

Vista Chemical Company

15990 N. Barker's Landing Rd.
Post Office Box 19029

Houston, Texas 77224

JJH: JCL: TGG: RF

~~Conoco~~

February 5, 1985

Jim J. Hall
Manager, Biomedical
and Environmental

B. I. Raffle
Legal Department
Conoco Inc.
600 N. Dairy Ashford
Houston, TX 77079

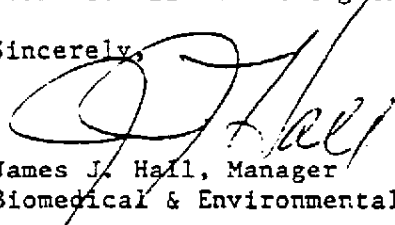
J. R. Cooper
Petrochemicals Department
E. I. du Pont de Nemours & Co.
Suite N9498
1007 Market Street
Wilmington, DE 19898

Gentlemen:

Attached is the information in our files relating to the amounts of PVC and cresylic acid sold to Chicago Magnet Wire as required by the January 23, 1984, letter from Lynn Worley, Assistant State's Attorney, Cook County, Illinois. Also attached are Conoco Chemicals Material Safety Data Sheets for PVC Compound and Conoco CA-514.

In addition, for your information, I am enclosing correspondence from our file involving Chicago Magnet Wire.

Sincerely,


James J. Hall, Manager
Biomedical & Environmental Affairs

ajo/002

Attachments

cc WLM, SKS, LLH, JWR
Chicago Magnet Wire file

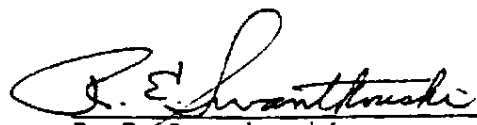
CCR 000005555

CHICAGO MAGNET WIRE PURCHASES FROM CONOCO CHEMICALS (M lbs)

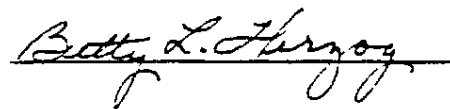
PVC COMPOUNDS

<u>PRODUCT</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>
35411 Nat.	139	197	-	-
35851 Nat.	648	462	1,257	629
34431 Nat.	-	2	2	-
38931 Nat.	-	34	-	-
38551 Nat.	-	2	16	-
38601 Nat.	-	42	-	-
Obsolete & Over Aged Compound	<u>-</u>	<u>36</u>	<u>50</u>	<u>-</u>
	787	775	1,325	629

I hereby certify that the above information is complete, true and accurate to the best of my knowledge and belief.


 R. E. Swantkowski
 Manager, Vista Polymers Marketing

Sworn to and subscribed before me this 5th day of
FEBRUARY, 1985.


 BETTY L. HERZOG
 Notary Public in and for the State of Texas
 My Commission Expires 9-16-86

CCR 000005556

CHICAGO MAGNET WIRE PURCHASES FROM CONOCO CHEMICALS (M lbs)

<u>PRODUCT</u>	<u>CRESYLIC ACID</u>			
	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>
CA-514	-	42	420	256

I hereby certify that the above information is complete, true and accurate to the best of my knowledge and belief.

L. L. Hoyt

L. L. Hoyt
Product Manager

Sworn to and subscribed before me this 5th day of
FEBRUARY, 1985.

Betty L. Herzog

BETTY L. HERZOG
Notary Public in and for the State of Texas
My Commission Expires 9-16-86

CCR 000005557



Conoco Chemicals Company
P.O. Box 19029
Houston, TX 77224

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

MANUFACTURER'S NAME	Conoco Chemicals Company		
ADDRESS	191 Doremus Avenue, Newark, NJ 07105		
TRADE NAME	Conoco CA-514		
SYNONYMS	Cresylic Acid		
REGULAR TELEPHONE NO.	(201) 344-3800	EMERGENCY TELEPHONE NO.	(318) 491-5142

2. HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT	%	HAZARD DATA
2/4, 2/3, 2/5 Xylenols and Trimethylphenols	≤ 28	
2,6 Xylenol	≤ 37	
o-Cresol	≤ 36	

3. PHYSICAL DATA

BOILING POINT (°F)	376-441	SPECIFIC GRAVITY (H ₂ O = 1)	1.028
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR = 1)		EVAPORATION RATE (Butyl Acetate = 1)	17
SOLUBILITY IN WATER	Trace	MELTING POINT	7°F
APPEARANCE AND ODOR	Sweet Tarry Odor; Liquid		

4. FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD)	210°F PM	AUTOIGNITION TEMPERATURE	
FLAMMABLE LIMITS IN AIR. % BY VOL.	LOWER		UPPER
EXTINGUISHING MEDIA	Water (fog or spray), foam, dry chemical, or CO ₂ .		
SPECIAL FIRE FIGHTING PROCEDURES	This product is combustible. Wear self-contained breathing apparatus and full protective clothing. Cool tank with water if exposed to fire.		
UNUSUAL FIRE AND EXPLOSION HAZARD	Emits toxic fumes when heated.		

