

F Form  
**Material Safety Data Sheet**



**Cover Sheet for Material Safety Data Sheet**

**Epoxy Resin**

**201Mod Epoxy Resin.doc**

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# F Form Material Safety Data Sheet



**Product:** 2004

**Magnolia Plastics, Inc.**  
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**Common Name** (Trade name and synonyms): **Compound 2004**

**Chemical Name:** **Modified Epoxy Resin**

**Chemical Family:** **Epoxy**

**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 Resin with no established TLV	50-60	
Epichlorohydrin	<3 ppm	0.5 ppm (skin)
Butyl Glycidyl Ether (BGE)	5-10	25 ppm
Graphite (dispersed in resin)	2-4	2 mg/m <sup>3</sup>
Calcium Carbonate (dispersed in resin)	35-45	10 mg/m <sup>3</sup>

All ingredients are listed in the TSCA Inventory.

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

<b>Boiling Point</b> (°F):	>225°F	<b>Specific Gravity</b> (water=1):	1.60
<b>Vapor Pressure</b> (mm/Hg):	Nil	<b>Volatiles</b> (% by volume):	0
<b>Vapor Density</b> (Air=1):	>1	<b>Evaporation Rate</b> (BuAc=1):	<1
<b>Solubility in Water:</b>	Negligible		
<b>Appearance &amp; Odor:</b>	Black liquid; ether odor (also available in white)		

### **Section 3: Fire and Explosion Data**

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

**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**

<b>Signs and Symptoms of exposure:Type of exposure</b>	<b>Signs and Symtopms of exposure</b>
Acute Overexposure	Severely irritating to the skin and eyes possible skin sensitization
Chronic Overexposure	Pre-existing skin and eye disorders may be aggravated
<b>Routes of Exposure</b>	
Inhalation	May cause irritation to skin, eyes and throat
Ingestion	Moderately toxic: may be harmful
Skin Absorption	May be absorbed in toxic amounts
Skin Contact	Severely irritating; may cause skin sensitization
Eye contact	Severely irritating
<b>Carcinogenicity</b>	
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	X	X			

**Section 313: Toxic Chemicals**

<u>Component</u>	<u>CAS #</u>	<u>%</u>
Epichlorohydrin	106-89-8	<3 ppm

**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:**                            Combustible Liquid, N. O. S. in containers rated > 119 gallons  
Not listed in containers rated < 119 gallons

**Section 11: Miscellaneous**

**HMIS Rating**

<b>Health:</b>	<b>2</b>
<b>Flammability:</b>	<b>2</b>
<b>Reactivity:</b>	<b>0</b>

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: 11/20/85    Revision Date: 1/19/00                      Revision Number: 7**

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