

SAFETY DATA SHEET

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Process Time: 8:58 am

Date Revised: 11/30/18

Date Printed: 7/18/23

===== SECTION 1 - IDENTIFICATION =====

PRODUCT NAME: SCR
PRODUCT CODE: SC-15104002
RECOMMENDED USE: PAINT OR PAINT RELATED MATERIAL

MANUFACTURER: SURECRETE DESIGN PRODUCTS
ADDRESS : 15486 US HWY 301
DADE CITY, FL 33523 USA
TELEPHONE: 352-567-7973 E-mail: safety@fenixspc.com
24 HOUR EMERGENCY PHONE: CHEMTREC 1-800-424-9300

===== SECTION 2 - HAZARDS IDENTIFICATION =====

HAZARD RISK CLASSIFICATION

SIGNAL WORD: DANGER

PICTOGRAM:

GHS05 - CORROSION GHS07 - EXCLAMATION MARK

HAZARD CLASS	HAZARD CATEGORY
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CORROSIVE TO METALS	CATEGORY 1
SKIN CORROSION / IRRITATION	CATEGORY 1
TOXIC TO SPECIFIC TARGET ORGAN	CATEGORY 3
TOXICITY - SINGLE EXPOSURE	

HAZARD STATEMENTS:

H290	May be corrosive to metal.
H303	May be harmful if swallowed
H314	Causes severe skin burns and eye damage
H335	May cause respiratory irritation

PRECAUTIONARY STATEMENTS:

PREVENTION:

P234	Keep only in original packaging.
P260	Do not breath dusts/fume/gas/mist/vapors or spray.
P264	Wash hands and any exposed area thoroughly after handling.
P280	Wear protective impervious gloves/ OSHA approved eye protection/face protection.
P285	In case of inadequate ventilation wear appropriate organic vapor respiratory protection.

RESPONSE:

P301+P312	If swallowed: Call a Poison Center / doctor if you feel unwell.
P301+P330+P331	If swallowed: Rinse mouth. Do NOT induce vomiting.
P304+P340	If inhaled: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor/ emergency responder.
P321	Specific treatment (see on this label)
P330	Rinse mouth.
P342+P311	If experiencing respiratory symptoms: Call a Poison

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Center/doctor.

P363 Wash contaminated clothing before reuse.
P390 Absorb spillage to prevent material damage.

STORAGE:

P405 Store locked up.
P406 Store in corrosive resistant/ . . . container with a resistant inner liner.

DISPOSAL:

P501 Store separately. Dispose of contents/ container in accordance with local/ regional/national /international regulations.

OTHER HAZARDS: NONE KNOWN

HMIS RATING: H F R PPE
1 0 0 B

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS NUMBER	WEIGHT PERCENT	EXPOSURE LIMITS		
			OSHA PEL	ACGIH TLV	OTHER
+*^ Hydrogen Chloride	7647-01-0	5.03	5 PPM	5 PPM	

* Chemical(s) that are chronic health hazards. Refer to section 3 for further information.

+ Toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

^ Hazardous Air Pollutant established by the EPA as directed by the Clean Air Act of 1990.

SECTION 4 - FIRST AID MEASURES

PRIMARY ROUTES OF EXPOSURE:

Skin contact.

DESCRIPTION OF FIRST AID MEASURES:

EYES: Flush with large amounts of water for 15 minutes, lifting upper and lower eyelids. If irritation persists seek medical attention.

SKIN CONTACT: Wash contaminated area with soap and water. Remove and launder contaminated clothing.

INGESTION: If a large amount is ingested, give water or milk and induce vomiting. Seek medical attention.

INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. If breathing has stopped administer artificial respiration. Seek medical attention if condition persists.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

EYES: Contact with eyes may result in permanent visual loss unless removed quickly by thorough irrigation with water.

SKIN: Corrosive to skin and mucous membranes. Contact with skin may cause severe irritation and burns. May be absorbed through skin in toxic amounts.

INHALATION: Contact with liquid, mist, or vapor can cause immediate irritation or corrosive burns to all human tissue. Inhalation of concentrated vapor or mist will damage upper respiratory tract and lung tissues.

INGESTION: May be fatal if swallowed in sufficient amounts. Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Small amounts aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury.

