



Basic-Crete Urethanes – Epoxies – M.M.A.s

# Material Safety Data Sheet

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Date Prepared 11/28/06

<b>SECTION 1 - IDENTIFICATION</b>		<b>HAZARD RATING</b> 0 = Least 1 = Slight 2 = Moderate 3 = High 4 = Moderate	Health	3
IDENTITY (As Used on Label)	<b>Basic HC Epoxy Top Coat Hardener</b>		Flammability	1
COMMON NAME	Cycloaliphatic Amine Epoxy Hardener		Reactivity	0
			Personal Protection	H

SECTION II – PRODUCT COMPONENTS	CAS.#	OSHA PEL	ACGIH TLV
Aliphatic Epoxy Curative	Proprietary <sup>2</sup>	NE <sup>1</sup>	NE
Cycloaliphatic Amine Epoxy Curative	Proprietary	NE	NE

<sup>1</sup>None Established

<sup>2</sup>Suppliers will provide information to health professional proprietary if needed.

T.S.C.A. Status O.K. on all above components.

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

## SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	NE	Specific Gravity (H <sub>2</sub> O = 1)	1.06
Vapor Pressure (mm Hg)	NE	Melting Point	NE
Vapor Density (Air = 1)	NE	Evaporation rate (Butyl Acetate = 1)	NE
Solubility in Water	Slight		
Appearance and Odor	Yellow to amber 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 gases may be generated by fire.			
Unusual Fire and Explosion Hazards	Cool fire-exposed containers with cold water spray to prevent pressure build-up that may rupture the container.			

## SECTION V – REACTIVITY DATA

Stability	Unstable	X	Conditions to Avoid
	Stable		Keep container closed when not in use.
Incompatibility (Materials to Avoid)	Strong oxidizers and acids.		
Hazardous Decomposition or Byproducts.	By Fire- carbon monoxide, carbon dioxide, aldehydes, nitrogen.		
Hazardous Polymerization	May Occur	X	Conditions to Avoid
	Will Not Occur		Uncontrolled reaction with epoxy resins. Avoid breathing fumes generated by hardener and epoxy mixture when not used within established pot life.

<b>SECTION VI – HEALTH HAZARD DATA</b>			
Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	YES	YES	YES
Signs and Symptoms of Exposure Irritation on skin			
Health Hazards (Acute and Chronic)			
Note: Person with lung disorders or who are sensitized should not use this product.			
ACUTE – Irritation on skin and dermatitis.			
CHRONIC – Repeated overexposure will cause severe skin irritation, dermatitis and sensitization. Sensitized person may experience rapid irritation of skin upon exposure.			
Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
	NO	NO	NO
Medical Conditions Generally Aggravated by Exposure			
Allergy, skin 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	If needed	Special None Known
	Mechanical	Adequate exhaust ventilation must exhaust AWAY from applicator.	
Protective Gloves	Natural or Neoprene gloves.		Eye Protection Splash goggles or face shield
Other Protective Clothing or Equipment			
Use rubber apron, face shield and appropriate clothing to prevent contact with skin. Launder contaminated clothing before reuse. Discard contaminated leather shoes and canvas sneakers. Protective skin creams may help, but gloves must still be worn. Clean-up with soap and water. An eye wash station or an adequate supply of clean water must be available at work area.			
Work/Hygienic Practices Enforce careful handling to prevent splashing. Wash thoroughly after use.			
<b>SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE</b>			
Steps to be Taken in Case Material is Released or Spilled			
Wear protective equipment to prevent exposure. Stop spill and dike to prevent spreading. Cover spill with absorbent materials and collect into containers. Clean contaminated area with detergent and water or a steam cleaner for best results.			
Waste Disposal Method			
Dispose in accordance with Federal, State, and Local requirements.			
Precautions to be Taken in Handling and Storing			
Keep containers tightly closed when not in use.			
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.”		