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Date Prepared 11/28/06

<b>SECTION 1 - IDENTIFICATION</b>		HAZARD RATING	Health	2
		0 = Least 1 = Slight 2 = Moderate 3 = High 4 = Moderate	Flammability	1
			Reactivity	0
			Personal Protection	G
IDENTITY (As Used on Label)	<b>Basic Novolac Epoxy Hardener</b>			
COMMON NAME	Modified Epoxy Resin			

SECTION II – PRODUCT COMPONENTS	CAS.#	OSHA PEL	ACGIH TLV
Benzyl Alcohol	100-51-6	NE <sup>1</sup>	NE
3, Aminomethyl -3,5,5-Trimethyl	2855-13-2	NE	NE
1, 5 Pentanediamine, 2 Methyl	15520-10-2	NE	NE
N, Aminoethyl Piperazine	140-31-8	NE	NE
Diglycidyl Ether Bisphenol A Epoxy Resin	25805-99-8	NE	NE
Salicylic Acid	69-72-7	NE	NE

<sup>1</sup>None Established

T.S.C.A. Status O.K.

**\*FOR SPILL, LEAK, FIRE, OR ACCIDENT, CALL CHEMTREC 24-HOUR EMERGENCY NUMBER 1-800-424-9300\***

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS			
Boiling Point	485F	Specific Gravity (H <sub>2</sub> O = 1)	>1
Vapor Pressure (mm Hg)	0.02	Melting Point	N/A
Vapor Density (Air = 1)	N/A	Evaporation rate (Butyl Acetate = 1)	N/A
Solubility in Water	Partially Soluble		
Appearance and Odor	Pale yellow colored liquid. Amine odor.		

SECTION IV – FIRE AND EXPLOSION HAZARD DATA			
Flash Point	220F	Flammable Limits	LEL N/A UEL N/A
Extinguishing Media	Dry chemicals, carbon dioxide, foam. water spray.		
Special Firefighting Procedures	Firefighters should wear full emergency equipment with self-contained breathing apparatus. Irritating and/or toxic gases may be generated by fire.		
Unusual Fire and Explosion Hazards	Cool fire-exposed containers with cold water spray to prevent pressure buildup that may rupture the container.		

SECTION V – REACTIVITY DATA			
Stability	Unstable		Conditions to Avoid Keep container closed when not in use.
	Stable	X	
Incompatibility (Materials to Avoid)	Strong oxidizers and acids.		
Hazardous Decomposition or Byproducts.	Fire- Carbon Monoxide, Carbon Dioxide, Nitrogen, Aldehydes.		
Hazardous Polymerization	May Occur		Conditions to Avoid Uncontrolled reaction with epoxy resin. Avoid breathing fumes generated by hardener and epoxy mixture when not used in established pot life.
		X	

<b>SECTION VI – HEALTH HAZARD DATA</b>			
Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	YES	YES	YES
Signs and Symptoms of Exposure Irritation of skin, eyes or respiratory tract.			
Health Hazards (Acute and Chronic)			
ACUTE – Prolonged skin exposure can cause irritation, dermatitis. Inhalation of vapors can cause nasal and respiratory irritation, dizziness, headache, nausea.			
CHRONIC – prolonged or repeated exposure to vapors may cause liver and kidney damage. Lung disorders may be aggravated by exposure.			
Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
	NO	NO	NO
Medical Conditions Generally Aggravated by Exposure			
Allergy, eczema, skin conditions, and lung disorders.			
Emergency and First Aid Procedures			
EYES – Flush with water, holding lids open for 15 minutes or more. Call physician for advice if necessary.			
SKIN – PROMPTLY wash with soap and water. DO NOT wash with solvents. Seek medical advice if irritation develops or persists.			
INHALATION – Move person to fresh area if effects occur. If needed, give oxygen or artificial respiration to improve breathing. Consult physician.			
INGESTION – Get medical attention immediately. Never give liquids to an unconscious or convulsing person.			
<b>SECTION VII – CONTROL MEASURES</b>			
Respiratory Protection (Specify Type):			
Provide adequate exhaust ventilation; use a NIOSH – approved respirator if PELs/TLVs are exceeded.			
Ventilation	Local Exhaust	Use in confined areas.	Special Explosion-proof fans when needed.
	Mechanical	Must be sufficient to maintain area below established TLV/PEL	
Protective Gloves	Neoprene gloves.		Eye Protection Splash goggles or face shield
Other Protective Clothing or Equipment			
Use other protective equipment such as rubber aprons and a faceshield if danger of splashing is possible. Eye wash station or clear water must be readily available. ENFORCE GOOD HYGIENE PRACTICES. No smoking or open lights in work area. Exposure to liquid, vapors, mists or fumes must be minimized. Use air supplied respirators in enclosed areas and when PEL/TLV is higher than established level.			
Work/Hygienic Practices Launder contaminated clothing before use. Dispose contaminated leather shoes or sneakers.			
<b>SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE</b>			
Steps to be Taken in Case Material is Released or Spilled			
Shut off and eliminate all ignition sources. Keep people away. Add sand, earth or other absorbent to spill area. Ventilate confined spaces. Open windows and doors, minimize breathing vapors and skin contact. Keep spill out of sewers by diking. Observe precautions for flammable vapors from absorbed materials.			
Waste Disposal Method			
Burn in an adequate incinerator or bury in an approved land fill in accordance with federal, state and local regulations.			
Precautions to be Taken in Handling and Storing			
Keep containers tightly closed when not in use and away from excessive heat and flame. Do not pressurize, cut, weld, solder, drill, or grind the containers.			
Other Precautions None Known			
<b>Please Note</b>	“The above information is accurate to the best of our knowledge. However, since data safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, Basic Polymers MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. User should satisfy himself that he has all current data to his particular use.”		