CHRONIC HEALTH EFFECTS:

Repeated exposure may cause chronic bronchitis or respiratory inflammation. Repeated skin contact with dilute solutions

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may cause dermatitis.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

No known effects on other illnesses.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Treat symptomatically.

===== SECTION 5 - FIRE AND EXPLOSION HAZARD DATA =====

SUITABLE EXTINGUISHING MEDIA:

This material will not burn in its liquid state unless heated above its flash point. Dried films may burn and can be extinguished by water spray, foam, dry chemical or carbon dioxide.

SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

In the event of fire, harmful vapors including carbone monoxide, carbond dioxide, and others may be released. There is the possibility of pressure buildup in closed containers when heated. Water spray may be used to cool these containers.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS:

Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment. Isolate danger area, keep unauthorized personnel out.

===== SECTION 6 - ACCIDENTAL RELEASE MEASURES =====

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Evacuate area and keep unnecessary and

unprotected personnell from entering the spill area. Use proper personal protective equipment listed in section 8.

ENVIRONMENTAL PRECAUTIONS: Keep runoff from storm sewars, ditches, streams, lakes and other ground waters and waterways.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP:

Contain all spills. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize. Collect into suitable contaners and dispose of properly in accordance with all applicable regulations. (See Section 13) Rinse affected area thoroughly with water.

===== SECTION 7 - HANDLING AND STORAGE =====

PRECAUTIONS FOR SAFE HANDLING:

Employees who come in contact with this material must be trained in accordance to 1910.1200 of the Hazard Communicatin Standard. Wear chemical resistant gloves and protective clothing to minimize contact. The use of respiratory protection is advised when spraying because of mist and dust overspray.

PRECAUTIONS FOR SAFE STORAGE:

Keep from freezing; material may coagulate. The minimum recommended storage temperature is 34F/1C, the maximum recommended storage temperature is 120F/49C. Keep away from incompatable materials (see section 10). Keep containers tightly closed. It is advised that material be used within 1 year of manufacture, rotate stock.

OTHER PRECAUTIONS:

All empty containers should be disposed of in an environmentally safe manner in accordance with all governmental regulations.

===== SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION =====

CONTROL PARAMETERS: SEE SECTION 3 FOR OCCUPATIONAL EXPOSURE LIMIT VALUES

ENGINEERING CONTROLS: General room ventilation is adequate.

PERSONAL PROTECIVE EQUIPMENT:

RESPIRATORY PROTECTION:

No special requirements under normal use conditions. In confined areas, or areas with poor ventilation, engineering controls should be used to minimize exposure. Use NIOSH/MSHA approved respirator if conditions warrant.

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PROTECTIVE GLOVES:

Prevent prolonged or repeated contact by wearing chemical resistant gloves and other appropriate protective clothing. Launder contaminated clothing before reuse.

EYE PROTECTION:

Wear safety glasses to reduce eye contact potential. Chemical safety goggles (ANSI Z87.1 or approved equivalent) are appropriate if splashing is likely. Eye washes must be available where eye contact can occur.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A source of clean water should be available for flushing eyes and skin. Showers should be available if larger spills are possible.

WORK/HYGIENIC PRACTICES:

Efforts should be made to minimize contact and spills. Always wash hands before eating, drinking, or smoking. Clean up spills promptly. Follow OSHA and company guidelines.

===== SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES =====

APPEARANCE/PHYSICAL STATE: Liquid

COLOR: Clear (Water white)

ODOR: Characteristic

pH: Not Determined

ODOR THRESHOLD: Not measured

SOLUBILITY IN WATER: Dilutable

MELTING/FREEZING POINT: Not Determined

BOILING POINT/RANGE: n/a

SPECIFIC GRAVITY (H₂O=1): 1.02

VAPOR DENSITY: Greater Than Air

EVAPORATION RATE: Not Determined

FLAMMABILITY: Not determined

FLASH POINT: No flash n/a

VAPOR PRESSURE: Not Determined

UPPER EXPLOSION LIMIT: n/a

AUTO-IGNITION TEMPERATURE: Not Determined

LOWER EXPLOSION LIMIT: n/a

PARTITION COEFFICIENT: Not Available

DECOMPOSITION TEMPERATURE: Not Available

VISCOSITY: Not Determined

COATING V.O.C.: 0 g/l (0.0 lb/gal)

===== SECTION 10 - STABILITY AND REACTIVITY DATA =====

REACTIVITY: Will not occur.

