

F Form
Material Safety Data Sheet



Cover Sheet for Material Safety Data Sheet

Epoxy Resin and Polymercaptan Curing Agent

201Epoxy Merc.doc

Product: 120-277, A & B

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Common Name (Trade name and synonyms): Magnolia 120-277, A & B

Chemical Name: Epoxy Resin and Polymercaptan Curing Agent

Chemical Family: Epoxy; Polymercaptan

CAS Number: Mixture

Section 1: Hazardous Ingredients

<u>Component</u>	<u>%</u>	<u>ACGIH TLV</u>
A: Epoxy Resin with no established TLV	55-65	
Titanium Dioxide (dispersed in resin)	2-4	10 mg/m ³
B: Polymercaptan with no established TLV.	>95	

All ingredients are listed in the TSCA Inventory

Section 2: Physical and Chemical Characteristics

Boiling Point (°F):	>225°F	Specific Gravity (water=1):	1.40
Vapor Pressure (mm/Hg):	Nil	Volatiles (% by volume):	0
Vapor Density (Air=1):	>1	Evaporation Rate (BuAc=1):	>1
Solubility in Water:	Negligible		
Appearance & Odor:	A: White paste, characteristic odor B: Black paste; mercaptan odor		

Section 3: Fire and Explosion Data

Flash Point (test method): >200°F (PMCC)
Flammable Limits in Air Water spray, foam, CO₂ dry chemical

Special Fire Fighting Precautions/Procedures: Avoid breathing smoke. In confined areas, full fire fighting equipment including a NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

Unusual Fire and Explosion Hazards: None

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Section 4: Health Hazard Information

Threshold Limit value (TLV): Not established

ANSI Hazard Class: A: 4 B: 4

Signs and Symptoms of exposure:

Type of Exposure	Comp	
Acute Overexposure	A	Moderately irritating to skin and eyes. Possible skin sensitizer.
	B	Skin, eye and respiratory tract irritation. Skin sensitizer.
Chronic Overexposure	A	Pre-existing skin and eye disorders may be aggravated
	B	Unknown
Routes of Exposure		
Inhalation	A	Moderately toxic; may be harmful
	B	Vapors are irritating to the respiratory tract
Ingestion	A	Moderately toxic; may be harmful
	B	Moderate toxicity; may cause respiratory tract irritation
Skin Absorption	A	May be absorbed through the skin in toxic amounts
	B	Repeated or prolonged exposure may be harmful
Skin Contact	A	Moderately irritating; may cause skin sensitization
	B	May cause allergic reaction; may stain skin
Eye Contact	A	Moderately irritating; may cause allergic reaction
	B	Moderately irritating; permanent damage possible on prolonged exposure
Carcinogenicity: NTP	A	No
	B	No
IARC	A	No
	B	No
OSHA	A	No
	B	No

Section 5: Emergency and First Aid Procedures

Skin: Remove contaminated clothing. Wash from skin with soap and water. Launder clothing prior to re-using.

Eyes: Flush with water for 15 minutes while holding eyelids open

Inhalation: Remove victim to fresh air. Administer oxygen if **necessary**

Ingestion: Do not induce vomiting. Give large doses of water. Get medical attention.

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Section 6: Reactivity Data

Stability: Stable: X Unstable:
Conditions to Avoid: Elevated temperatures
Incompatibility (materials to avoid): Strong oxidizing agents, strong acids and bases
Hazardous Decomposition Products: Oxides of carbon and nitrogen
Hazardous Polymerization: May Occur: Will Not Occur: X
Conditions to Avoid: Large mixtures in bulk. Curing process is exothermic

Section 7: Spill and Leak Procedures:

Steps to be Taken if Material is Spilled or Released:

Avoid contact with liquid and vapors. Wipe with a cloth or collect on absorbent material. For large spills, dike and contain. Pump or shovel into salvage containers.

Waste Disposal Method:

Cure, then bury or incinerate. Remove salvage containers to a waste disposal site operating in compliance to federal, state and local regulations.

Section 8: Special Protection Information

Respiratory Protection (Specific Type):

For excessive vapors or to maintain below the TLV limit, NIOSH approved respirator in compliance to 29 CFR 1910.134.

Ventilation: Local Exhaust: Yes
Mechanical: Yes
Other: As required
Protective Gloves: Impervious rubber
Eye Protection: Splash-proof chemical goggles
Other Protective Equipment: For prolonged exposure, impervious clothing and Shoes to minimize personal contact. Eye wash Station; safety shower.

Section 9: SARA Title III Information

Section 302/304: Extremely Hazardous Substance

<u>Component</u>	<u>CAS #</u>	<u>%</u>	<u>RO (lbs)</u>	<u>TPO (lbs)</u>
None				

CERCLA Section 102 (a): Hazardous Substance

<u>Component</u>	<u>CAS #</u>	<u>%</u>	<u>RO (lbs)</u>
None			

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