

F Form
Material Safety Data Sheet



Cover Sheet for Material Safety Data Sheet
Single Component Epoxy Resin
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Product: 123 Thinner

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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 123 Thinner

Chemical Name: Primer 123 Thinner Solvent Blend

Chemical Family: Aliphatic Ketone: Aromatic Hydrocarbon

CAS Number: Mixture

Section 1: Hazardous Ingredients

<u>Component</u>	<u>%</u>	<u>ACGIH TLV</u>
Acetone	<50	500 ppm
Toluene	<50	50 ppm

All ingredients are listed in the TSCA Inventory.

Section 2: Physical and Chemical Characteristics

Boiling Point (°F):	175°F	Specific Gravity(water=1):	0.83
Vapor Pressure (mm/Hg):	80	Volatiles (% by volume):	>90
Vapor Density (Air=1):	2.5	Evaporation Rate (BuAc=1):	5.0
Solubility in Water:	Negligible		
Appearance & Odor:	Clear Liquid		

Section 3: Fire and Explosion Data

Flash Point (test method): 15°F (PMCC)
Flammable Limits in Air (% by volume): Lel – 2.5 Uel – 13.0
Extinguishing Media: Water spray, 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

Unusual Fire & Explosion Hazards: Keep away from all possible sources of ignition. Cool fire exposed containers with water to avoid pressure buildup which could lead to container rupture. Vapors re heavier than air and may travel along the ground or moved by ventilation All five gallon metal containers or larger should be grounded when material is transferred.

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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 Symtopms of exposure
Acute Overexposure	Severely irritating to the skin and eyes; possible skin sensitizer; may cause dizziness or depression. Inhalation and ingestion may cause nausea or other disorders.
Chronic Overexposure	Pre-existing skin, eye and respiratory tract disorders may be aggravated In laboratory animals, liver abnormalities, kidney, lung and brain.
Routes of Exposure	
Inhalation	May produce irritation to the nose, throat and respiratory tract, vomiting and headache.
Ingestion	Moderate toxicity: may be harmful to mouth, throat, may cause vomiting, nausea and gastrointestinal irritation.
Skin Absorption	May be absorbed through the skin in toxic amounts
Skin Contact	Severely irritating; may cause skin sensitization and dermatitis
Eye contact	Severely irritating with redness, swelling, tearing and blurred vision.
Carcinogenicity	
NTP	Contains toluene
IARC	Contains toluene
OSHA	Contains toluene

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>
Toluene	105-88-3	<50

Section 10: Special Precautions

Warning Statements: Flammable! For Industrial Use Only!

Keep away from all sources of ignition, even empty metal containers. All Metal containers should be grounded before transferring material.

Precautions to be taken in Handling and Storage:

Store in a cool, dry area in tightly closed containers away from all sources of ignition. Ground container when transferring material. Avoid contact

with

skin and eyes. Use with adequate ventilation and use good hygiene practices.

Other Precautions:

RCRA Status:	D001, Ignitable waste
CERCLA:	See Section 9, CERCLA
DOT Class:	Flammable Liquid Solution, UN 1993

Section 11: Miscellaneous

	HMIS Rating
Health:	2
Flammability:	3
Reactivity:	0
Personal Protection:	X

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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