



Product Name: Dura-Kote Polyurethane WB White tint base (Part A)
Revision Date 01/01/2016

SAFETY DATA SHEET

SECTION 1 Product and Company Identification

Product

Product Name: [Dura-Kote Polyurethane WB White tint base \(Part A\)](#)

Product Description: 57% solids, water-based, high performance, acrylic polyurethane

Intended Use: Sealer for cementitious or epoxy flooring / resin

Company

Manufacturer: SureCrete Design Products, Inc.
15246 Citrus Country Drive
Dade City, FL 33523
USA

Contact: 352-567-7973 (telephone general)
800-262-8200 Chemtrec
+1 703-741-5500 Chemtrec International
info@surecretedesign.com (e-mail)
352-521-0973 (facsimile)

SECTION 2 Hazards Identification

Classification of substance or mixture:

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

No need for classification according to GHS criteria for this product.

GHS Label Elements: The product does not require a hazard warning label in accordance with GHS criteria.

Emergency Overview:

No particular hazards known.
Use with local exhaust ventilation.
Wear full face shield if splashing hazard exists.
Wear protective clothing.

Hazard Symbol: None.

SECTION 3 Composition / Information on Ingredients

There are no hazardous components above the relevant concentration limits according to OSHA HazCom 2012.

This material is regulated as a mixture

Ingredient	CAS #	EC#	% (by weight)
Triethanolamine	102-71-6	NE	<4%
Di(propylene glycol) butyl ether, mixture of isomers	29911-28-2	249-951-5	<6%
Titanium Dioxide*	13463-67-7	NE	<32%
Aluminum hydroxide*	21645-51-2	NE	<4%
Silicon dioxide, amorphous*	7631-86-9	NE	<4%
Non hazardous			
	Trade secret		<61%

*Note: These ingredients provide no hazard as offered in completed product. They cannot become airborne dust, as



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they are in fluid solution.

This product contains an amine neutralizing agent which is bound in the matrix of this product as a salt. This amine salt is considered essentially unreactive at room temperature. Generation of amine vapors is expected when this product is processed (heated) during the drying/hardening of the coating.

SECTION 4 First Aid Measures

General advice: Remove contaminated clothing.

If inhaled: Remove the affected individual into fresh air and keep the person calm. Seek medical attention.

If on skin: Wash thoroughly with soap and water. If irritation develops, seek medical attention.

If in eyes: Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

If swallowed: Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.

Most important symptoms and effects, both acute and delayed: No significant reaction of the human body to the product known.

Note to physician: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

SECTION 5 Fire Fighting Measures

Appropriate Extinguishing Media: Foam, CO₂, Dry chemical, water spray or fog.

Fire Fighting Instructions: Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces, to protect personnel, and to cool fire-exposed containers to minimize the risk of rupture. Contaminated extinguishing water must be disposed of in accordance with official regulations.

Unusual Fire Hazards: Harmful vapors. Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Hazardous Combustion Products: Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke, Isocyanate, Isocyanic Acid and other undetermined compounds. Hydrogen cyanide.

SECTION 6 Accidental Release Measures

Personal Precautions, Protective Equipment, Emergency Procedures: Use personal protective clothing. Avoid breathing vapors, mist, or gas.

Methods and Materials for Containment and Clean-up: Cover spill with inert material (e. g., dry sand or earth) and collect for proper disposal. Dike or dam spilled material and control further spillage, if possible. Prevent from entering open drains and waterways. Wash spill area with soap and water. Ventilate area to remove vapors or dust

Environmental precautions: Do not discharge into drains/surface waters/groundwater.

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SECTION 7 Handling and Storage

Handling/Storage Precautions

Handle in accordance with good industrial hygiene and safety practices. Wash thoroughly after handling. Keep container tightly closed and in a dry well-ventilated space when not in use. Avoid breathing dust, vapor, or mist. Avoid contact with eyes. Avoid contact with skin or clothing.

Protect from freezing. Store between 5°C (41°F) and 35°C (95°F).

Avoid water reactive substances, acids, strong alkalis.

SECTION 8 Exposure Control / Personal Protection

Industrial Hygiene/Ventilation Measures

General dilution and local exhaust as necessary to control airborne vapors, mists, dusts and thermal decomposition products below appropriate airborne concentration standards/guidelines. Thermal processing operations should be ventilated to control gases and fumes given off during processing. Curing ovens must be ventilated to prevent the buildup of explosive atmospheres and to prevent off gases from entering the work place.

Exposure Limits:

Component	Value / Source		
Triethanolamine (102-71-6)	TWA	5 mg/m ³	ACGIH
Titanium Dioxide* (13463-67-7)	TWA	1 mg/m ³ Respirable dust	JSOH OELs (05 2009)
Titanium Dioxide* (13463-67-7)	TWA	4 mg/m ³ Total dust	JSOH OELs (05 2009)
Titanium Dioxide* (13463-67-7)	TWA	10 mg/m ³	US ACGIH (2011)

**Note: These components provide no hazard as offered in completed product. They cannot become airborne dust, as they are in fluid solution.*

Personal protective equipment

Respiratory protection: Wear respiratory protection if ventilation is inadequate. Respiratory protection in case of vapor/aerosol release.

Hand protection: Permeation resistant gloves. Butyl rubber gloves. Nitrile rubber gloves.

Eye protection: Chemical safety goggles or safety glasses with side-shields.

