

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:** 3349

**Magnolia Plastics, Inc.**  
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Internet: <http://www.magnapoxy.com>

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**Common Name** (Trade name and synonyms): **Magnobond 3349**

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

**Chemical Family:** **Epoxy; Anhydride**

**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	
Hazards: Irritant, possible sensitizer		
Phthalic Anhydride, PA	<5	1 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):	1.15
<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>	Insoluble, but anhydride portion may hydrolyze to a diacid In the presence of moisture		
<b>Appearance &amp; Odor:</b>	Amber liquid; characteristic odor		

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

<b>Flash Point</b> (test method):	>200°F (PMCC)		
<b>Flammable Limits in Air</b> (% by volume):	Lel – N/A	Uel – N/A	
<b><u>Extinguishing Media:</u></b>	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:** Cool fire exposed containers with water to avoid pressure buildup which could lead to container rupture

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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
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	Low Order of toxicity
Skin Absorption	Not likely to be absorbed through the skin in toxic amounts
Skin Contact	Moderately irritating; may cause skin sensitization and dermatitis
Eye contact	Moderately irritating
Carcinogenicity	
NTP	Contains PA
IARC	Contains PA
OSHA	Contains PA

## 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>
Phthalic Anhydride, PA	85-44-9	<5

**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:**

<b>RCRA Status:</b>	Not considered to be a hazardous waste
<b>CERCLA:</b>	Not listed (Phthalic Anhydride – U190)
<b>DOT Class:</b>	Not regulated

**Section 11: Miscellaneous**

	<u>HMIS Rating</u>
<b>Health:</b>	3
<b>Flammability:</b>	1
<b>Reactivity:</b>	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.

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