

F Form
Material Safety Data Sheet



Cover Sheet for Material Safety Data Sheet

Epoxy Resin

201Epoxy Resin.com

Product: 6170

CI	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	4/26/99	P. Doucette	PED	Quality		
				Released	4/27/99	P. Doucette	PED	Quality		
Computer:		File: C:\ISO9000 Quality Management Manual\F0201-03 .doc								

F Form Material Safety Data Sheet



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 6170**

Chemical Name: **Single Component Bismaleimide Adhesive**

Chemical Family: **Bismaleimide**

CAS Number: **Mixture**

Section 1: Hazardous Ingredients

<u>Component</u>	<u>%</u>	<u>ACGIH TLV</u>
N,N'-4,4'-Diphenylmethanebismaleimide	>50	
4,4'-Isopropylidenediphenol	1	
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):	1.14
Vapor Pressure (mm/Hg):	Nil	Volatiles (% by volume):	Negligible
Vapor Density (Air=1):	1	Evaporation Rate (BuAc=1):	1
Solubility in Water:	Negligible		
Appearance & Odor:	Tan slurry		

Section 3: Fire and Explosion Data

Flash Point (test method): >200°F (TCC)
Flammable Limits in Air (% by volume): Lel – N/A Uel – N/A

Extinguishing Media: Water spray, foam, dry chemical, CO₂

Special Fire Fighting Precaution/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 & Explosion Hazards: Decomposition and combustion products may be toxic.

Product: **6170**

Section 4: Health Hazard Information

F Form Material Safety Data Sheet



Threshold Limit value (TLV): Not established
ANSI Hazard Class: 4

Signs and Symptoms of exposure: Type of exposure	Signs and Symptoms of exposure
Acute Overexposure	Skin, eye and respiratory irritation. Allergic skin reactions evidenced by hives.
Chronic Overexposure	Pre-existing skin and allergy disorders may be aggravated. Chronic skin, eye and respiratory disorders may be aggravated.
Routes of Exposure	
Inhalation	May produce inhalable vapors
Ingestion	Moderate toxicity: may cause burns of skin and mouth
Skin Absorption	May be absorbed in toxic amounts
Skin Contact	Moderately irritating; may cause allergic skin reaction
Eye contact	Moderately to severe irritation. Permanent damage possible on prolonged or repeated exposure.
Carcinogenicity	
NTP	No
IARC	No
OSHA	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 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: 6170

Section 6: Reactivity Data

Stability: **Stable:** X **Unstable:**
Conditions to Avoid: Elevated temperatures
Incompatibility (materials to avoid): Strong oxidizing agents; strong Lewis acids; strong Mineral acids
Hazardous Decomposition Products: Oxides of carbon and nitrogen
Hazardous Polymerization: May Occur: **Will Not Occur:** X
Conditions to Avoid: Large quantities in bulk as curing process is exothermic

Section 7: Spill and Leak Procedures:

Avoid contact with liquids and vapors. Wipe with a cloth or collect on absorbent material.

Large spills: Dike and contain. Pump or shovel into salvage vessels.

Waste Disposal Method: Cure, then bury or incinerate where permitted by Federal, State or Local regulations. Remove salvage vessels to a waste disposal site operating in compliance with Federal, State and Local regulations.

Section 8: Special Protection Information

Respiratory Protection (specific type): For excessive vapors or to maintain below the TLV, a NIOSH approved respirator for organic vapors in compliance with 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 Clothing or 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>RQ (lbs)</u>	<u>TPQ (lbs)</u>
None				

CERCLA Section 102 (a): Hazardous Substance

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

F Form Material Safety Data Sheet



Product: 6170

Section 9: SARA Title III Information (continued):

Section 311: Hazardous Categorization

<u>Acute</u>	<u>Chronic</u>	<u>Fire</u>	<u>Pressure</u>	<u>Reactive</u>	<u>Non-Applicable</u>
X	X				

Section 313: Toxic Chemicals

<u>Component</u>	<u>CAS #</u>	<u>%</u>
4,4'-Isopropylidenediphenol	80-05-7	1

Section 10: Special Precautions

Warning Statements: FOR INDUSTRIAL USE ONLY!!
Corrosive. Eye and skin irritant. May cause sensitization and dermatitis.
Avoid contact with skin and clothing. Use with adequate ventilation. Use Good hygiene practices.

Precautions to be taken in Handling and Storage:
Store in a cool, dry area in tightly closed containers. Avoid contact with skin and eyes. Use with adequate ventilation. Use good hygiene practices.

Other Precautions:

RCRA Status: Not considered to be a hazardous waste
CERCLA: Not listed
DOT Class: Corrosive, Organic, Basic, UN 3267

Section 11: Miscellaneous

	<u>HMIS Rating</u>
Health:	3
Flammability:	1
Reactivity:	0

This Material Safety Data Sheet (MSDS) has been prepared in compliance with the federal OSHA Hazard Communication Standard 29 CFR 1919,1200. The information contained herein is based on data available to us and is believed to be accurate. However, Magnolia Plastics, Inc. makes no warranty expressed or implied concerning the accuracy of the information contained herein. It is the user's responsibility to determine the safety, toxicity and suitability of the product described herein. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist.

Original Date: 1/26/93 **Revision Date:** 9/12/01 **Revision Number:** 3