

**F Form  
Material Safety Data Sheet**



**Cover Sheet for Material Safety Data Sheet**

**Epoxy Resin**

**201Epoxy Resin.com**

**Product: 1028**

CI	Chg. Index	Date	Owner		Date	Name	Initials	Dept.	Doc. ID:	
	1.0	4/26/99	P. Doucette	Created	4/26/99	P. Doucette	PED	Quality	<b>F0201-03.doc</b>	
				Reviewed	4/26/99	P. Doucette	PED	Quality		
				Released	4/27/99	P. Doucette	PED	Quality		
Computer:		File: C:\ISO9000 Quality Management Manual\F0201-03 .doc								

# F Form Material Safety Data Sheet



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**Common Name** (Trade name and synonyms): **Magnolia 1028**

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

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

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

## **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	30-40	
Butyl Glycidyl Ether (BGE)	<1.5	25 ppm
Furfuryl Alcohol	<1	10 ppm (skin)
Aluminum Powder (dispersed in resin)	25-35	10 mg/m <sup>3</sup>
Aluminum Oxide (dispersed in resin)	15-25	10 mg/m <sup>3</sup>
Phenol	<2	5 ppm (skin)

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):	1.80
<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>	Gray viscous liquid		

## **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:** 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>	<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
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.



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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				

### **Section 313: Toxic Chemicals**

<u>Component</u>	<u>CAS #</u>	<u>%</u>
Phenol	108-95-2	<2
Aluminum Oxide (as dust)	1344-28-1	15-25
Aluminum Powder (as dust)	7429-90.5	25-35

## **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 (Phenol: U188)  
**CERCLA:** Not listed (Phenol: 1000 pounds)  
**DOT Class:** Not regulated

## **Section 11: Miscellaneous**

### **HMIS Rating**

<b>Health:</b>	<b>3</b>
<b>Flammability:</b>	<b>1</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: 8/9/85**

**Revision Date: 8/1/00**

**Revision Number: 4**