:

Wear Gloves + Goggles

PLEASE ATTACH ALL MATERIAL SAFETY DATA SHEETS, LOGISTIC SKETCHES, ANALYSIS REPORTS, HANDLING PRECAUTIONS, ADDITIONAL HAZARD SUPPORT INFORMATION, DATA & COMMENTS.

CERTIFICATION: I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exists, and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all the materials subject to the contract.

DATE 8/18/89

GENERATOR'S SIGNATURE Douglas K. R. H.

MSP FORM 1040 (REV. FEB 88)

DE 052216

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MSD 054
PRODUCED BY: MSP 9/93
REQUEST: 1
Waste Disposal
Material, Hazardous

MSD054

23071

8901395

MCDS Document #

MARINE SHALE PROCESSORS, INC.
MATERIALS CHARACTERIZATION DATA SHEET

DEADLINE 1989

GRD WED 0189 04595

MSP CODE:

Generator Name We Do Graphics, Inc
Facility Address 950 N. Main St
City, State, Zip Orem UT 84066
Technical Contact Douglas L. Mireux
Title Pro
Telephone NO. (214) 997-7370 EXT:
Facility EPA ID # CAD 98252056

Bill To: Graphic Disposal, Inc.
Address: 13201 Margaret Ave
City, State, Zip: State Springs CO 80610
Telephone #: (303) 421-5097
Company Contact: William Salas
Container Size: 55 Gal Steel
EPA Waste No. Waste Exempt (not waste only)
Generating Process Printing
Common Name of Waste Waste Ink
Rate of Generation 1 x 55 PER 40 Days
Volume In Storage 1 x 55 IN 55 Gal Steel
Is Waste DOT Hazardous YES 1 INQ
Proper DOT Shipping Name Waste Solids, Nos.
Hazard Class ORCA ID No. PA-9189
Transportation Equipment Truck
Placarding None

CHEMICAL COMPOSITION (No Trade Name)

(Totals must add up to 100%)
Phenolic Resin 7.5 %
Mineral Oil 10.0 %
Lipseed Oil 13.0 %
Polystyrene Wax 8.0 %
Magnesium Sulfate 1.5 %
Drum Pigment 1.0 %
2 x 55 Gal Steel cans with less than 50.0
METALS (EP-Toxicity Test, mg/l) 11.0

Arsenic (As)	.002	Silver (Ag)	.01
Barium (Ba)	.1	Copper (Cu)	
Cadmium (Cd)	.005	Nickel (Ni)	
Chromium (Cr)	.05	Zinc (Zn)	
Lead (Pb)	.05		
Mercury (Hg)	.0002		
Selenium (Se)	.002		

INORGANICS (mg/l or ppm) N/A - None Suspected

Total CN	N/A	Iodine	N/A
Free CN	N/A	Asbestos	N/A
Sulfide	N/A		
Chloride	N/A		
Bisulfite	N/A		
Sulfite	N/A		
Sulfate	N/A		
Phosphate	N/A		
Fluorine	N/A		
Bromine	N/A		
Chlorine	N/A		

ORGANICS (mg/l or ppm)

Endrin	N/A	Organohalide	N/A
Methoxychlor	N/A	Mercaptans	N/A
Toxaphene	N/A		
2,4-D	N/A		
2,4,5-T	N/A		
Phenol(s)	N/A		
PCBs	N/A		
Dioxin	N/A		
TOC	N/A		

PHYSICAL DESCRIPTION

Physical State ☐ Liquid ☐ Semi-solid ☒ Solid
Phases/Layering ☐ Uni-Layer ☒ Bilayer ☐ Multilayer
Viscosity ☐ High ☒ Medium ☐ Low
Type of Solids ☐ Organic ☐ Inorganic ☐ Mixed
Total Solids (wt. %) 1000 % Ash Content 53.8 % Water (by weight) 10
Flash Point (°F) 200 Type None
Specific Gravity 1.0 Freezing Point (°C) 10
Boiling Point (°C) 100
Vapor Pressure (mm Hg @ 24°C) 10
pH (Avg) 10 (Range) 10
Total Alkalinity/Acidity (%) 10
Odor None
Color Brown

HAZARDOUS PROPERTIES

☒ Water Reactive	☐ Reactive	☒ NONE
☐ Shock Sensitive	☐ Pyrophoric	☐ Explosive
☐ Radioactive	☐ Pesticide Residuals	☐ Polymerizable
☐ Corrosive	☐ Toxic Vapor	☐ Ignitable
☐ Biological	☐ Etiological	☐ Pathogen
☐ Other		

REQUIRED PERSONNEL PROTECTIVE EQUIPMENT AND PROCEDURES:

Wear Gloves & Goggles

PLEASE ATTACH ALL MATERIAL SAFETY DATA SHEETS, LOGISTIC SKETCHES, ANALYSIS REPORTS, HANDLING PRECAUTIONS, ADDITIONAL HAZARD SUPPORT INFORMATION, DATA & COMMENTS.

CERTIFICATION: I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exists, and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all the materials subject to the contract.

DATE 8/18/89 GENERATOR'S SIGNATURE Douglas L. Mireux

MSP FORM 1040 (REV. 11/84)

DEQ052216

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 44307
BATON ROUGE, LOUISIANA 70804

RECYCLE / REUSE ✓

MANIFEST NO 015262

Form Approved OMB No. 2050-0038 Exp. 9-30-97

Please print or type. (Form designed for use on alpha (12-plain) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. LA D 9 8 2 5 0 R 1 5 2	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 BREA PRINTING INC. 371 "C" OAK PLACE, BREA, CA 92621		6. USEPA ID Number LA D 9 8 2 5 0 R 1 5 2		A. State Manifest Document Number	
4. Generator's Phone (714) 529-7334		7. Transporter 1 Company Name GRAPHIC DISPOSAL		B. State Generator's ID	
5. Transporter 1 Company Name GRAPHIC DISPOSAL		8. USEPA ID Number		C. State Transporter's ID 014238	
7. Transporter 2 Company Name		9. Designated Facility Name and Site Address MARINE SHALE PROCESSORS, INC. HIGHWAY 90 EAST MORGAN CITY, LOUISIANA 70380		D. Transporter's Phone 213-921-8097	
9. Designated Facility Name and Site Address MARINE SHALE PROCESSORS, INC. HIGHWAY 90 EAST MORGAN CITY, LOUISIANA 70380		10. USEPA ID Number LA D 9 8 1 0 5 7 7 0 6		E. State Transporter's ID	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) HAZARDOUS WASTE, SOLID N.O.S. ORM-E NA-9909		12. Containers No. Type 1 1 DH		13. Total Quantity 1.00 Rk	
14. Waste No. RCRA R EXEMPT		15. Unit G		16. Waste No. RCRA R EXEMPT	
J. Additional Descriptions for Materials Listed Above A) WASTE BANK & CANS GRD/BREA/9000567		K. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information WEAR GLOVES AND GOGGLES					
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 MICHAEL TURSHV		Signature [Signature]		Month Day Year 12 12 97	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature [Signature]		Month Day Year 12 12 97	
Printed/Typed Name MICHAEL LOCKHART		Signature [Signature]		Month Day Year 12 12 97	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month Day Year	
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space		DE0052217			
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.					
Printed/Typed Name GINA BASSETT		Signature [Signature]		Month Day Year 12 12 97	

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PRODUCED BY: MSP REPORT 9/93
WASTE BANK & CANS
MANIFEST NO 015262

MSD054

2308 F



FEB 02 1990

MATERIALS CHARACTERIZATION DATA SHEET

MARINE SHALE PROCESSORS, INC.
110 James Drive West, Suite 120
St. Rose, LA 70087
504-465-3310

For MSP Use Only

Approval Code

GRD/BREA/000567

A. Generator Information

Generator Name BREA PRINTING
Site Address 371 "C" Oak Place
City BREA State CA Zip Code 92621
Generator Contact Michael Murphy
Title Foreman
Telephone No. 714 529-7334
Facility EPA ID No. CAD982508152

