Basic Polymers
Industrial Flooring
Basic-Crete Urethanes – Epoxies – M.M.A.s

Material Safety Data Sheet

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HAZARD RATING		
0 = Least 1 = Slight 2 = Moderate 3 = High 4= Moderate	Health	1
	Flammability	1
	Reactivity	0
	Personal Protection	G

SECTION 1 - IDENTIFICATION

IDENTITY (As Used on Label) **Basic Aliphatic Urethane Glaze Resin**

COMMON NAME Polyester Resin Solution

SECTION II – PRODUCT COMPONENTS

	CAS.#	OSHA PEL	ACGIH TLV
Polyester Polyol	Proprietary[1]	Not Hazardous	Not Hazardous
Propylene Glycol Monomethyl Ether Acetate (PMA)	108-65-6	NE[2]	NE

[1]The manufacturer of the component states that they will provide additional information to a a health professional in the event of a medical emergency.

[2]Not 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	PMA	284F	Specific Gravity (H_2O = 1)	>1
Vapor Pressure (mm Hg)	PMA	3.8	Melting Point	N/A
Vapor Density (Air = 1)	PMA	4.6	Evaporation rate (Butyl Acetate = 1)	PMA = 0.30
Solubility in Water	Appreciable			
Appearance an d Odor	Clear liquid. Fruity Aromatic Odor			

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point	PMA	116F	Flammable Limits	LEL 1.5%	UEL 10.0%

Extinguishing Media Dry Chemicals, CO2, Universal Type Foam, Water Fog

Special Firefighting Procedures

Wear full protective equipment including self-contained breathing apparatus. Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame. Avoid spreading burning liquid with H2O used for cooling purposes.

Unusual Fire and Explosion Hazards

This material is flammable and may be ignited by heat or flame.

SECTION V – REACTIVITY DATA

Stability	Unstable		Conditions to Avoid
	Stable	X	Keep containers closed when not in use.
Incompatibility (Materials to Avoid)	Avoid oxidizers and phosphorous – containing materials.		
Hazardous Decomposition or Byproducts.	Fire may yield carbon monoxide and/or carbon dioxide.		
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	Keep containers closed when not in use.

SECTION VI – HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

Signs and Symptoms of Exposure Irritation and redness of skin and eyes. Breathing difficulty

Health Hazards (Acute and Chronic)

ACUTE – Irritant to mucous membranes, eye and skin.

CHRONIC – prolonged exposure may be a nasal irritant.

Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
	NO	NO	NO

Medical Conditions Generally Aggravated by Exposure

Preexisting disorders may be aggravated: respiratory tract and lung.

Emergency and First Aid Procedures

EYES – Flush with water, holding lids open for 15 minutes or more. Call physician for advice if necessary.

SKIN – remove contaminate clothing. Clean affected area with mild soap and water. If irritation or redness develops, seek medical attention.

INHALATION – move person away from source of exposure and into fresh air. If person is not breathing, give artificial respiration and seek medical attention immediately. If breathing difficulty develops, give oxygen and seek medical attention immediately.

****NOTE**** persons with lung disorders or who are sensitized should not use this product.

SECTION VII – CONTROL MEASURES

Respiratory Protection (Specify Type): Use NIOSH approved respirator as outlined in 30CFR11 and 29CFR 1910.134 effective for solvent and and diisocyanate vapors. Use SCBA or air-supplied respirators when TLV/PEL is 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	Natural or Neoprene gloves.		Eye Protection	Splash proof goggles.

Other Protective Clothing or Equipment

Use other protective equipment such as rubber aprons and a face shield 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 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

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 volatile, flammable vapors from absorbed material.

Waste Disposal Method

Incineration in accordance with local, state, and federal 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

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