

**F Form
Material Safety Data Sheet**



Cover Sheet for Material Safety Data Sheet

Epoxy Resin

201Epoxy Resin.com

Product: 87D

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Common Name (Trade name and synonyms): **Magnolia 87D**

Chemical Name: Neopentyl Glycol Diglycidyl Ether

Chemical Family: Aliphatic Glycidyl Ether

CAS Number: 17557-23-2

Section 1: Hazardous Ingredients

<u>Component</u>	<u>%</u>	<u>ACGIH TLV</u>
Aliphatic Glycidyl Ether with no established TLV	100	

Listed in the TSCA Inventory.

Section 2: Physical and Chemical Characteristics

Boiling Point (°F):	>225°F	Specific Gravity (water=1):	1.07
Vapor Pressure (mm/Hg):	<1	Volatiles (% by volume):	0
Vapor Density (Air=1):	>1	Evaporation Rate (BuAc=1):	<1
Solubility in Water:	Negligible		
Appearance & Odor:	Colorless, mobile liquid; irritating 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, 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. Use butyl rubber boots, gloves and body suit. Cool fire exposed containers with water

Unusual Fire & Explosion Hazards: May generate toxic or irritating combustion products and carbon monoxide gas.

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Section 4: Health Hazard Information

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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	Moderately irritating to the skin and eyes
Chronic Overexposure	Pre-existing skin and eye disorders may be aggravated
Routes of Exposure	
Inhalation	May cause irritation in the respiratory tract.
Ingestion	Moderate toxicity: may be harmful.
Skin Absorption	Not likely to be absorbed in toxic amounts
Skin Contact	Moderately irritating; may cause skin sensitization..
Eye contact	Moderately irritating
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.

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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>
None		

Section 10: Special Precautions

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

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:	Not regulated

Section 11: Miscellaneous

	<u>HMIS Rating</u>
Health:	2
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: 3/15/01 **Revision Date:** **Revision Number:**