B. Customer Information

Company Name GRAPHIC DISPOSAL, INC.
Contact WILLIAM B. BATTAGLIA
Address 15207 MARQUARDT AVENUE
SANTA FE SPRINGS, CA 90670
Telephone No. (213) 921-8097
For Customer Use TRK 3 CANS

C. Regulatory Information

RCRA Regulated ☐ Land Ban ☐ X Non Regulated ☒ EPA Waste Code(s) RCRA EXEMPT

D. Chemical Composition

(NO TRADE NAMES - Ranges must not exceed 20%. Total in maximum column must be greater than or equal to 100%)

	MIN	MAX
ALKYD RESIN	7.5	
PHENOLIC RESIN (SOLID)	10.0	
MINERAL OIL	13.0	
LINSEED OIL	8.0	
POLYETHYLENE WAX	1.5	
MAGNESE & COBALT TALLATE	1.0	
DRY-PIGMENT	9.0	
Common Solvents	50.0	

Common Solvents WASTE INK CANS NO THICKER THAN 17H

E. General Characteristics

Color: BROWN
Odor: ☒ None ☐ Mild ☐ Strong
Liquid ☐ Sludge ☒ Solid ☐ Powder
Phases: ☐ Single Layer ☒ Double Layer ☐ Multi-Layer

F. Special Characteristics

Is the waste:
Radioactive? Y ☒ N ☐ Polymerizable? Y ☒ N ☐
Infectious? Y ☒ N ☐ Pyrophoric? Y ☒ N ☐
Water Reactive? Y ☒ N ☐ Explosive? Y ☒ N ☐

G. Physical/Chemical Properties

Ash (list actual Wt %) 53.8 Water (Wt %) X < 1 5-10 Specific Gravity X < 0.8 1.2-1.4 Viscosity (for bulk liquids only) list actual in centipoise 115-20 pH 112-6 116-10
BTU's per lb list actual value 1-1.5 if > 10 0.8-1.0 1.4-1.7 if > 20 1110-12.5
Flash Point (closed cup) 10,000 list actual list actual 1.0-1.2 if > 1.7 list actual list actual ORGANIC NEUTRAL

Flash Point (closed cup)

1 < 100 F 11 > 200 F
1100-140 F 11 280 F
1140-200 F actual

Sulfur (Wt %)

X < 5
if > 5 list actual value

Halogens (Wt %)

< 1 1-5 5-10 if > 10 list actual Wt %
1: Iodine X 11 11
1: Bromine K 11 11
1: Chlorine N 11 11
1: Fluorine actual Wt %

Metals: EP Toxicity Test (MG/L)

Arsenic (As) .002
Barium (Ba) .1
Cadmium (Cd) .005
Chromium (Cr) .05
Lead (Pb) .05
Mercury (Hg) .0002

Selenium (Se) .002
Silver (Ag) .01
Copper (Cu)
Nickel (Ni)
Zinc (Zn)

Organics (ppm)

n/s NONE SUSPECTED
Endrin n/s
Dieldrin n/s
Methoxychlor n/s
Toxaphene n/s
2,4-D n/s
2,4,5-TP (Silvex) n/s
If material contains the following compounds, indicate actual ppm:
PCB n/s
Cyanides n/s
Sulfides n/s
Dioxin n/s

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MSD054

23009

DEQ052218

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DE V. MSP
PRODUCED BY MSP 9/93
REQUEST
UN/NA
HAZARDOUS WASTE
MATERIAL, MSD054

MSD054

2310 L

H. Notes, Additional Information or Special Handling Instructions

Generating Process: PRINTING

I. Required Protective Equipment and Procedures

Please attach all materials safety data sheets, logistic sketches, analysis reports, handling precautions, additional hazardous support information, data and comments.

WEAR GLOVES & GOGGLES

J. Shipping Information

DOT Hazardous Material ☒ Y ☐ N

Proper Shipping Name

HAZARDOUS WASTE, SOLID N.O.S.

DOT LD. No.

Circle one

UN/NA

9189

Hazard Class

ORM-E

PO

Anticipated Volume

Drums

Gal

Yds

lbs

1:BuA?

1:Rad?

1 x 55

Container Size

55 GALLON

Container Type

55 GALLON STEEL

Per

LI One time

1:Week

1:Month

1:Year

X:Other

90 DAYS

K. Certification

I hereby certify that the above attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exist, and that all known or suspected hazards have been disclosed, I certify that the materials tested are representative of all material described by this Materials Characterization Data Sheet.

1. Michael Murphy

Generator's Signature

2. MICHAEL MURPHY

Name (Type or Print)

3. 1-30-90

Date

4. Foreman

Title

L. Recertification Requirements

This Materials Characterization Data Sheet must be recertified (i.e. updated) twelve months from the date signed and thereafter recertified on an annual basis. In addition, if the characteristics of the material change or if the generating process changes, a new MCDS must be submitted for approval prior to shipment.

NOTICE: If the film image is less clear than this notice, it is due to the quality of the document being filmed

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 44307
BATON ROUGE, LOUISIANA 70804

RECYCLE / REUSE
MANIFEST No 016272

Form Approved OMB No. 2050-0039 Expires 8-30-91

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

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 HAROLD HURKEY & SON 734 E CROCKER STREET, LOS ANGELES, CA 90021-1487		4. Generator's Phone (213) 627-3334		A. State Manifest Document Number		
5. Transporter 1 Company Name GRAPHIC DISPOSAL		6. US EPA ID Number C A D 9 8 1 0 5 7 7 0 6		B. State Generator's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID		
9. Designated Facility Name and Site Address MARINE SHALE PROCESSORS, INC. HIGHWAY 90 EAST MORGAN CITY, LOUISIANA 70380		10. US EPA ID Number		D. Transporter's Phone 213-921-8092		
				E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone (504) 631-3161		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.	
a. HAZARDOUS WASTE, LIQUID N.O.E. ORN-E HA-9109		No. 201	Type D	G	RCRAR EXEMPT	
b.					R	
c.					R	
d.					R	
J. Additional Descriptions for Materials Listed Above A) WASTE INK GRD/FHSC/9002851		K. Handling Codes for Wastes Listed Above				
15. Special Handling Instructions and Additional Information WEAR GLOVES AND GOGGLES IF UNABLE TO DELIVER, RETURN TO 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 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 MANUEL CASTRO		Signature <i>[Signature]</i>		Month Day Year 06/11/90		
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Michael Lockhart		Signature <i>[Signature]</i>		Month Day Year 06/11/90		
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space DEQ052220						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name <i>[Signature]</i>						

EPA Form 3500-22 (Rev. 7-89) WHITE - DEQ GREEN - Generator YELLOW - TSDRF BLUE - Transporter 2 PINK - Transporter 1 GOLD - Generator

US V. MSP
PRODUCED BY MSP 8/93
RECEIVED
NOT A
WASTE
Manifest, Please

MSD054

2311F



MATERIALS CHARACTERIZATION DATA SHEET

MARINE SHALE PROCESSORS, INC.
110 James Drive West, Suite 120
St. Rose, LA 70087
504-465-3310

MAY 07 1990
For MSP Use Only

Approval Code

GRD/HMSC/9002451

A. Generator Information

Generator Name Harold Markey and Son
Site Address 734 S. CRACKER ST.
Los Angeles State CA Zip Code 90021
Generator Contact Manuel Castro
Title Production Manager
Telephone No. 213 627-3334
Facility EPA ID No. CAD 981416795

B. Customer Information

Company Name GRAPHIC DISPOSAL, INC.
Contact WILLIAM B. DATAGLIA
Address 15207 MARQUARDT AVENUE
SANTA FE SPRINGS, CA 90670
Telephone No. 213 921-8097
For Customer Use

C. Regulatory Information

RCRA Regulated ☐ Land Ban ☐ X Non-Regulated ☒ EPA Waste Code(s) RCRA EXEMPT

D. Chemical Composition

(NO TRADE NAMES - Ranges must not exceed 20%. Total in maximum column must be greater than or equal to 100%.)

