

F Form
Material Safety Data Sheet



Cover Sheet for Material Safety Data Sheet
Epoxy Resin and Aromatic Amine Curing Agent
201EpoxyArom.doc

Product: 124-263/360L

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Chamblee, GA 30341
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Common Name (Trade name and synonyms): **Magnolia 124-263 with Curing Agent 360L**

Chemical Name: **Epoxy Resin and Aromatic Amine Curing Agent**

Chemical Family: **Epoxy; Amine**

CAS Number: **Mixture**

Section 1: Hazardous Ingredients

<u>Component</u>	<u>%</u>	<u>ACGIH TLV</u>
124-263: Epoxy Resins with no established TLV	>90	0.1 ppm (skin)
CA 360L: 4,4' Methlene Dianiline (MDA)	<60	
Amine with no established TLV	>40	

All ingredients are listed in the TSCA Index.

Section 2: Physical and Chemical Characteristics

Boiling Point (°F):	>225°F	Specific Gravity (water=1):	1.15
Vapor Pressure (mm/Hg):	Nil	Volatiles (% by volume):	0
Vapor Density (Air=1):	>1	Evaporation Rate (BuAc=1):	>1
Solubility in Water:	Negligible		
Appearance & Odor:	124-263:: Black liquid; characteristic odor 360L: Brown viscous liquid; ammoniacal odor		

Section 3: Fire and Explosion Data

Flash Point (test method): >200°F (PMCC)
Flammable Limits in Air Water spray, foam, CO₂, dry chemical

Special Fire Fighting Precautions/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 and Explosion Hazards: None

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Section 4: Health Hazard Information

Threshold Limit value (TLV): Not established
ANSI Hazard Class: 124-263: 4 360L: 6
Signs and Symptoms of exposure:

Type of Exposure	Comp	
Acute Overexposure	124-263	Moderately irritating to skin and eyes. Possible skin sensitizer.
	360L	Skin and eye irritation. Skin sensitizer.
Chronic Overexposure	124-263	Pre-existing skin and eye disorders may be aggravated
	360L	Eye irritation; skin rashes; pre-existing liver and kidney conditions
Routes of Exposure		
Inhalation	124-263	Moderately toxic; may be harmful
	360L	Vapors are irritating to the skin, eyes and respiratory tract
Ingestion	124-263	Moderately toxic; may be harmful
	360L	Moderate toxicity; may cause respiratory tract irritation
Skin Absorption	124-263	May be absorbed through the skin in toxic amounts
	360L	May cause allergic reaction
Skin Contact	124-263	Moderately irritating; may cause skin sensitization
	360L	May cause allergic reaction; may stain skin
Eye Contact	124-263	Moderately irritating; may cause sensitization
	360L	Moderately irritating; permanent damage possible on prolonged exposure
Carcinogenicity		
NTP	124-263	No
	360L	Contains MDA
IARC	124-263	No
	360L	Contains MDA
OSHA	124-263	No
	360L	Contains MDA

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

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 6: Reactivity Data

Stability: Stable: X Unstable:
Conditions to Avoid: Elevated temperatures
Incompatibility (materials to avoid): Strong oxidizing agents, strong acids and bases
Hazardous Decomposition Products: Oxides of carbon and nitrogen
Hazardous Polymerization: May Occur: Will Not Occur: X
Conditions to Avoid: Large mixtures in bulk. Curing process is exothermic

Section 7: Spill and Leak Procedures:

Steps to be Taken if Material is Spilled or Released:

Avoid contact with liquid and vapors. Wipe with a cloth or collect on absorbent material. For large spills, dike and contain. Pump or shovel into salvage containers.

Waste Disposal Method:

Cure, then bury or incinerate. Remove salvage containers to a waste disposal site operating in compliance to federal, state and local regulations.

Section 8: Special Protection Information

Respiratory Protection (Specific Type):

For excessive vapors or to maintain below the TLV limit, NIOSH approved respirator in compliance to 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 Equipment: For prolonged exposure, impervious clothing and shoes 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>
4,4'-Methylene Dianiline, (MDA)	101-77-9	<60	1000	

CERCLA Section 102 (a): Hazardous Substance

<u>Component</u>	<u>CAS #</u>	<u>%</u>	<u>RQ (lbs)</u>
4,4'-Methylene Dianiline (MDA)	101-77-9	<60	1

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Section 9: SARA Title III Information (continued):

