



Material Safety Data Sheet

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SECTION I - IDENTIFICATION

IDENTITY (As Used on Label) Poly-Crete KT Resin

COMMON NAME POLYOL-PIGMENT BLEND

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

SECTION II - PRODUCT COMPONENTS

CAS.#	OSHA PEL	ACGIH TLV
Polyester polyol	Proprietary ¹	N.E. ² N.E.
Polyolalkoxylate	Proprietary	N.E. N.E.
Aluminum Silicate	1332-58-7	10mg/m ³ (Du: 10mg/m ³)
Carbon Black	1333-86-4	3.5mg/m ³ (du: 3.5mg/m ³ (dust))
Rutile Titanium Dioxide	13463-67-7	10mg/m ³ 10mg/m ³
Inorganic Iron Oxides	1309-37-1	10mg/m ³ 10mg/m ³
Crystalline Silica	14808-60-7	10mg/m ³ (Du: 0.05

% SiO₂ +2

²None Established.

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

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	595°F	Specific Gravity (H ₂ O = 1)	>1
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	>1	Evaporation rate (Butyl Acetate = 1)	<1
Volatile Organic Compounds	0 g/L		
Solubility in Water	Insoluble		
Appearance and Odor	Viscous Liquid. Color varies upon desired shade. Faint Aromatic Odor.		

SECTION IV - FIRE and EXPLOSION HAZARD DATA

Flash Point (Closed Cup Method)	>400°F	Flammable Limits	LEL	UEL
			N / A	N / A

Extinguishing Media Foam, CO₂, 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	None known
Incompatibility (Materials to Avoid)	Strong Oxidants.		
Hazardous Decomposition or Byproducts	Burning will produce toxic fumes.		
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	Avoid contact with strong oxidizing agent.

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	No	Yes	Yes

Signs and Symptoms of Exposure Irritation of skin..

Health Hazards (Acute and Chronic)

ACUTE - Irritation of skin and dermatitis.

CHRONIC - Repeated over-exposure may cause skin irritation, dermatitis and sensitization.

Sensitized persons may experience rapid irritation of skin upon exposure.

NOTE: Persons with lung disorders or who are sensitized should not use this product.

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 - Not a likely route of entry. Although this product is not known to cause respiratory problems, if breathing is difficult remove to fresh air and provide oxygen

INGESTION - Get medical attention immediately. Never give liquids to an unconscious or convulsing person.

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 Rubber or Neoprene 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.

SECTION VIII - 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 None known.

Prepared by Samet Dy - Urethane Chemist

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