	MIN	MAX
ALKYD RESIN	7.5	
PHENOLIC RESIN (SOLID)	10.0	
MINERAL OIL	13.0	
LINSEED OIL	8.0	
POLYETHYLENE WAX	1.5	
MAGNESE & COBALT TALLATE	1.0	
DRY PIGMENT	9.0	
Common Solvents	50.0	

Common Solvents WASTE INK CANS NO THICKER THAN 17H

E. General Characteristics

Color: BROWN
Odor: None ☒ Mild ☐ Strong
Liquid ☐ Sludge ☒ Solid ☐ Powder
Phase: ☐ Single Layer ☒ Double Layer ☐ Multi Layer

F. Specific Characteristics

Is the waste:
Radioactive? ☐ Y ☒ N Polymerizable? ☐ Y ☒ N
Infectious? ☐ Y ☒ N Pyrophoric? ☐ Y ☒ N
Water Reactive? ☐ Y ☒ N Explosive? ☐ Y ☒ N

G. Physical/Chemical Properties

Ash (Est actual Wt %) 53.8 Water (Wt %) X < 1 5-10 Specific Gravity X < 0.8 1.2-1.4 Viscosity (for bulk liquids only) cp Total Suspended Solids (Wt % for bulk liquids only) 5-20 pH 11-12.5
BTU's per lb (Est actual value) 10,000 Est actual 1.5 2 > 10 0.8-1.0 1.4-1.7 Est actual in centipoise 5-20 2 > 20 2 < 2 or > 12.5
Flash Point (closed cup) 100-140 F Sulfur (Wt %) X < 5 Halogens (Wt %) X 1-5 5-10 2 > 10 Est actual Wt %
1140-200 F actual 280 F 5 1 1 1
Metals: EP Toxicity Test (MG/L) Organics (ppm) n/s NONE SUSPECTED

Flash Point (closed cup)
1 < 100 F
100-140 F
1140-200 F

Sulfur (Wt %)
X < 5
2 > 10 Est actual value

Halogens (Wt %)
1-5 5-10 2 > 10 Est actual Wt %
Iodine
Bromine
Chlorine
Fluorine

Metals: EP Toxicity Test (MG/L)
Arsenic (As) .002
Barium (Ba) .1
Cadmium (Cd) .005
Chromium (Cr) .05
Lead (Pb) .05
Mercury (Hg) .0002

Selenium (Se) .002
Silver (Ag) .01
Copper (Cu) .01
Nickel (Ni) .01
Zinc (Zn) .01

Organics (ppm) n/s NONE SUSPECTED
Endrin n/s
Dieldrin n/s
Methoxychlor n/s
Toxaphene n/s
2,4-D n/s
2,4,5-TP (Silvex) n/s
If material contains the following compounds, indicate actual ppm:
PCB n/s
Cyanides n/s
Sulfides n/s
Dioxin n/s

DEMO52221

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U.S. V. MSP
PRODUCED BY MSP 9/93
REQUEST
WILLIAM B. DATAGLIA
GRAPHIC DISPOSAL, INC.

MSD054

2312

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OS V. MSP RELEASED
PRODUCED BY MSP 9/93
PROJECT A
WILKINSON, HARRIS, WATTS
MADRID, MADRID

MSD054

23131

H. Notes, Additional Information or Special Handling Instructions

Generating Process: PRINTING

I. Required Protective Equipment and Procedures

Please attach all materials safety data sheets, logistic sketches, analysis reports, handling precautions, additional hazardous support information, data and comments.

WEAR GLOVES & GOGGLES

J. Shipping Information

DOT Hazardous Material ☒ Y ☐ N

Proper Shipping Name

HAZARDOUS WASTE, SOLID N.O.S.

DOT LD. No.

Circle one

UN/NA

9189

Hazard Class

ORM-E

RO

Anticipated Volume

Drums

Gal

Yds

Lbs

BA?

Rad?

1 x 55

Container Size

55 GALLON

Container Type

55 GALLON STEEL

Per

One Time

Week

Month

Year

X Other

90 DAYS

Certification

I hereby certify that the above attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exist, and that all known or suspected hazards have been disclosed, I certify that the materials tested are representative of all material described by this Materials Characterization Data Sheet.

1. 

Generator's Signature

2. MANUEL CASTRO

Name (Type or Print)

3. 5/4/90

Date

4. PRODUCTION MANAGER

Title

Recertification Requirements

This Materials Characterization Data Sheet must be recertified (i.e. updated) twelve months from the date signed and thereafter recertified on an annual basis. In addition, if the characteristics of the material change or if the generating process changes, a new MCDS must be submitted for approval prior to shipment.

NOTICE: If the film image is less clear than this notice, it is due to the quality of the document being filmed

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 44307
BATON ROUGE, LOUISIANA 70804

RECYCLE / REUSE
MANIFEST NO 015267

Please print or type. (Form designed for use on office (12-pitch) typewriter.)

Form Approved, OMB No. 2050-0039, Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. LA0000012925		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 QUEEN BEACH PRINTERS 937 PINE AVENUE, LONG BEACH, CA 90813						A. State Manifest Document Number									
4. Generator's Phone (213) 436-8201						B. State Generator's ID									
5. Transporter 1 Company Name GRAPHIC DISPOSAL						C. State Transporter's ID 014238									
6. US EPA ID Number LA0000012925						D. Transporter's Phone 213-921-8004									
7. Transporter 2 Company Name						E. State Transporter's ID									
8. US EPA ID Number						F. Transporter's Phone									
9. Designated Facility Name and Site Address MARINE SHALE PROCESSORS, INC. HIGHWAY 90 EAST MORGAN CITY, LOUISIANA 70380						G. State Facility's ID									
10. US EPA ID Number LA0000012925						H. Facility's Phone (504) 631-3161									
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.			
a. HAZARDOUS WASTE, SOLID N.C.D. ORU-E NA-9169						202 D1		201/110		G		RCRA R EXEMPT			
b.												R			
c.												R			
d.												R			
J. Additional Descriptions for Materials Listed Above A) WASTE INK & CANS GRD/QBPI/9002323						K. Handling Codes for Wastes Listed Above RECYCLE / REUSE									
15. Special Handling Instructions and Additional Information WEAR GLOVES AND GOGGLES IF UNABLE TO DELIVER, RETURN TO 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 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 DANIEL M. PRINCE						Signature Daniel M. Prince						Month Day Year 10/1/90			
17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name MICHAEL LOCKHART						Signature Michael Lockhart		Month Day Year 01/18/91	
18. Transporter 2 Acknowledgement of Receipt of Materials						Printed/Typed Name						Signature		Month Day Year	
19. Discrepancy Indication Space						DEQ052223									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.															
Printed/Typed Name GAIL BROSSETT						Signature Gail Brossett						Month Day Year 11/26/90			

EPA Form 3500-22 (Rev. 9-80)

WHITE - DEQ GREEN - Generator YELLOW - TSDRF BLUE - Transporter 2 PINK - Transporter 1 GOLD - Generator

DEPARTMENT OF ENVIRONMENTAL QUALITY

OR V. REP
PRODUCED BY REP 9/93
RECEIVED
NOT
WASTE
MANIFEST
MASS

MSD054

2314F



MATERIALS CHARACTERIZATION DATA SHEET

MARINE SHALE PROCESSORS, INC. APR 27 1990
110 James Drive West, Suite 120
St. Rose, LA 70087
504-465-3310 9002323

For MSP Use Only

Approval Code

GRD/QBPI/9002323
8901066

A. Generator Information

Generator Name Queer Beach Printers
Site Address 937 Pine Ave
City Long Beach State CA Zip Code 90813
Generator Contact Dave Dowling
Title Plant Mgr
Telephone No. (714) 436-8201
Facility EPA ID No. CA 000 012 925

B. Customer Information

Company Name GRAPHIC DISPOSAL, INC.
Contact WILLIAM B. DATTAGLIA
Address 15207 MARQUARDT AVENUE
SANTA FE SPRINGS, CA 90670
Telephone No. (213) 921-8097
For Customer Use

C. Regulatory Information

RCRA Regulated

Land Ban

X Non-Regulated

EPA Waste Code(s)

RCRA EXEMPT

D. Chemical Composition

(NO TRADE NAMES - Ranges must not exceed 20%. Total in maximum column must be greater than or equal to 100%.)

