



SAFETY DATA SHEET

SECTION 1 Product and Company Identification

Product

Product Name: [ColorTec Acrylic WB \(DTB\)](#)

Product Description: Water Based Pigmented Acrylic Sealer

Intended Use: Sealer for cementitious surfaces

Company

Manufacturer: SureCrete Design Products, Inc.

15246 Citrus Country Drive

Dade City, FL 33523

USA

Contact: 1-352-567-7973 (telephone general)

1-800-262-8200 Chemtrec

+1 703-741-5500 Chemtrec International

info@surecretedesign.com (e-mail)

1-352-521-0973 (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.

Hazard Ratings

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

SECTION 3 Composition / Information on Ingredients

This material is regulated as a mixture.

The chemical identity and concentration or concentration ranges of all ingredients which are hazardous within the meaning of the GHS are present below their cut-off levels (i.e. <0.1% for reproductive toxicity, carcinogenicity and category 1 mutagenicity and <1% for all other hazard classes).

The exact percentage (concentration) of composition has been withheld as a trade secret.



SECTION 4 First Aid Measures

General advice: Get medical advice/attention if you feel unwell.

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin Contact: Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.

Inhalation: IF INHALED: Call a POISON CENTER or doctor if you feel unwell.

Ingestion: Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms and effects, both acute and delayed

Symptoms: No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians: Treat symptomatically.

SECTION 5 Fire Fighting Measures

Appropriate Extinguishing Media: Foam, CO₂, Dry chemical, water spray or fog. Not to be used for safety reasons: strong water jet.

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 and to protect personnel. 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: Burning produces heavy smoke. Fire may produce irritating and/or toxic gases. In the event of fire and/or explosion do not breathe fumes. Incomplete combustion products, Smoke, Fume, Oxides of carbon.

SECTION 6 Accidental Release Measures

Personal Precautions, Protective Equipment, Emergency Procedures: Use personal protective clothing. Avoid breathing vapors or mists. Use personal protective equipment as required.

Methods and Materials for Containment and Clean-up

Small Spills: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations. Clean with detergents. Avoid solvent cleaners. Clean contaminated surface thoroughly.

Large Spills: Pump off product.

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



SECTION 7 Handling and Storage

Precautions for safe handling: Use personal protection recommended in Section 8. Never use pressure to empty container. Comply with the health and safety at work laws. Prevent product from entering drains. Use only with adequate ventilation.

General Hygiene Considerations: When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

Protection against fire and explosion: No special precautions necessary.

Conditions for safe storage: Keep/store only in original container. Store in accordance with local regulations. Keep unauthorized personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dry and well-ventilated place.

Protect from temperatures below: 0°C

Protect from temperatures above: 100°C

Incompatible materials: Strong oxidizing agents.

SECTION 8 Exposure Control / Personal Protection

Personal protective equipment

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

Hand protection: There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance.

Eye protection: Safety glasses with side-shields (or goggles).

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.

SECTION 9 Physical and Chemical Properties

General

Appearance: Milky liquid.

Physical state: Liquid.

Form: Liquid.

Color: Milky.

Odor: Mild, acrylic like

Odor threshold: Not available.



Safety Data

pH: Not available.
Freezing point: 32 °F (0 °C)
Initial boiling point: 212 °F (100 °C)
Flash point: 219 °F (104 °C)
Evaporation rate: Not available.
Flammability: Not flammable.
Flammability limit – Not applicable.
Flammability limit – Not applicable.
Explosive limit - Not applicable.
Vapor pressure: Not available.
Vapor density Relative density: Not available.
Solubility (water): Dispersible.
Partition coefficient: Not available.
Auto-ignition temperature: Not applicable.
Decomposition temperature: Not available.
Viscosity Not available.
VOC: <100g/L.

SECTION 10 Stability and Reactivity

Stability: Stable under normal conditions.

Reactivity: No hazardous reactions if stored and handled as prescribed/indicated.

Conditions to avoid: Avoid extreme heat. Avoid freezing.

Materials to avoid: Strong oxidizing agents.

Hazardous decomposition products: CO, CO₂

Hazardous polymerization: None under normal processing

SECTION 11 Toxicological Information

Route of Exposure: Not applicable

Chronic toxicity/effects:

Repeated oral uptake of the substance did not cause substance-related effects.
Repeated inhalative uptake of the substance did not cause substance-related effects.
Repeated dermal uptake of the substance did not cause substance-related effects.
The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Symptoms of Exposure: No significant reaction of the human body to the product known.

