

F Form  
**Material Safety Data Sheet**



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

Cl	Chg. Index	Date	Owner		Date	Name	Initials	Dept.	Doc. ID:	
	1.0	4/26/99	P. Doucette	Created	4/26/99	P. Doucette	PED	Quality	<b>F0201-03.doc</b>	
				Reviewed	4/27/99	P. Doucette	PED	Quality		
				Released	4/27/99	P. Doucette	PED	Quality		
Computer:		File: C:\ISO9000 Quality Management Manual\QM Forms\F0201-03 .doc								

# F Form Material Safety Data Sheet



Product: 65, A & B

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Emergency Telephone: Day: 770-451-2777 Night: 800-457-4280  
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Common Name (Trade name and synonyms): **Magnobond 65, A & B**

Chemical Name: **Epoxy Resin and Modified 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	60-70	
Titanium Dioxide (dispersed in resin)	<1	10 mg/m <sup>3</sup>
B: Amine with no established TLV	5-10	
Hazards: Corrosive, irritant		

All ingredients are listed in the TSCA Inventory

## Section 2: Physical and Chemical Characteristics

<b>Boiling Point (°F):</b>	>225°F	<b>Specific Gravity(water=1)</b>	1.40:
<b>Vapor Pressure (mm/Hg):</b>	Nil	<b>Volatiles (% by volume):</b>	0
<b>Vapor Density (Air=1):</b>	>1	<b>Evaporation Rate (BuAc =1)</b>	>1
<b>Solubility in Water:</b>	Negligible		
<b>Appearance &amp; Odor:</b>	<b>A</b> White paste		
	<b>B:</b> Black paste; mercaptan 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	Skin, eye and respiratory tract irritation
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 may cause irritation to the respiratory tract.
Ingestion	A	Low order of toxicity
	B	Moderate irritating to the respiratory tract
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			

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