	MIN	MAX
ALKYD RESIN	7.5	
PHENOLIC RESIN (SOLID)	10.0	
MINERAL OIL	13.0	
LINSEED OIL	8.0	
POLYETHYLENE WAX	1.5	
MAGNESE & COBALT TALLATE	1.0	
DRY-PIGMENT	9.0	
Common Solvent	50.0	

WASTE INK CAN NO THICKER THAN 17H

E. General Characteristics

Color: BROWN
Odor: ☐ None ☒ Mild ☐ Strong
Liquid ☐ Sludge ☒ Solid ☐ Powder
Phases: ☐ Single Layer ☒ Double Layer ☐ Multi-Layer

F. Specific Characteristics

Is the waste:

Radioactive? Y ☒ N ☐ Polymerizable? Y ☐ N ☒
Infectious? Y ☒ N ☐ Pyrophoric? Y ☐ N ☒
Water Reactive? Y ☒ N ☐ Explosive? Y ☐ N ☒

G. Physical/Chemical Properties

Ash (Est actual Wt %) 53.8 Water (Wt %) X < 1 5-10 Specific Gravity X < 0.8 1.2-1.4
BTU's per lb (Est actual value) 11-5 12-10 0.8-1.0 1.4-1.7
Viscosity (for bulk liquids only) (Est actual in centipoise) 1-5-20 11-10-12.5
pH (Est actual) 1-2-20 11-10-12.5
Flash Point (closed cup) (Est actual) 1-2-20 11-10-12.5
Organics (ppm) (Est actual) 1-2-20 11-10-12.5
Sulfur (Wt %) (Est actual) 1-2-20 11-10-12.5
Halogens (Wt %) (Est actual) 1-2-20 11-10-12.5
Iodine (Est actual) 1-2-20 11-10-12.5
Bromine (Est actual) 1-2-20 11-10-12.5
Chlorine (Est actual) 1-2-20 11-10-12.5
Fluorine (Est actual) 1-2-20 11-10-12.5
Metals: EP Toxicity Test (MG/L)
Arsenic (As) .002 Selenium (Se) .002
Barium (Ba) .1 Silver (Ag) .01
Cadmium (Cd) .005 Copper (Cu)
Chromium (Cr) .05 Nickel (Ni)
Lead (Pb) .05 Zinc (Zn)
Mercury (Hg) .0002

Flash Point (closed cup)

17 < 100°F 11 > 200°F
100-140°F 11 280°F
140-200°F actual

Sulfur (Wt %)

X < 5
If > 5 Est actual value

Halogens (Wt %) < 1 1-5 5-10 11 > 10 Est actual Wt %
Iodine X 11 11
Bromine W 11 11
Chlorine W 11 11
Fluorine actual Wt %

Organics (ppm) n/s NONE SUSPECTED.

Endrin n/s
Lindane n/s
Methoxychlor n/s
Toxaphene n/s
2,4-D n/s
2,4,5-TP (Silver) n/s
If material contains the following compounds, indicate actual ppm:
PCB n/s
Cyanides n/s
Sulfides n/s
Dioxin n/s

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MSD 054
Produced by MSP 9/93
Request 11/93
MSD 054

MSD054

2315

DEMO 52224

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DE V. MSP
PRODUCED BY MSP 9/93
REQUEST
WILSON HAZARDOUS WASTE
HAZARDOUS WASTE

MSD054

2316 L

H. Notes, Additional Information or Special Handling Instructions

Generating Process: **PRINTING**

I. Required Protective Equipment and Procedures

Please attach all materials safety data sheets, logistic sketches, analysis reports, handling precautions, additional hazardous support information, data and comments.

WEAR GLOVES & GOGGLES

J. Shipping Information

DOT Hazardous Material ☒ Y ☐ N

Proper Shipping Name

HAZARDOUS WASTE, SOLID N.O.S.

DOTLD. No.

(circle one)

UNNA

9189

Hazard Class

ORM-E

RD

Anticipated Volume

Drums

Gal

Yds

Lbs

Bulk?

1 Rail?

1 x 55

Container Size

55 GALLON

Container Type

55 GALLON STEEL

Per

1 One time

1 Week

1 Month

1 Year

X Other

90 DAYS

Certification

I hereby certify that the above attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exist, and that all known or suspected hazards have been disclosed, I certify that the materials tested are representative of all material described by this Materials Characterization Data Sheet.

1. David M. Pauling

Generator's Signature

2. DAVID M. PAULING

Name (Type or Print)

3. 9/25/90

Date

4. PLANT MANAGER

Title

Recertification Requirements

This Materials Characterization Data Sheet must be recertified (i.e. updated) twelve months from the date signed and thereafter recertified on an annual basis. In addition, if the characteristics of the material change or if the generating process changes, a new MCDS must be submitted for approval prior to shipment.

DEQ052225

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 44307
BATON ROUGE, LOUISIANA 70804

RECYCLE / REUSE

MANIFEST NO 015220

Form Approved OMB No. 2050-0039 Expires 9-30-91

Please print or type. (Form designed for use on 12-pitch typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. LA0981057706		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 SIGNAL PRINTING 5560 CHERRY STREET, LONG BEACH, CA 90805						A. State Manifest Document Number							
4. Generator's Phone (310) 531-4455						B. State Generator's ID							
5. Transporter 1 Company Name GRAPHIC DISPOSAL						C. State Transporter's ID 014238							
6. US EPA ID Number LA0981057706						D. Transporter's Phone 213-921-8067							
7. Transporter 2 Company Name						E. State Transporter's ID							
8. US EPA ID Number						F. Transporter's Phone							
9. Designated Facility Name and Site Address MARINE SHALE PROCESSORS, INC. HIGHWAY 90 EAST MORGAN CITY, LOUISIANA 70380						G. State Facility's ID							
10. US EPA ID Number LA0981057706						H. Facility's Phone (504) 631-3161							
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.	
a. HAZARDOUS WASTE, SOLID H.O.S. ORM-E 11-5189						1002 1		1001110		G		RCRAR EXEMPT	
b.												R	
c.												R	
d.												R	
J. Additional Descriptions for Materials Listed Above A) WASTE INK & CANS GRD/SGNL/8904151						K. Handling Codes for Wastes Listed Above							
15. Special Handling Instructions and Additional Information WEAR GLOVES AND GOGGLES IF UNABLE TO DELIVER, RETURN TO 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 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 KERRY L. DUNCAN						Signature [Signature]				Month Day Year 12/31/1990			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name MICHAEL LOCKHART						Signature [Signature]				Month Day Year 06/18/91			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name						Signature				Month Day Year			
19. Discrepancy Indication Space DER052226													
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]													
Signature [Signature]						Month Day Year [Signature]							

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DE V. MSP
PRODUCED BY MSP 9/93
REQUEST
MICHAEL LOCKHART'S NAME
MICHAEL LOCKHART

MSD054

2317 F

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OS V. MAP

PRODUCED BY MSP 9/93

RELEASABLE

MSD054

2318

MARINE SHALE PROCESSORS, INC.

