

F Form
Material Safety Data Sheet



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

CI	Chg. Index	Date	Owner		Date	Name	Initials	Dept.	Doc. ID: F0201-03.doc	
	1.0	4/26/99	P. Doucette	Created	4/26/99	P. Doucette	PED	Quality		
				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



Product: 3861 Blue

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): **Magnobond 3861 Blue**

Chemical Name: **Single Component Epoxy Resin Coating**

Chemical Family: **Epoxy; Latent Catalyst**

CAS Number: **Mixture**

Section 1: Hazardous Ingredients

<u>Component</u>	<u>%</u>	<u>ACGIH TLV</u>
Epoxy resin with no established TLV	20-25	
Ethanol	<2	1000 ppm
n-Butyl Alcohol	<12	100 ppm
Methyl Isobutyl Ketone (MIBK)	<12	50 ppm
Toluene	<28	50 ppm

Hazards: Flammable, irritant, possible sensitizer
All ingredients are listed in the TSCA Inventory.

Section 2: Physical and Chemical Characteristics

Boiling Point (°F): 170°F	Specific Gravity(water=1): 1.25
Vapor Pressure (mm/Hg): 56	Volatiles (% by volume): 58-62
Vapor Density (Air=1): >1	Evaporation Rate (BuAc=1): <1
Solubility in Water: Moderate	
Appearance & Odor: Blue Liquid	

Section 3: Fire and Explosion Data

Flash Point (test method): 91°F (TCC)
Flammable Limits in Air (% by volume): Lel – 1.0 Uel – 6.5
Extinguishing Media: Foam, dry chemical, CO₂

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: Vapors are heavier than water and may travel along the ground or moved by a ventilation system. Keep away from all sources of ignition.

F Form Material Safety Data Sheet



Product: 3861 Blue

Section 4: Health Hazard Information

Threshold Limit value (TLV): Not established

ANSI Hazard Class: 3

Signs and Symptoms of exposure:Type of exposure	Signs and Symtopms of exposure
Acute Overexposure	Irritation, headache, nausea, dizziness
Chronic Overexposure	Anemia, liver abnormalities, kidney and eye damage and cardiac abnormality.
Routes of Exposure	
Inhalation	Irritating to mucuous membranes, dizziness, headache, nausea
Ingestion	Gastrointestinal irritation
Skin Absorption	May be absorbed ithrough the skin in toxic amounts
Skin Contact	Moderately irritating; may cause skin sensitization and dermatitis
Eye contact	Irritant; may cause redness, tearing and/or blurred vision
Carcinogenicity	
NTP	Yes
IARC	Yes
OSHA	Yes

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: 3961 Blue

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>
n-Butyl Alcohol	71-36-3	<12
Methyl Isobutyl Ketone	108-10-1	<12
Toluene	108-88-3	<28

Section 10: Special Precautions

Warning Statements: For Industrial Use Only! FLAMMABLE LIQUID!!
May cause skin irritation. Possible skin sensitizer. Avoid contact with eyes. Keep away from all sources of ignition and direct sunlight.

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. Keep away from all sources of ignition **And direct sunlight. Use with adequate ventilation. Use good Hygiene practices.**

Other Precautions:

RCRA Status: Not considered to be a hazardous waste
CERCLA: D001
DOT Class: Flammable Liquid, UN 1993

Section 11: Miscellaneous

	<u>HMIS Rating</u>
Health	4
Flammability:	2
Reactivity:	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: 7/4/84 Revision Date: 1/18/00 Revision Number: 1