F Form

Material Safety Data Sheet

Cover Sheet for Material Safety Data Sheet

Epoxy Resin and Anhydride Curing Agent

201EpoxyAnh.doc

Product: 125-350, A & B

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F Form

Material Safety Data Sheet

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Common Name (Trade name and synonyms)**:** **Magnolia 125-350, A & B**

Chemical Name: **Epoxy Resin and Anhydride Curing Agent**

Chemical Family: **Epoxy; Anhydride**

CAS Number: **Mixture**

Section 1: Hazardous Ingredients

Component	%	ACGIH TLV
A:Epoxy Resins with no established TLV	25-35	
B: Amine with no established TLV	<2	
Hazards: Corrosive, irritant		

All ingredients are listed in the TSCA Inventory.

Section 2: Physical and Chemical Characteristics

Boiling Point (°F): >225°F **Specific Gravity**(water=1): 1.60
Vapor Pressure (mm/Hg): Nil **Volatiles** (% by volume): 0
Vapor Density (Air=1): >1 **Evaporation Rate** (BuAc =1): >1
Solubility in Water: Negligible **A:** Nil
B: Insoluble but hydrolyzes to a diacid in the prescence of moisture.
Appearance & Odor: **A:** Off- white viscous liquid; characteristic odor
B: Light brown paste

Section 3: Fire and Explosion Data

Flash Point (test method): >200°F (PMCC)
Flammable Limits in Air (% by volume) **Lel:** N/A **Uel:** N/A

Extinguishing Media: Water spray, foam, CO_2, dry chemical

Special Fire Fighting Precautions/Procedures: Avoid breathing smoke. In confined areas, full fire fighting eqwuipment 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

Threshhold Limit value (TLV): Not established
ANSI Hazard Class: **A:** 4 **B:** 4
Signs and Symptoms of exposure:

Type of Exposure	**Comp**	
Acute Overexposure	A	Moderately irritating to skin and eyes. Possible skin sensitizer.
	B	Vapors are irritating to skin,eyes and respiratory tract
Chronic Overexposure	A	Pre-existing skin and eye disorders may be aggravated
	B	Aggravate asthma and pulmonary conditions
Routes of Exposure		
Inhalation	A	Not likely to produce adverse effects due to low volatility
	B	Irritation of the respiratory tract
Ingestion	A	Low order of oral toxicity
	B	Causes nausea
Skin Absorption	A	May be absorbed through the skin in toxic amounts
	B	May cause allergic reaction
Skin Contact	A	Moderately irritating; may cause skin sensitization
	B	Possible sensitizer
Eye Contact	A	Moderately irritating
	B	Moderately irritating;
Carcinogenicity		
NTP	A	No
	B	No
OSHA	A	No
	B	No
IARC	A	No
	B	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

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; moisture contamination
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

Component	CAS #	%	RQ (lbs)	TPQ (lbs)
None				

CERCLA Section 102 (a): Hazardous Substance

Component	CAS #	%	RQ (lbs)
None			

Section 9: SARA Title III Information (continued):

Section 311: Hazardous Categorization

Acute	Chronic	Fire	Pressure	Reactive	Non-Applicable
X					

Section 313: Toxic Chemicals

Component	CAS #	%
None		

Section 10: Special Precautions

Warning Statements:
A: May cause skin irritation; avoid contact with eyes.
B: **Corrosive.** Avoid moisture contamination

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.

Other Precautions:

RCRA Status: Not considered to be a hazardous waste
CERCLA: Not listed
DOT Class:
A: Not regulated
B: Corrosive Liquid, Basic, Organic, N.O.S.,UN 3267

Section 11: Miscellaneous

	HMIS Rating A	HMIS Rating B
Health:	3	3
Flammability:	1	1
Reactivity:	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: 11/2/01 **Revision Date:** **Revision Number:**