MATERIALS CHARACTERIZATION DATA SHEET

MCDS Document # 904151

JUL 26 1989 BOX 1698 • KENNER, LA 70063

GRD SGN 8904151

SALES (504) 465-3310

MSP CODE:

Generator Name: Signal Printing
Facility Address: 1415 Cherrywood Circle
City, State, Zip: LAKE CHARLES, LA 70605
Technical Contact: Tubert Adams
Title: Plant Manager
Telephone NO.: 408 0316 EXT:
Facility EPA ID #: LA 982 506 172

Bill To: GRAPHIC DISPOSAL
Address: 13621 ALONDRA BLVD.
City, State, Zip: SANTA FE SPRINGS, CA 90670
Telephone #: (213) 921-8097
Company Contact: WILLIAM BATTAGLIA
Container Size: 55 GALLON STEEL
(EPA Waste No. RCRA EXEMPT (CAL WASTE ONLY))

Generating Process: PRINTING
Common Name of Waste: INK WASTE
Rate of Generation: 1 x 55 PER 90 DAYS
Volume in Storage: 1 x 55 IN 55 GALLON STEEL

Is Waste DOT Hazardous: XXYES | NO
Proper DOT Shipping Name: HAZARDOUS WASTE, SOLID N.O.S.
Hazard Class: ORM-E ID No. HA-9189
Transportation Equipment: TRUCK
Placarding: NONE

CHEMICAL COMPOSITION (No Trade Name)

(Total must add up to 100%)
54 EMPTY INK CANS NO THICKER THAN 1711 50%
ALKD RESIN 7.5%
PHENOLIC RESIN (SOLID) 10%
MINERAL OIL 13%
LINSEED OIL 8%
POLYETHYLENE WAX 1.5%
MANGANESE & COBALT TALLATE 1%
DRY PIGMENT 9%
METALS (EP Toxicity Test, mg/l)

Arsenic (As)	001	Silver (Ag)	005
Barium (Ba)	05	Copper (Cu)	
Cadmium (Cd)	003	Nickel (Ni)	
Chromium (Cr)	01	Zinc (Zn)	
Lead (Pb)	02		
Mercury (Hg)	0001		
Selenium (Se)	001		

INORGANICS (mg/l or ppm)

Total CN	N/S	Iodine	N/S
Free CN	N/S	Asbestos	
Sulfide	N/S		
Chloride	N/S		
Bisulfite	N/S		
Sulfite	N/S		
Sulfate	N/S		
Phosphate	N/S		
Fluoride	N/S		
Bromine	N/S		
Chlorine	N/S		

ORGANICS (mg/l or ppm)

Endrin	N/S	Organohalide	N/S
Methoxychlor	N/S	Mercaptans	
Toxaphene	N/S		
2,4-D	N/S		
2,4,5-T	N/S		
Phenolics	N/S		
PCBs	N/S		
Dioxin	N/S		
TOC	N/S		

PHYSICAL DESCRIPTION

Physical State: XX Liquid XX Semi-solid Solid
Phases/Layering: Uni-Layer XX Bilayer Multilayer
Viscosity: High Medium XX Low
Type of Solids: Organic Inorganic Mixed
Total Solids (wt. %): Suspended Solids (wt. %):
BTU/lb: 6,000 % Ash Content: 58 % Water (by weight):
Flash Point (°F): 280 F Type:
Specific Gravity:
Boiling Point (°C): Freezing Point (°C):
Vapor Pressure (mm Hg @ 24°C):
pH (Avg): ORGANIC NEUTRAL to
Total Alkalinity/Acidity (%):
Odor: NONE
Color: BLACK

HAZARDOUS PROPERTIES

☒ Water Reactive	☐ Reactive	☒ NONE
☐ Shock Sensitive	☐ Pyrophoric	☐ Explosive
☐ Radioactive	☐ Pesticide Residuals	☐ Polymerizable
☐ Corrosive	☐ Toxic Vapor	☐ Ignitable
☐ Biological	☐ Ecological	☐ Pathogen
☐ Other		

REQUIRED PERSONNEL PROTECTIVE EQUIPMENT AND PROCEDURES:

WEAR GLOVES & GOGGLES

PLEASE ATTACH ALL MATERIAL SAFETY DATA SHEETS, LOGISTIC SKETCHES, ANALYSIS REPORTS, HANDLING PRECAUTIONS, ADDITIONAL HAZARD SUPPORT INFORMATION, DATA & COMMENTS.

CERTIFICATION: I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exists, and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all the materials subject to the contract.

DATE

GENERATOR'S SIGNATURE: Tubert Adams

DEQ052227

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U.S. V. MSP
PRODUCED BY MSP 9/93
REQUESTED BY
WALTON INDUSTRIES, INC.
Hazardous Waste

MSD054

23191

MARINE SHALE PROCESSORS, INC.

MATERIALS CHARACTERIZATION DATA SHEET

MCDS Document #
8904151

JUL 26 1989
PO BOX 1698 • KENNER, LA 70063
SALES (504) 465-3310

G.R.D. SGN 8904151
MSP CODE:

Generator Name Signal Printing
Facility Address 1437 Cherry Industrial Circle
City, State, Zip Long Beach, CA 90805
Technical Contact John Adams
Title Plant Manager
Telephone NO. (310) 408-6316 EXT:
Facility EPA ID # CA0982506172

Bill To: GRAPHIC DISPOSAL
Address: 13621 ALONDRA BLVD.
City, State, Zip: SANTA FE SPRINGS, CA 90670
Telephone #: (213) 921-8097
Company Contact: WILLIAM BATTAGLIA
Container Size: 55 GALLON STEEL
EPA Waste No. RCRA EXEMPT (CAL WASTE ONLY)
Generating Process PRINTING
Common Name of Waste INK WASTE
Rate of Generation 1 x 55 PER 90 DAYS
(Quart) (Gallon) (Time Interval)
Volume In Storage 1 x 55 IN 55 GALLON STEEL
(Quart) (Gallon) (Container Size and Type)
Is Waste DOT Hazardous XXXXX YES 1 NO
Proper DOT Shipping Name HAZARDOUS WASTE, SOLID N.O.S.
Hazard Class ORM-E ID No. NA-9189
Transportation Equipment TRUCK
Placarding NONE

CHEMICAL COMPOSITION (No Trade Name)

(Totals must add up to 100%)
51 EMPTY INK CANS NO THICKER THAN 17H 50%
ALKD RESIN 7.5
PHENOLIC RESIN (SOLID) 10
MINERAL OIL 13
LINSEED OIL 8
POLYETHYLENE WAX 1.5
MAGANESE & COBALT TALLATE 1
DRY PIGMENT 9
METALS (EP Toxicity Test, mg/l)

Arsenic (As)	<u>.001</u>	Silver (Ag)	<u>.005</u>
Barium (Ba)	<u>.05</u>	Copper (Cu)	
Cadmium (Cd)	<u>.003</u>	Nickel (Ni)	
Chromium (Cr)	<u>.01</u>	Zinc (Zn)	
Lead (Pb)	<u>.02</u>		
Mercury (Hg)	<u>.0001</u>		
Selenium (Se)	<u>.001</u>		

INORGANICS (mg/l or ppm)

Total CN	<u>N/S</u>	Iodine	<u>N/S</u>
Free CN	<u>N/S</u>	Asbestos	
Sulfide	<u>N/S</u>		
Chloride	<u>N/S</u>		
Bisulfite	<u>N/S</u>		
Sulfite	<u>N/S</u>		
Sulfate	<u>N/S</u>		
Phosphate	<u>N/S</u>		
Fluorine	<u>N/S</u>		
Bromine	<u>N/S</u>		
Chlorine	<u>N/S</u>		

ORGANICS (mg/l or ppm)

Endrin	<u>N/S</u>	Organohalide	<u>N/S</u>
Methoxychlor	<u>N/S</u>	Mercaptans	
Toxaphene	<u>N/S</u>		
2,4-D	<u>N/S</u>		
2,4,5-T	<u>N/S</u>		
Phenolics	<u>N/S</u>		
PCBs	<u>N/S</u>		
Dioxin	<u>N/S</u>		
TOC	<u>N/S</u>		

