

F Form  
**Material Safety Data Sheet**



**Cover Sheet for Material Safety Data Sheet (MSDS)**  
**Epoxy Resin and Aliphatic Amine Curing Agent**  
**201Epoxy Aliph.doc**

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# F Form Material Safety Data Sheet



Product: 110-462, A & B

Magnolia Plastics, Inc.  
5547 Peachtree Industrial Boulevard  
Chamblee, GA 30341  
Emergency Telephone: Day: 770-451-2777 Night: 800-457-4280  
Internet: <http://www.magnapoxy.com>

Common Name (Trade name and synonyms): Magnolia 110-462, A & B

Chemical Name: Epoxy Resin and Aliphatic Amine Curing Agent

Chemical Family: Epoxy; Amine

CAS Number: Mixture

## Section 1: Hazardous Ingredients

<u>Component</u>	<u>%</u>	<u>ACGIH TLV</u>
A. Epoxy Resin with no established TLV	40-50	
Titanium Dioxide (dispersed in resin)	<4	10 mg/m <sup>3</sup>
B: Diethylene Triamine (DETA)	10-20	1 ppm (skin)
Amines with no established TLV	70-80	
Hazards: Corrosive, irritant		
All ingredients are listed in the TSCA Inventory		

## Section 2: Physical and Chemical Characteristics

Boiling Point (°F):	>225°F	Specific Gravity(water=1):	1.37
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 viscous liquid		
	B: White viscous liquid; ammoniacal odor		

## Section 3: Fire and Explosion Data

Flash Point (test method): >200°F (PMCC)

Flammable Limits in Air (% by Volume):      **Lel:**      N/A      **Uel:**      N/A

Extinguishing Media: Water Spray, foam, CO<sub>2</sub>, dry chemical

Special Fire Fighting Precautions/Procedures: Avoid breathing smoke and vapors. In a confined area, use full fire fighting equipment including an 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	Vapors are irritating to skin and eyes
Chronic Overexposure	A	Pre-existing skin and eye disorders may be aggravated
	B	Unknown
<b>Routes of Exposure</b>		
Inhalation	A	Not likely to produce adverse effects due to low volatility
	B	Vapors are irritating to the skin and eyes
Ingestion	A	Low order of toxicity
	B	Moderate toxicity; may cause burns of mouth and throat
Skin Absorption	A	Not likely to 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 chemical burns and/ or develop allergic reaction
Eye Contact	A	Moderately irritating
	B	Moderately irritating; permanent damage possible on prolonged exposure
<b>Carcinogenicity</b>		
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-use.

**Eyes:** Flush with water for 15 minutes while holding the eyelids open. Get medical attention

**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 boots 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			

