

F Form
Material Safety Data Sheet



Cover Sheet for Material Safety Data Sheet
Single Component Epoxy Resin
201SingleCompEepoxy.doc

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								

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Product: 105

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 105

Chemical Name: Single Component Epoxy

Chemical Family: Epoxy; Latent Catalyst

CAS Number: Mixture

Section 1: Hazardous Ingredients

<u>Component</u>	<u>%</u>	<u>ACGIH TLV</u>
Epoxy Resin with no established TLV	35-45	
Antimony Trioxide,ATO (dispersed in liquid) as Sb	<2	0.5 mg/m ³ (as dust)
Glass Microballoons (dispersed in liquid)	20-30	10 mg/m ³ (as dust)
Anhydride with no established TLV	30-40	

All ingredients are listed in the TSCA Inventory.

Section 2: Physical and Chemical Characteristics

Boiling Point (°F):	>225°F	Specific Gravity(water=1):	0.47
Vapor Pressure (mm/Hg):	Nil	Volatiles (% by volume):	0
Vapor Density (Air=1):	>1	Evaporation Rate (BuAc=1):	<1
Solubility in Water:	Insoluble; moisture will cause a chemical change.		
Appearance & Odor:	Blue semi-paste		

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	
<u>Extinguishing Media:</u>	Water spray, foam, dry chemical, CO ₂		

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: Cool fire exposed containers with water to avoid pressure buildup which could lead to container rupture

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Section 4: Health Hazard Information

Threshold Limit value (TLV): Not established

ANSI Hazard Class: 4

Signs and Symptoms of exposure: Type of exposure	Signs and Symtopms of exposure
Acute Overexposure	Moderately irritating to the skin and eyes; possible skin sensitizer; may cause dizziness or depression
Chronic Overexposure	Pre-existing skin, eye and respiratory tract disorders may be aggravated
Routes of Exposure	
Inhalation	May produce irritation to the nose, throat and respiratory tract
Ingestion	Moderate toxicity: may be harmful
Skin Absorption	May be absorbed through the skin in toxic amounts
Skin Contact	Moderately irritating; may cause skin sensitization and dermatitis
Eye contact	Moderately irritating; high vapor concentrations may be irritating
Carcinogenicity	
NTP	Contains ATO
IARC	Contains ATO
OSHA	Contains ATO

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.

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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					

Section 313: Toxic Chemicals

<u>Component</u>	<u>CAS #</u>	<u>%</u>
Antimony Trioxide, ATO	1309-64-4	<2

Section 10: Special Precautions

Warning Statements: **For Industrial Use Only!**
May cause skin irritation. Possible skin sensitizer. Avoid contact with eyes.

Precautions to be taken in Handling and Storage:
Store in a cool, dry area at 40°F or below in tightly closed containers. Avoid contact with skin and eyes. Use with adequate ventilation and good hygiene practices.

Other Precautions:

RCRA Status:	Not considered to be a hazardous waste
CERCLA:	Not listed
DOT Class:	Not regulated

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: 3/26/97 **Revision Date:** 12/14/01 **Revision Number:** 2