PHYSICAL DESCRIPTION

Physical State 1 Liquid XX Semi-solid 1 Solid
Phases/Layering 1 Uni-Layer 1 Bilayer 1 Multilayer
Viscosity 1 High 1 Medium XX Low
Type of Solids 1 Organic 1 Inorganic 1 Mixed
Total Solids (wt. %) --- Suspended Solids (wt. %) ---
BTU/lb 6,000 % Ash Content 58 % Water (by weight) ---
Flash Point (°F) 280 F Type ---
Specific Gravity ---
Boiling Point (°C) --- Freezing Point (°C) ---
Vapor Pressure (mm Hg @ 24°C) ---
pH (Avg) ORGANIC NEUTRAL to ---
Total Alkalinity/Acidity (%) ---
Odor NONE
Color BLACK

HAZARDOUS PROPERTIES

<u>1</u> Water Reactive	<u>1</u> Reactive	<u>1</u> Explosive
<u>1</u> Shock Sensitive	<u>1</u> Pyrophoric	<u>1</u> Polymerizable
<u>1</u> Radioactive	<u>1</u> Pesticide Residuals	<u>1</u> Ignitable
<u>1</u> Corrosive	<u>1</u> Toxic Vapor	<u>1</u> Pathogen
<u>1</u> Biological	<u>1</u> Etiological	
<u>1</u> Other		

REQUIRED PERSONNEL PROTECTIVE EQUIPMENT AND PROCEDURES:

WEAR GLOVES & GOGGLES

PLEASE ATTACH ALL MATERIAL SAFETY DATA SHEETS, LOGISTIC SKETCHES, ANALYSIS REPORTS, HANDLING PRECAUTIONS, ADDITIONAL HAZARD SUPPORT INFORMATION, DATA & COMMENTS.

CERTIFICATION: I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exists, and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all the materials subject to the contract.

DATE

GENERATOR'S SIGNATURE: John Adams

DEQ052228

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 44307
BATON ROUGE, LOUISIANA 70804

RECYCLE / REUSE ✓

MANIFEST NO 015235

Form Approved OMB No. 2050-0039, Expires 9-30-91

Please print or type. (Form designed for use on this (12-pitch) typewriter.)

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	
GRAPHIC CENTER 3925 POWER INN ROAD, SACRAMENTO, CA 95851		6. US EPA ID Number		B. State Generator's ID	
5. Transporter 1 Company Name		7. Transporter 2 Company Name		C. State Transporter's ID	
GRAPHIC DISPOSAL		8. US EPA ID Number		D. Transporter's Phone	
9. Designated Facility Name and Site Address		10. US EPA ID Number		E. State Transporter's ID	
MARINE SHALE PROCESSORS, INC. HIGHWAY 90 EAST MORGAN CITY, LOUISIANA 70380		11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		F. Transporter's Phone	
		12. Containers		G. State Facility's ID	
		No. Type		H. Facility's Phone	
HAZARDOUS WASTE, LIQUID H.O.L. CRM-E Nr-9109		13. Total Quantity		14. Unit Wt/Vol	
		15. Waste No.			
J. Additional Descriptions for Materials Listed Above		K. Handling Codes for Wastes Listed Above			
AA)-WASTE INK GRD/GCEN/9001806		RECYCLE / REUSE			
15. Special Handling Instructions and Additional Information					
WEAR GLOVES AND GOGGLES					
IF UNABLE TO DELIVER, RETURN TO 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 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		Month Day Year	
LEON T. SCHEFFER		[Signature]		10/2/90	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month Day Year	
Printed/Typed Name		Signature		Month Day Year	
RPAO RUTLER		[Signature]		10/6/2090	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month Day Year	
Printed/Typed Name		Signature		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		Month Day Year	
Gina R. [Signature]		[Signature]		10/1/90	

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US V. MSP
PRODUCED BY MSP 9/93
REQUEST
UNRECORDED
HARRIS, MICHAEL

MSD054

2320 F

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MATERIALS CHARACTERIZATION DATA SHEET

MARINE SHALE PROCESSORS, INC. APR 03 1990
110 James Drive West, Suite 120
St. Rose, LA 70087
504-465-3310

For MSP Use Only
Approval Code GRO/GCEN/9001806

9001806

A. Generator Information

Generator Name GRAPHIC CENTER
Site Address 3925 POWER INN ROAD
City SACRAMENTO State CA Zip Code 95851
Generator Contact LARRY T. SCHNEIDER
Title PRESSROOM SUPERVISOR
Telephone No. (916) 453-1332
Facility EPA ID No. CAD065007882

B. Customer Information

Company Name GRAPHIC DISPOSAL, INC.
Contact WILLIAM B. BATTAGLIA
Address 15207 HAROUARDT AVENUE
SANTA FE SPRINGS, CA 90670
Telephone No. (213) 921-8097
For Customer Use

C. Regulatory Information

RCRA Regulated ☐ Land Ban ☐ X Not Regulated EPA Waste Code(s) RCRA EXEMPT

D. Chemical Composition

(NO TRADE NAMES - Ranges must not exceed 20%. Total in maximum column must be greater than or equal to 100%)

	MIN	MAX
<u>ALKYD RESIN</u>	<u>15</u>	
<u>PHENOLIC RESIN (SOLID)</u>	<u>20</u>	
<u>MINERAL OIL</u>	<u>26</u>	
<u>LINSEED OIL</u>	<u>16</u>	
<u>POLYETHYLENE WAX</u>	<u>3</u>	
<u>COBALT & MANGANESE TALLATE</u>	<u>2</u>	
<u>DRY PIGMENT</u>	<u>18</u>	

Common Name of Waste: INK WASTE

E. General Characteristics

Color: BLACK
Odor: ☒ None ☐ Mild ☐ Strong
Liquid ☒ Sludge ☐ Solid ☐ Powder
Phase ☒ Single Layer ☐ Double Layer ☐ Multi-Layer

F. Specific Characteristics

Is the waste:
Radioactive? Y ☒ N ☐ Polymerizable? Y ☒ N ☐
Infectious? Y ☒ N ☐ Pyrophoric? Y ☒ N ☐
Water Reactive? Y ☒ N ☐ Explosive? Y ☒ N ☐

G. Physical/Chemical Properties

Ash (Est actual Wt %) 3.85 Water (Wt %) X < 1 5-10 Specific Gravity X < 0.8 1.2-1.4 Viscosity (for bulk liquids only) Est actual in centipoise cp
BTU's per lb (Est actual value) 16,000 Est actual Est actual Total Suspended Solids (Wt % for bulk liquids only) Est actual
Flash Point (closed cup) 11 < 100°F 11 > 200°F 11 100-140°F 11 140-200°F actual Sulfur (Wt %) X < 5 if > 5 Est actual value Halogens (Wt %) < 1 1-5 5-10 if > 10 Est actual Wt %
pH 11 2-6 11 6-10 11 10-12.5 if < 2 or > 12.5 Est actual ORGANIC NEUTRA
Halogens (Wt %) < 1 1-5 5-10 if > 10 Est actual Wt %
Iodine 10 11 11
Bromine 10 11 11
Chlorine 10 11 11
Fluorine actual Wt %

Flash Point (closed cup)
11 < 100°F 11 > 200°F
11 100-140°F 11 140-200°F
actual

H. Metals: EP Toxicity Test (PAG/U)

Arsenic (As) .002
Barium (Ba) .1
Cadmium (Cd) .005
Chromium (Cr) .05
Lead (Pb) .05
Mercury (Hg) .0002

Selenium (Se) .002
Silver (Ag)
Copper (Cu)
Nickel (Ni)
Zinc (Zn)

I. Organics (ppm) n/s NONE SUSPECTED

Endrin n/s
Lindane n/s
Methoxychlor n/s
Toxaphene n/s
2,4-D n/s
2,4,5-TP (Silvex) n/s
If material contains the following compounds, indicate actual ppm:
PCB n/s
Cyanides n/s
Sulfides n/s
Dioxin n/s

MSD054

2321

DEB052230

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OS V. MSP
PRODUCED BY MSP 9/93
RELEASABLE
UNCLASSIFIED
DATE 11/11/01 BY 60322
HARRIS, MICHAEL

MSD054

27221

H. Notes, Additional Information or Special Handling Instructions

Generating Process: PRINTING

I. Required Protective Equipment and Procedures

Please attach all materials safety data sheets, logistic sketches, analysis reports, handling precautions, additional hazardous support information, data and comments.

