

F Form  
**Material Safety Data Sheet**



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

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# F Form Material Safety Data Sheet



**Product:** 124-163

**Magnolia Plastics, Inc.**  
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Emergency Telephone: Day: 770-451-2777 Night: 800-457-4280  
Internet: <http://www.magnapoxy.com>

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**Common Name** (Trade name and synonyms): **Magnolia 124-163**

**Chemical Name:** **Single Component Epoxy**

**Chemical Family:** **Epoxy; Latent Catalyst**

**CAS Number:** **Mixture**

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### **Section 1: Hazardous Ingredients**

<b><u>Component</u></b>	<b><u>%</u></b>	<b><u>ACGIH TLV</u></b>
Epoxy Resins with no established TLV	60-70	
Silica Powder (dispersed in resin)	30-40	0.1 mg/m <sup>3</sup> (as respirable dust)

All ingredients are listed in the TSCA Inventory.

### **Section 2: Physical and Chemical Characteristics**

<b>Boiling Point (°F):</b>	>225°F	<b>Specific Gravity(water=1):</b>	1.53
<b>Vapor Pressure (mm/Hg):</b>	Nil	<b>Volatiles (% by volume):</b>	0
<b>Vapor Density (Air=1):</b>	>1	<b>Evaporation Rate (BuAc=1):</b>	<1
<b>Solubility in Water:</b>	Negligible		
<b>Appearance &amp; Odor:</b>	Green 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  
**Extinguishing Media:** Water spray, foam, dry chemical, CO<sub>2</sub>

**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:** Store at 40°F or below in tightly closed containers in a dry area. Keep away from all heat sources, hot equipment and direct sunlight.

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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	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>
Silica (as restorable dust)	14808-60-7	30-40

**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>
<b>Health</b>	3
<b>Flammability:</b>	1
<b>Reactivity:</b>	1

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:** 1/31/01 **Revision Date:** **Revision Number:**