

**F Form
Material Safety Data Sheet**



Cover Sheet for Material Safety Data Sheet

Epoxy Resin

201Epoxy Resin.com

Product: 1012

CI	Chg. Index	Date	Owner		Date	Name	Initials	Dept.	Doc. ID:	
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F Form Material Safety Data Sheet



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Common Name (Trade name and synonyms): **Compound 1012**

Chemical Name: Epoxy Resin

Chemical Family: Epoxy

CAS Number: Mixture

Section 1: Hazardous Ingredients

<u>Component</u>	<u>%</u>	<u>ACGIH TLV</u>
Epoxy Resin with no established TLV	35-45	
Butyl Glycidyl Ether (BGE)	<5	25 ppm
Dibutyl Phthalate (DBP)	<2	5 mg/m ³
Aromatic Alcohol	<5	10 ppm (skin)
Aluminum Powder (dispersed in resin)	35-45	5 mg/m ³ (as dust)
All ingredients are listed in the TSCA Inventory.		

Section 2: Physical and Chemical Characteristics

Boiling Point (°F):	>225°F	Specific Gravity(water=1):	1.70
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:	Gray viscous liquid; ether odor		

Section 3: Fire and Explosion Data

Flash Point (test method): 173F (PMCC) - BGE
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: None

Product: 1012

F Form Material Safety Data Sheet



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 Symptoms of exposure
<i>Acute Overexposure</i>	<i>Moderately irritating to the skin and eyes</i>
<i>Chronic Overexposure</i>	Pre-existing skin and eye disorders may be aggravated
Routes of Exposure	
<i>Inhalation</i>	Not likely to produce adverse effects due to low volatility
<i>Ingestion</i>	Moderate toxicity: may be harmful
<i>Skin Absorption</i>	Not likely to be absorbed in toxic amounts
<i>Skin Contact</i>	Moderately irritating; may cause skin sensitization
<i>Eye contact</i>	Moderately irritating; may cause permanent damage on prolonged exposure.
Carcinogenicity	
<i>NTP</i>	No
<i>IARC</i>	No
<i>OSHA</i>	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: 1012

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>
Dibutyl Phthalate	84-74-2	<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 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 in containers <119 gallons
Combustible, N. O. S., in containers >119 gallons (BGE)

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.

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