WEAR GLOVES & GOGGLES

J. Shipping Information

DOT Hazardous Material ☒ Y ☐ N

Proper Shipping Name

HAZARDOUS WASTE, LIQUID N.O.S.

DOT LD. No.

(circle one)

UN/NA

9189

Hazard Class

ORM-E

RO

Anticipated Volume

Drums

Gal

Yds

Lbs

Rolls

Rolls

1 x 55 GAL.

Container Size

55 GALLON

Container Type

55 GALLON STEEL

Per

☐ One time

☐ Week

☐ Month

☐ Year

☒ Other 90 DAYS

Certification

I hereby certify that the above attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exist, and that all known or suspected hazards have been disclosed, I certify that the materials tested are representative of all material described by this Materials Characterization Data Sheet.

1. Larry J. Schroeder

Generator's Signature

2. LARRY J. SCHROEDER

Name (Type or Print)

3. 3-29-90

Date

4. PRINTROOM SUPERVISOR

Title

Recertification Requirements

This Materials Characterization Data Sheet must be recertified (i.e. updated) twelve months from the date signed and thereafter recertified on an annual basis. In addition, if the characteristics of the material change or if the generating process changes, a new MCDS must be submitted for approval prior to shipment.

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OS V. MSP
PRODUCED BY MSP 9/93
PROJECT 4
WALTON, MISSISSIPPI
Manifest, MSD054

MSD054

2323 F

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 44307
BATON ROUGE, LOUISIANA 70804

RECYCLE / REUSE
MANIFEST NO 015713

Form Approved OMB No. 2050-0039, Expires 9-30-91

Please print or type. (Form designed for use on 8 1/2 (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's USEPA 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 POLIO GRAPHICS 2405 SDEMAN AVENUE, E. EL MONTE, CA 91733		C 1 A D 0 0 0 1 2 6 4 E		A. State Manifest Document Number		
4. Generator's Phone (818) 575-3200		6. US EPA ID Number		B. State Generator's ID		
5. Transporter 1 Company Name GRAPHIC DISPOSAL		C 1 A D 9 8 2 0 3 0 1 U 1		C. State Transporter's ID 014238		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 213-921-8097		
9. Designated Facility Name and Site Address MARINE SHALE PROCESSORS, INC. HIGHWAY 90 EAST MORGAN CITY, LOUISIANA 70380		10. US EPA ID Number L 1 A D 9 8 1 0 5 7 7 0 6		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone (504) 631-3161		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a. HAZARDOUS WASTE, LIQUID H.O.S. ORM-E NA-9189		0011	DM	01410515	G	RCRA R EXEMPT
b.						R
c.						R
d.						R
J. Additional Descriptions for Materials Listed Above A) WASTE INK GRD/POGR/8902250		RECYCLE / REUSE		K. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information WEAR GLOVES AND GOGGELS IF UNABLE TO DELIVER, RETURN TO 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 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 John Martinez		Signature John Martinez		Month Day Year 10/1/93		
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Michael Lockhart		Signature Michael Lockhart		Month Day Year 10/1/93		
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space DEQ052232						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Gina R. Ruff						
Signature Gina R. Ruff		Month Day Year 10/1/93				



MATERIALS CHARACTERIZATION DATA SHEET

MARINE SHALE PROCESSORS, INC.
110 James Drive West, Suite 120
St. Rose, LA 70087
504-465-3310

For MSP Use Only

Approval Code

GRO/FCGR/8902250

8902250

A. Generator Information

Generator Name Folio Graphics
Site Address 2405 Seaman Ave.
City S. EL Monte State CA Zip Code 91733
Generator Contact NORM DICKY
Title PRESIDENT
Telephone No. (818) 575-3200
Facility EPA I.D. No. CAL0000121048

B. Customer Information

Company Name GRAPHIC DISPOSAL, INC.
Contact WILLIAM B. BATTAGLIA
Address 15207 MARQUARDT AVENUE
SANTA FE SPRINGS, CA 90670
Telephone No. (213) 921-8097
For Customer Use INK WASTE

C. Regulatory Information

☐ RCRA Regulated

☐ Land Ban

☒ Non-Regulated

EPA Waste Code(s) RCRA EXEMPT

D. Chemical Composition

(NO TRADE NAMES - Ranges must not exceed 20%. Total in maximum column must be greater than or equal to 100%.)

	MIN	MAX
ALKYD RESIN	15	
PHENOLIC RESIN (SOLID)	20	
MINERAL OIL	26	
LINSEED OIL	16	
POLYETHYLENE WAX	3	
MAGANESE & COBALT TALLATE	2	
Common Name of Waste: <u>DRY PIGMENT</u>	18	

E. General Characteristics

Color: BROWN
Odor: ☒ None ☐ Mild ☐ Strong
☐ Liquid ☒ Sludge ☐ Solid ☐ Powder
Phases ☐ Single Layer ☒ Double Layer ☐ Multi-Layer

F. Specific Characteristics

Is the waste:

Radioactive? Y ☒ N ☐ Polymerizable? Y ☒ N ☐
Infectious? Y ☒ N ☐ Pyrophoric? Y ☒ N ☐
Water Reactive? Y ☒ N ☐ Explosive? Y ☒ N ☐

G. Physical/Chemical Properties

Ash (Est actual Wt %) 3.85 Water (Wt %) 1 ☐ <1 ☐ 5-10 ☐ 1-5 ☒ >10
BTU's per lb (Est actual value) 16,000 Specific Gravity 1.0 ☐ <0.8 ☐ 0.8-1.0 ☐ 1.0-1.2 ☐ >1.2
Viscosity (for bulk liquids only) cp Total Suspended Solids (Wt % for bulk liquids only) 0 ☐ <5 ☐ 5-20 ☐ >20
Est actual in centipoise cp Est actual 0 pH 7 ☐ 2-6 ☐ 6-10 ☐ 10-12.5 ☐ <2 or >12.5
Est actual cp Est actual 0 Est actual ORGANIC NEUTRAL

Flash Point (closed cup)

☐ <100°F ☐ >200°F
☐ 100°-140°F ☒ 280 °F
☐ 140°-200°F actual

Sulfur (Wt %)

☒ <5
☐ >5 Est actual value

Halogens (Wt %)

☒ Iodine ☒ Bromine ☒ Chlorine ☒ Fluorine
actual Wt %

>10 Est actual Wt %

Metals: EP Toxicity Test (M/G/L)

Arsenic (As) .002
Barium (Ba) .1
Cadmium (Cd) .005
Chromium (Cr) .05
Lead (Pb) .05
Mercury (Hg) .0002

Selenium (Se) .002
Silver (Ag) .01
Copper (Cu) .05
Nickel (Ni) .05
Zinc (Zn) .05

Organics (ppm)

Endrin n/s
Lindane n/s
Methoxychlor n/s
Toxaphene n/s
2,4-D n/s
2,4,5-TP (Silvex) n/s

If material contains the following compounds, indicate actual ppm:

PCB n/s
Cyanides n/s
Sulfides n/s
Dioxin n/s

DEQ052233

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US V. MSP
PRODUCED BY MSP 9/93
REQUESTED BY
WALTON HARRIS
HARRIS, HARRIS & ASSOCIATES

MSD054

2324

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DE V. MSP
PRODUCED BY MSP 9/93
REQUEST
ALL 8021 Hazardous Waste
Material, MSDS

MSD054

2325 L

H. Notes, Additional Information or Special Handling Instructions

Generating Process:

I. Required Protective Equipment and Procedures

Please attach all materials safety data sheets, logistic sketches, analysis reports, handling precautions, additional hazardous support information, data and comments.