Skin protection: Permeation resistant clothing, gloves, long-sleeved shirt, and pants

General safety and hygiene measures: Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Eye wash fountains and safety showers must be easily accessible. Employees should wash their hands and face before eating, drinking, or using tobacco products. Educate and train employees in the safe use and handling of this product. Store separate from food products.

SECTION 9 Physical and Chemical Properties

Appearance: Milky liquid.

Physical state: Liquid, thixotropic.

Form: Liquid.

Color: Milky white

Odor: very faint



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Odor threshold: Not available.
pH: Not available.
Freezing point: 32°F (0°C)
Initial boiling point: 212°F (100 °C)
Flash point: No flashpoint measurement made up to boiling point.
Evaporation rate: Not available.
Flammability: Not available.
Flammability limit – Not available.
Flammability limit – Not available.
Explosive limit - Not available.
Vapor pressure: Not available.
Vapor density: Not available.
Density: 1.07 g/cm³ @ 20 °C (68 °F)
Solubility (water): Soluble.
Partition coefficient: Not available.
Auto-ignition temperature: 430 °C (806 °F)
Decomposition temperature: Not available.
Dynamic viscosity: 1000-3500 mPa @ 23°C (73°F)
Kinetic viscosity: Not available.
VOC: <100g/L.

SECTION 10 Stability and Reactivity

Stability: Stable under normal conditions.

Reactivity: No data available.

Conditions to avoid: Avoid extreme heat. Avoid freezing.

Materials to avoid: Strong oxidizing agents, Strong acids, Strong bases.

Hazardous decomposition products: By fire and thermal decomposition: Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke, Isocyanate, Isocyanic Acid and other undetermined compounds. Hydrogen cyanide.

SECTION 11 Toxicological Information

Route of Exposure:

Skin contact
Eye contact
Ingestion
Inhalation

Health Effects and Symptoms

Acute: Not expected to cause adverse health effects.

Chronic: Not expected to cause adverse health effects.

Toxicity Data

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
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Di(propylene glycol) butyl ether, mixture of isomers /CAS 29911-28-2	4000 mg/kg (Rat)	> 2000 ml/kg mg/kg (Rat)	No data available
Titanium Dioxide / CAS 13463-67-7	5000 mg/kg (Rat)	No data available	>6.82 mg/L (Rat) 4 h

Skin Irritation: rabbit.

Eye Irritation: rabbit.

Mutagenicity: no indications of mutagenic effects from toxicological studies of a comparable product.

Carcinogenicity: No carcinogenic substances as defined by IARC, NTP, and/or OSHA. Note: Based upon all available study results, DuPont scientists conclude that titanium dioxide will not cause lung cancer or chronic respiratory diseases in humans at concentrations experienced in the workplace.

SECTION 12 Ecological Information

Eco toxicity

Chemical Name	Type	Species	LC / EC 50 (mg/L)	Exposure (Method)
Di(propylene glycol) butyl ether, mixture of isomers /CAS 29911-28-2	Fish	Other fish	841	96 h
Di(propylene glycol) butyl ether, mixture of isomers /CAS 29911-28-2	Invertebrates	Daphnia magna (water flea)	1000	48 h
Titanium Dioxide / CAS 13463-67-7	Fish	Pimephales promelas	1000	96 h
Titanium Dioxide / CAS 13463-67-7	Invertebrates	Daphnia magna (water flea)	1000	48 h
Titanium Dioxide / CAS 13463-67-7	Plants	Pseudokirchneriella subcapitata	61	72 h

Persistence and degradability: no data available.

Bio accumulative potential: no data available.

Mobility in soil: no data available.

SECTION 13 Disposal Considerations

Waste disposal of substance: Dispose in accordance with all applicable regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Container disposal: Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

Section 14 Transport Information

DOT: This product is not regulated for transport.



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IATA: This product is not regulated for transport.

IMDG: This product is not regulated for transport.

SECTION 15 Regulatory Information

US federal regulations:

US Toxic Substance Control Act (TSCA): Listed on TSCA inventory.

US EPA CERCLA Hazardous Substances (40 CFR 302) Component: None.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance: None

SARA 311/312 Hazardous chemical: Acute health hazard, Chronic health hazard.

SARA 313 (TRI reporting): This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels.

US state regulations

US. Massachusetts RTK - Substance List:

Polyacrylate resin
Trimethanolamine (CAS 102-71-6)
Reactive diluent (CAS 716336-43-5)
Propylene glycol n-butyl ether (CAS 5131-66-8)

US. New Jersey Worker and Community Right-to-Know Act:

Polyacrylate resin
Trimethanolamine (CAS 102-71-6)
Reactive diluent (CAS 716336-43-5)
Propylene glycol n-butyl ether (CAS 5131-66-8)
Di(propylene glycol) butyl ether, mixture of isomers (CAS 29911-28-2)

US. Pennsylvania Worker and Community Right-to-Know Law:

Polyacrylate resin
Trimethanolamine (CAS 102-71-6)
Reactive diluent (CAS 716336-43-5)
Propylene glycol n-butyl ether (CAS 5131-66-8)
Di(propylene glycol) butyl ether, mixture of isomers (CAS 29911-28-2)

US. California Proposition 65:

This product contains a chemical(s) known to the state of California to cause cancer and birth defects or other reproductive harm. Diethanolamine (CAS 111-42-2).

SECTION 16 Other Information

Recommended restriction: for use by trained professionals, having read the complete SDS

Hazard Rating:

	<i>health</i>	<i>flammability</i>	<i>reactivity</i>
HMIS	1	0	0
NFPA	1	0	0



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