



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

Material Safety Data Sheet

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SECTION 1 - IDENTIFICATION		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) Basic Epoxy HG Resin				
COMMON NAME Emulsified Epoxy Resin				

SECTION II – PRODUCT COMPONENTS	CAS.#	OSHA PEL	ACGIH TLV
Diglycidyl Ether Bisphenol A Epoxy Resin	25085-99-88	N.E. ¹	N.E.
Water	7732-18-5	N.E. ¹	N.E.
Calcium Carbonate	1317-65-3	15mg/m ³	10mg/m ³
Propylene Glycol, USP	57-55-6	N.E.	N.E.
Ethoxylated Castor Oil	61791-12-6	N.E.	N.E.
None Established			
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	212F	Specific Gravity (H ₂ O = 1)	>1
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (Air = 1)	N/A	Evaporation rate (Butyl Acetate = 1)	Not Known
Solubility in Water	Soluble		
Appearance and Odor	Milky viscous liquid. Mild odor.		

SECTION IV – FIRE AND EXPLOSION HAZARD DATA				
Flash Point	Not Flammable	Flammable Limits	LEL N/A	UEL N/A
Extinguishing Media	Foam, CO ₂ , Dry Chemical, Water Spray			
Special Firefighting Procedures	Wear full protective equipment including self-contained breathing apparatus.			
Unusual Fire and Explosion Hazards	Combustion products may be toxic. Cool storage containers with water spray to prevent pressure build-up that may rupture the containers.			

SECTION V – REACTIVITY DATA				
Stability	Unstable		Conditions to Avoid	
	Stable	X	Excessive heating over long periods may degrade the resin.	
Incompatibility (Materials to Avoid)	None Known			
Hazardous Decomposition or Byproducts.	By Fire – Carbon monoxide, Carbon dioxide, Nitrogen oxides.			
Hazardous Polymerization	May Occur		Conditions to Avoid	
	Will Not Occur	X	None Known	

SECTION VI – HEALTH HAZARD DATA			
Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
Yes			
Signs and Symptoms of Exposure	Irritation of skin.		
Health Hazards (Acute and Chronic)			
ACUTE – Irritation of skin and dermatitis.			
CHRONIC – Repeated overexposure will cause severe skin irritation, dermatitis and sensitization. Sensitized persons 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 air 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.			
NOTE persons with lung disorders or who are sensitized should not use this product.			
SECTION VII – CONTROL MEASURES			
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 help cleaning with soap and water, but gloves must still be worn. 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.			
SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE			
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 Store in an OSHA approved area for flammable materials.			
Please Note	“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.”		