

F Form  
**Material Safety Data Sheet**



**Cover Sheet for Material Safety Data Sheet**

**Epoxy Resin**

**201Epoxy Resin.com**

**Product: 125-359**

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



**Magnolia Plastics, Inc.**  
5547 Peachtree Industrial Boulevard  
Chamblee, GA 30341  
Emergency Telephone: Day: 770-451-2777 Night: 800-457-4280  
Internet: <http://www.magnapoxy.com>

**Common Name** (Trade name and synonyms): **Magnolia 125-359**

**Chemical Name:** **Thermoplastic Rubber Solution**

**Chemical Family:** **Styrene-Butadiene-Styrene Copolymer**

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

## Section 1: Hazardous Ingredients

<u>Component</u>	<u>%</u>	<u>ACGIH TLV</u>
Talc dispersed in liquid (containing no asbestos fibers)	<0.5	2 mg/m <sup>3</sup>
Toluene	75-85	50 ppm

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):	1.00
<b>Vapor Pressure</b> (mm/Hg):	47 @ 68°F	<b>Volatiles</b> (% by volume):	80
<b>Vapor Density</b> (Air=1):	22.0 @ 68°F	<b>Evaporation Rate</b> (BuAc=1):	2.4
<b>Solubility in Water:</b>	0.05% @ 77°F		
<b>Appearance &amp; Odor:</b>	Clear liquid; aromatic odor		

## Section 3: Fire and Explosion Data

**Flash Point (test method):** 40°F (PMCC) Toluene

**Flammable Limits in Air (% by volume):** Lel – 1.4 Uel – 7.4

**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:** Extremely flammable. Vapor accumulation could flash and/or explode if in contact with an open flame.

**Product:** **125-359**

## Section 4: Health Hazard Information

# F Form Material Safety Data Sheet



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. Respiratory tract irritation, dizziness, nausea, and unconsciousness.
Routes of Exposure	
<i>Inhalation</i>	Respiratory tract irritation
<i>Ingestion</i>	Moderate toxicity;: may cause pulmonary injury
<i>Skin Absorption</i>	May 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.

# F Form Material Safety Data Sheet



**Product:** 125-359

---

**Section 6: Reactivity Data**

**Stability:** **Stable:** X **Unstable:**  
**Conditions to Avoid:** Elevated temperatures  
**Incompatibility (materials to avoid):** Strong oxidizing agents; strong Lewis acids; strong Mineral acids  
**Hazardous Decomposition Products:** CO, anhydrides, acids, aldehydes, ketones.

**Hazardous Polymerization: May Occur:** **Will Not Occur:** X  
**Conditions to Avoid:** Reaction with some curing agents in bulk is exothermic

**Section 7: Spill and Leak Procedures:** Flammable. Eliminate all sources of ignition. Avoid contact with liquids and vapors. Wipe with a cloth or collect on absorbent material. Prevent liquid from entering sewers, watercourses or low areas.

**Large spills:** Dike and contain. Pump or shovel into salvage vessels.

**Waste Disposal Method:** Cure, then bury or incinerate where permitted by Federal, State or Local regulations. Remove salvage vessels to a waste disposal site operating in compliance with Federal, State and Local regulations.

**Section 8: Special Protection Information**

**Respiratory Protection (specific type):** For excessive vapors or to maintain below the TLV, a NIOSH approved respirator for organic vapors in compliance with 29 CFR 1910-134.

**Ventilation:** **Local Exhaust:** Yes  
**Mechanical:** Yes  
**Other:** As required

**Protective Gloves:** Impervious rubber  
**Eye Protection:** Splash proof chemical goggles

**Other Protective Clothing or Equipment:** For prolonged exposure, impervious clothing and boots to minimize personal contact. Eye wash station. Safety shower.

**Section 9: SARA Title III Information**

**Section 302/304: Extremely Hazardous Substance**

<u>Component</u>	<u>CAS #</u>	<u>%</u>	<u>RQ (lbs)</u>	<u>TPQ (lbs)</u>
None				

**CERCLA Section 102 (a): Hazardous Substance**

<u>Component</u>	<u>CAS #</u>	<u>%</u>	<u>RQ (lbs)</u>
Toluene	108-88-3	75-85	1000

# F Form Material Safety Data Sheet



**Product:** 125-359

---

## **Section 9: SARA Title III Information (continued):**

### **Section 311: Hazardous Categorization**

<u>Acute</u> X	<u>Chronic</u> X	<u>Fire</u> X	<u>Pressure</u>	<u>Reactive</u>	<u>Non-Applicable</u>
-------------------	---------------------	------------------	-----------------	-----------------	-----------------------

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

<u>Component</u> Toluene	<u>CAS #</u> 108-88-3	<u>%</u> 75-85
-----------------------------	--------------------------	-------------------

## **Section 10: Special Precautions**

**Warning Statements:** **Flammable Liquid!** For Industrial Use Only!  
May cause skin irritation. Possible skin sensitizer. Avoid contact with eyes. Keep away from all possible sources of ignition.

**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. Keep away from all possible sources of ignition.

### **Other Precautions:**

<b>RCRA Status:</b>	Not considered to be a hazardous waste
<b>CERCLA:</b>	Toluene, 1000 pounds, U220
<b>DOT Class:</b>	Flammable Liquid, N. O. S., UN 1993

## **Section 11: Miscellaneous**

	<u>HMIS Rating</u>	<u>NFPA Rating</u>
<b>Health:</b>	2	2
<b>Flammability:</b>	3	3
<b>Reactivity:</b>	0	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:** 11/27/01    **Revision Date:**                      **Revision Number:**