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6. REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY

Not applicable.

INCOMPATIBILITY

Not applicable.

HAZARDOUS DECOMPOSITION PRODUCTS

Hydrogen chloride and other toxic fumes generated with combustion.

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION

Not applicable.

7. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Material should be picked up mechanically.

NEUTRALIZING CHEMICALS

WASTE DISPOSAL METHOD

This material can be sent to a sanitary landfill for disposal.

8. SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS

General ventilation for thermal processing and nuisance dust control.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY (SPECIFY IN DETAIL):

If dust is produced during handling, an approved air-purifying respirator should be used.

EYE: Chemical goggles.

GLOVES: Necessary when handling hot or molten resins.

OTHER CLOTHING AND EQUIPMENT:

CCR 000005559



Conoco Chemicals Company
P.O. Box 19029
Houston, TX 77224

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

MANUFACTURER'S NAME Conoco Chemicals Company

ADDRESS P.O. Box 91, Aberdeen, MS 39730

TRADE NAME Polyvinyl Chloride, PVC Compound

SYNONYMS Vinyl Polymers

REGULAR TELEPHONE NO. (601) 369-8111

EMERGENCY TELEPHONE NO. (318) 491-5142

2. HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT	%	HAZARD DATA
Less than 1.0 ppm residual vinyl chloride monomer. PVC compound may contain the following metal additives: Antimony ($\leq 2.0\%$); Lead ($\leq 4.0\%$ as stabilizer); Barium/Cadmium ($\leq 1.0\%$ as stabilizer). These products may contain one or more phthalate ester plasticizers in significant levels.		

3. PHYSICAL DATA

BOILING POINT ($^{\circ}\text{F}$)	Solid	SPECIFIC GRAVITY ($\text{H}_2\text{O} = 1$)	1.4
VAPOR PRESSURE (mm Hg.)	Solid	PERCENT VOLATILE BY VOLUME (%)	Negligible
VAPOR DENSITY (AIR = 1)	Solid	EVAPORATION RATE (_____ = 1)	Solid
SOLUBILITY IN WATER	None	MELTING POINT	
APPEARANCE AND ODOR	Pellets of varying size, hardness, and color.		

4. FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD)	Not applicable.		AUTOIGNITION TEMPERATURE	
FLAMMABLE LIMITS IN AIR. % BY VOL.	LOWER		UPPER	
EXTINGUISHING MEDIA	Water spray; CO_2 ; dry chemical CCR 000005560			
SPECIAL FIRE FIGHTING PROCEDURES	When fighting fires in confined spaces, self-contained breathing apparatus should be worn.			
UNUSUAL FIRE AND EXPLOSION HAZARD	PVC evolves hydrogen chloride, carbon monoxide, and other toxic gases when burned. Exposure to combustion products may be fatal and should be avoided.			

6. REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY

Not applicable.

INCOMPATIBILITY

Alkali metals.

HAZARDOUS DECOMPOSITION PRODUCTS

Not applicable.

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION

Should not occur.

7. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Ventilate area. Sawdust, vermiculite, or sand may be used to absorb the spill. Pick up mechanically. Use personal protective equipment as appropriate.

NEUTRALIZING CHEMICALS

2 - 5 percent solution of sodium hydroxide.

WASTE DISPOSAL METHOD

Biological oxidation landfill or incineration according to established federal procedures.

8. SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS

Ensure that ventilation is adequate to maintain concentration in air less than 5 ppm.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY (SPECIFY IN DETAIL):

Full face organic vapor cartridge or supplied air for high concentrations.

EYE: Chemical safety goggles or face shield with goggles.

GLOVES: Use rubber gloves to prevent skin contact.

OTHER CLOTHING AND EQUIPMENT:

Aprons, boots, etc. should be used where needed to prevent skin contact. Full slicker suit recommended where exposure is likely.

CCR 000005561