

F Form
Material Safety Data Sheet



**Cover Sheet for Material Safety
 Data Sheet (MSDS)**

Product: 120-242

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Emergency Telephone: Day: 770-451-2777 Night: 800-457-4280
Website: <http://www.magnapoxy.com>

Common Name (Trade name and synonyms): Magnolia 120-242

Chemical Name: Epoxy Resin _____

Chemical Family: Epoxy _____

CAS Number: Mixture _____

Section 1: Hazardous Ingredients

Component	%	ACGIH TLV	
Epoxy Resin with no established TLV	>95		
Epichlorohydrin (ECH)	<5 ppm	0.5 ppm (skin)	
Butyl Glycidyl Ether (BGE)	10-15	25 ppm	
Red Pigment (dispersed in resin)	As cadmium	<0.5	0.01 mg/ m ³
	As selenium	<0.4	0.05 mg/ m ³
	As barium sulfate	<1.8	10 mg/ m ³

All ingredients are listed in the TSCA Inventory.

Section 2: Physical and Chemical Characteristics

Boiling Point (°F): >225°F **Specific Gravity**(water=1): 1.10
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: Red liquid; characteristic odor

All ingredients are listed in the TSCSA Inventory.

Section 3: Fire and Explosion Data

Flash Point: (test method): 173°F (Setaflash)

Flammable Limits in Air (% by volume): Lel – N/A Uel – N/A

Extinguishing Media: Water dspray, foam, dry chemical. CO₂

Special Fire Fighting Precautions/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.

Special Fire Fighting Precautions/Procedures: None

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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 Symptoms of exposure
<i>Acute Overexposure</i>	Severely irritating to skin and eyes. Possible skin sensitizer.
<i>Chronic Overexposure</i>	Pre-existing skin and eye disorders may be aggravated
Routes of Exposure	
<i>Inhalation</i>	May cause irritation to skin, eyes and throat.
<i>Ingestion</i>	Moderate toxicity: may be harmful
<i>Skin Absorption</i>	May be absorbed in toxic amounts
<i>Skin Contact</i>	Severely irritating; may cause skin sensitization
<i>Eye contact</i>	Severely irritating
Carcinogenicity	
NTP	Contains cadmium compound
IARC	Contains cadmium compound
OSHA	Contains cadmium compound

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 311: Hazardous Categorization

Acute Chronic Fire Pressure Reactive Non-Applicable
X

Section 313: Toxic Chemicals

<u>Component</u>	<u>CAS #</u>	<u>%</u>
Epichlorohydrin	106-89-8	<5 ppm
Cadmium	7440-43-9	<0.5
Selenium	7782-49-2	<0.4

Section 10: Special Precautions

Warning Statements: For Industrial Use Only! Combustible Liquid!
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: Combustible Liquid, N. O. S.

Section 11: Miscellaneous

	<u>HMIS Rating</u>
Health:	2
Flammability:	2
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: 4/27/99 **Revision Date:** **Revision Number:**