SECTION 12 Ecological Information

Eco toxicity: At the present state of knowledge, no negative ecological effects are expected.



Toxicity to Algae/Aquatic Plants, Microorganisms and Crustacea: No data is available.

Persistence and degradability: No information available.

Bio accumulative potential: At the present state of knowledge, no negative ecological effects are expected.

Mobility: No information 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.

ARD/RID: This product is not regulated for transport.

IMDG: This product is not regulated for transport.

IATA: This product is not regulated for transport.

SECTION 15 Regulatory Information

US federal regulations:

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance: No chemicals in this material are subject to the reporting requirements.

SARA 311/312 Hazardous chemical: No chemicals in this material are subject to the reporting requirements.

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

This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels.

SECTION 16 Other Information

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

To the best of our knowledge the information contained here is accurate. However, neither the above named manufacturer nor any of its distributors assumes any liability whatsoever for the accuracy or the completeness of the information contained herein. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



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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.

Hazard Ratings

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

SECTION 3 Composition / Information on Ingredients

This material is regulated as a mixture

Ingredient	CAS #	EC#	% (by weight)
Hazardous			
Titanium Dioxide*	13463-67-7	NE	<15%
Aluminum hydroxide*	21645-51-2	NE	<2%
Silicon dioxide, amorphous*	7631-86-9	NE	<2%
Non Hazardous			



	Trade secret		<87%
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*Note: These ingredients provide no hazard as offered in completed product. They cannot become airborne dust, as they are in aqueous solution.

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Most important symptoms and effects, both acute and delayed

Symptoms: No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians: Treat symptomatically.

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General Hygiene Considerations: When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

Protection against fire and explosion: No special precautions necessary.

Conditions for safe storage: Keep/store only in original container. Store in accordance with local regulations. Keep unauthorized personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dry and well-ventilated place.

Protect from temperatures below: 0°C

Protect from temperatures above: 100°C

Incompatible materials: Strong oxidizing agents.

SECTION 8 Exposure Control / Personal Protection

Exposure limit values:

Component	Value / Source			
Titanium Dioxide*	TWA	1 mg/m ³	Respirable dust	JSOH OELs (05 2009)
Titanium Dioxide*	TWA	4 mg/m ³	Total dust	JSOH OELs (05 2009)
Titanium Dioxide*	TWA	10 mg/m ³	No data available	US ACGIH (2011)

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

Personal protective equipment

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

Hand protection: There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and



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Safety Data

pH: Not available.

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Flash point: 219 °F (104 °C)

Evaporation rate: Not available.

Flammability: Not flammable.

Flammability limit – Not applicable.

Flammability limit – Not applicable.

Explosive limit - Not applicable.

Vapor pressure: Not available.

Vapor density Relative density: Not available.

Solubility (water): Dispersible.

Partition coefficient: Not available.

Auto-ignition temperature: Not applicable.

Decomposition temperature: Not available.

Viscosity Not available.

VOC: <100g/L.

SECTION 10 Stability and Reactivity

Stability: Stable under normal conditions.

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Materials to avoid: Strong oxidizing agents.



Hazardous decomposition products: CO, CO₂

Hazardous polymerization: None under normal processing

SECTION 11 Toxicological Information

Route of Exposure: Not applicable

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Titanium Dioxide 13463-67-7	5000 mg/kg (Rat)	NA	>6.82 mg/L (Rat) 4 h

Chronic toxicity/effects:

Repeated oral uptake of the substance did not cause substance-related effects.

Repeated inhalative uptake of the substance did not cause substance-related effects.

Repeated dermal uptake of the substance did not cause substance-related effects.

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Symptoms of Exposure: No significant reaction of the human body to the product known.

SECTION 12 Ecological Information

Eco toxicity: At the present state of knowledge, no negative ecological effects are expected.

Toxicity to Fish

Chemical Name	CAS No	Species	LC50 (mg/L)	Exposure (Method)
Titanium Dioxide	13463-67-7	Daphnia magna	1000	48 h

Toxicity to Algae/Aquatic Plants

Chemical Name	CAS No	Algae/aquatic plants EC50
Titanium Dioxide	13463-67-7	Pseudokirchneriella subcapitata 61 mg/L 72 h

Bio accumulative potential: At the present state of knowledge, no negative ecological effects are expected.

Mobility: No information available.

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