WEAR GLOVES & GOGGLES

J. Shipping Information

DOT Hazardous Material Y . N
Proper Shipping Name HAZARDOUS WASTE, LIQUID N.O.S. DOT LD. No. (circle one) UN 1A 9189
Hazard Class ORM-E RQ
Anticipated Volume Drums 1 x 55 Gal Yds lbs ☐ Bulk ☐ Rail
Container Size 55 GALLON Container Type 55 GALLON STEEL
Per ☐ One time ☐ Week ☐ Month ☐ Year ☒ Other 90 DAYS

Certification

I hereby certify that the above attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exist, and that all known or suspected hazards have been disclosed, I certify that the materials tested are representative of all material described by this Materials Characterization Data Sheet.

1. Norman L. Dickey 2. NORMAN L. DICKEY
Generator's Signature Name (Type or Print)
3. 4-11-90 4. PRESIDENT
Date Title

Recertification Requirements

This Materials Characterization Data Sheet must be recertified (i.e. updated) twelve months from the date signed and thereafter recertified on an annual basis. In addition, if the characteristics of the material change or if the generating process changes, a new MCDS must be submitted for approval prior to shipment.

DEQ052234

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 44307
BATON ROUGE, LOUISIANA 70804

RECYCLE / REUSE
MANIFEST NO 015265

Form Approved OMB No. 2050-0039 Expires 6-30-91

Please print or type. (Form designed for use on either 12-pitch typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA D S 0 2 5 0 2 9 9 9		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 FULL COURT PRESS 3510 E. ENTERPRISE DRIVE, ANAHEIM, CA					A. State Manifest Document Number		
4. Generator's Phone (714) 632-6644					B. State Generator's ID		
5. Transporter 1 Company Name GRAPHIC DISPOSAL					C. State Transporter's ID 14238		
6. US EPA ID Number CA D S 0 2 5 0 2 9 9 9					D. Transporter's Phone 213-921-8097		
7. Transporter 2 Company Name					E. State Transporter's ID		
8. US EPA ID Number					F. Transporter's Phone		
9. Designated Facility Name and Site Address MARINE SHALE PROCESSORS, INC. HIGHWAY 90 EAST MORGAN CITY, LOUISIANA 70380					G. State Facility's ID		
10. US EPA ID Number LA D 9 8 1 0 5 7 7 0 6					H. Facility's Phone (504) 631-3161		
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. HAZARDOUS WASTE, LIQUID H.O.S. ORM-E NA-9189					1	DM	G
b.							R
c.							R
d.							R
J. Additional Descriptions for Materials Listed Above A) WASTE INK GRD/PCP/8904382					K. Handling Codes for Wastes Listed Above RECYCLE / REUSE		
15. Special Handling Instructions and Additional Information WEAR GLOVES AND GOGGLES IF UNABLE TO DELIVER, RETURN TO 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 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 D. D. D. D.				Signature D. D. D. D.		Month Day Year 11/1/76	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name D. D. D. D.				Signature D. D. D. D.		Month Day Year 11/1/76	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature		Month Day Year	
19. Discrepancy Indication Space DEQ052235							
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name G. H. B. B.							
Signature G. H. B. B.				Month Day Year 11/1/76			

EPA Form 3520-22 (Rev. 8-82) WHITE - INFO GREEN - Generator YELLOW - Transporter 2 PINK - Transporter 1 GOLD - Generator 1

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US V. MSP
PRODUCED BY MSP 9/93
PROJECT 8
WASTE
MANIFEST

MSD054

2326 F

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DO NOT
PRODUCE BY MSP 9/93
REQUEST
Hazardous Waste
Manifest, RCRA

MSD054

2327 L

8914382

MCDS Document #

MATERIALS CHARACTERIZATION DATA SHEET

MSP CODE: GRD/FCP-890132

Generator Name Full Court Press
Facility Address 3510 E. Enterprise Dr.
City, State, Zip Phoenix AZ 85018
Technical Contact James A. Cleverger
Title Manager
Telephone NO. 714 632 6644 EXT. 999
Facility EPA ID # CAS 982 302 999

Bill To: GRAPHIC DISPOSAL
Address: 13621 ALONDRA BLVD.
City, State, Zip: SANTA FE SPRINGS, CA. 90670
Telephone #: (213) 921-8097
Company Contact: BILL BATTAGLIA
Container Size: 55 GAL STEEL
EPA Waste No. RCRA EXEMPT (CAL WASTE ONLY)
Generating Process PRINTING
Common Name of Waste INK
Rate of Generation 1x55 PER 90 DAYS
Volume In Storage 1x55 IN 55 GAL STEEL

CHEMICAL COMPOSITION (No Trade Name)

(Totals must add up to 100%)

ALKYD RESIN	15	%
PHENOLIC RESIN (SOLID)	20	%
MINERAL OIL	26	%
LINSEED OIL	16	%
POLYETHYLENE WAX	3	%
MANGANESE COBALT TALLATE	2	%
DRY PIGMENT	18	%

METALS (EP Toxicity Test, mg/l)

Arsenic (As)	.002	Silver (Ag)	.01
Barium (Ba)	1	Copper (Cu)	
Cadmium (Cd)	.005	Nickel (Ni)	
Chromium (Cr)	.05	Zinc (Zn)	
Lead (Pb)	.05		
Mercury (Hg)	.0002		
Selenium (Se)	.002		

INORGANICS (mg/l or ppm) *N/S-NONE-SUSPECTED

Total CN	N/S	Iodine	N/S
Free CN	N/S	Asbestos	
Sulfide	N/S		
Chloride	N/S		
Bisulfite	N/S		
Sulfite	N/S		
Sulfate	N/S		
Phosphate	N/S		
Fluorine	N/S		
Bromine	N/S		
Chlorine	N/S		

ORGANICS (mg/l or ppm)

Endrin	N/S	Organohalide	N/S
Methoxychlor	N/S	Mercaptans	N/S
Toxaphene	N/S		
2,4-D	N/S		
2,4,5-T	N/S		
Phenolics	N/S		
PCBs	N/S		
Dioxin	N/S		
TOC	N/S		

PHYSICAL DESCRIPTION

Physical State	☐ Liquid	☒ Semi-solid	☐ Solid
Phases/Layering	☐ Uni-Layer	☒ Bilayer	☐ Multilayer
Viscosity	☐ High	☒ Medium	☐ Low
Type of Solids	☐ Organic	☐ Inorganic	☐ Mixed
Total Solids (wt. %)	Suspended Solids (wt. %)		
BTU/lb 16,000	Ash Content 3	85% Water (by weight)	
Flash Point (°F) 280	Type		
Specific Gravity	Freezing Point (°C)		
Bolling Point (°C)	Vapor Pressure (mm Hg @ 24°C)		
pH (Avg) ORGANIC NEUTRAL	to		
Total Alkalinity/Acidity (%)			
Odor MILD			
Color BROWN			

HAZARDOUS PROPERTIES

☐ Water Reactive	☐ Reactive	☒ Explosive
☐ Shock Sensitive	☐ Pyrophoric	☐ Polymerizable
☐ Radioactive	☐ Pesticide Residuals	☐ Ignitable
☐ Corrosive	☐ Toxic Vapor	☐ Pathogen
☐ Biological	☐ Etiological	
☐ Other		

REQUIRED PERSONNEL PROTECTIVE EQUIPMENT AND PROCEDURES:

WEAR GLOVES & GOGGLES

PLEASE ATTACH ALL MATERIAL SAFETY DATA SHEETS, LOGISTIC SKETCHES, ANALYSIS REPORTS, HANDLING PRECAUTIONS, ADDITIONAL HAZARD SUPPORT INFORMATION, DATA & COMMENTS.

CERTIFICATION: I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exists, and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all the materials subject to the contract.

DATE

8-8-89

GENERATOR'S SIGNATURE

James A. Cleverger

MSP FORM 1044 (REV. 11/84)

DEQ052236