CHEMICAL STABILITY:

Stable under normal conditions and handling.

POSSIBILITY OF HAZARDOUS REACTIONS:

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

CONDITIONS TO AVOID:

None known

INCOMPATIBLE MATERIALS:

Highly reactive with most metals - produces flammable hydrogen. Reactions with alkalis and active metals generate an exotherm. Mixing with strong oxidizers can produce poisonous chlorine gas. Reacts with cyanides to produce hydrogen cyanide and with sulfides producing hydrogen sulfide.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Combustion may liberate toxic byproducts such as carbon dioxide, and carbon monoxide, various oxides of carbon and nitrogen. Thermal decomposition may liberate acrylic monomers and ammonia. Explosive hydrogen gas is generated by the action of acid on most metals. Chlorine gas is released when acid is mixed with strong oxidizers. Reacts with formaldehyde to produce bischloromethyl ether, an OSHA regulated carcinogen.

===== SECTION 11 - TOXICOLOGICAL INFORMATION =====

SENSITIZATION:

None known.

CARCINOGENICITY:

There is no data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.

REPRODUCTIVE TOXICITY:

There is no data available to indicate any components present at greater than 0.1% may present reproductive toxicity.

TERATOGENICITY (BIRTH DEFECTS):

There is no data available to indicate any components present at greater than 0.1% may cause birth defects.

MUTAGENICITY:

There is no data to indicate that any component present at greater than 0.1% will alter DNA.

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===== SECTION 12 - ECOLOGICAL INFORMATION =====

ECOTOXICITY:

No data available.

PERSISTENCE AND DEGRADABILITY:

Not readily degradable.

BIOACCUMULATIVE POTENTIAL:

No data available.

MOBILITY IN SOIL:

No data available.

OTHER ADVERSE EFFECTS: No known effects or critical hazards. No data available. This product is an acidic and corrosive. It can be neutralized with lime.

===== SECTION 13 - DISPOSAL CONSIDERATIONS =====

Material is considered a hazardous waste under RCRA due to pH (less than or equal to 2 or greater than or equal to 12.5). Spills may be reportable to state and federal agencies under the Clean Water Act. Comply with all federal, state, and local environmental regulations concerning disposal.

===== SECTION 14 - TRANSPORT INFORMATION =====

PROPER SHIPPING NAME: (UN #, SHIPPING NAME, HAZARD CLASS, PACKING GROUP)

UN1789, Hydrochloric Acid Solution, 8, II

=====SECTION 15 - REGULATORY INFORMATION =====

US TOXIC SUBSTANCE CONTROL ACT (TSCA):

All ingredients of this product are listed, or are excluded from listing, on the US Toxic Substances Control Act (TSCA) chemical substance inventory.

SARA 302 EXTREMELY HAZARDOUS SUBSTANCE: None

SARA 311/312 HAZARDOUS CHEMICAL: See Section 3

SARA 313 (TRI REPORTING):

This product does contain a chemical(s) subject to the reporting requirements of SARA Title III, Section 313 (40CFR 372). See section 3.

STATE LISTED COMPONENTS	CAS NUMBER	STATE CODE
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CALIFORNIA PROPOSITION 65

This product does not contain a chemical known to the state of California to cause cancer, birth defects or reproductive harm, subject to the requirements of California Proposition 65.

=====SECTION 16 - OTHER INFORMATION =====

REVISION DATE: 11/30/18

This version replaces all previous versions. The information contained in this SDS and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Although certain hazards are described herein, The Sierra Company, LLC, cannot guarantee that these are the only hazards that exist. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall The Sierra Company, LLC, assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. The Sierra Company, LLC, expressly disclaims any representations and warranties of any kind, whether express or implied, as to the accuracy, completeness, non-infringement, merchantability and/or fitness for a particular purpose with respect to any information and recommendations provided. The Sierra Company, LLC, reserves the right to make any changes to the information and/or recommendations at

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any time, without prior subsequent notice.



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.



SAFETY DATA SHEET

SECTION 1 Product and Company Identification

Product

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

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

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.

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.

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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**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



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

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.

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.