

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 | F0201-03.doc | |
| | | | | 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: 121-146, 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): **Magnobond 121-146, 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 | >90 | |
| 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

| | | | |
|--------------------------------|--|-----------------------------------|-------|
| Boiling Point (°F): | >225°F | Specific Gravity(water=1) | 0.85: |
| 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 semi-paste; characteristic odor B: White 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, CO₂, 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

F Form Material Safety Data Sheet



Product: 121-146, A & B

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 |
| Routes of Exposure | | |
| 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 |
| 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-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.

F Form Material Safety Data Sheet



Product: 121-146, A & B

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 and sulfur
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 | | | |

