

SAFETY DATA SHEET

SECTION 1 Product and Company Identification

Product

Product Name: [ColorTec 600WB \(WTB\) Part A](#)

Product Description: Water Based Pigmented Epoxy / Part A

Intended Use: Cementitious sealer / resin

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)

| | | |
|---|------------|------|
| Acute toxicity: oral | Category 4 | H302 |
| Acute toxicity: inhalation | Category 4 | H332 |
| Skin corrosion/irritation | Category 2 | H315 |
| Serious eye damage/eye irritation | Category 1 | H318 |
| Specific target organ toxicity (single exposure) Blood system, stomach | Category 1 | H370 |
| Specific target organ toxicity (single exposure) kidneys | Category 1 | H372 |

GHS Label Elements:

Hazard Symbol:



Signal Word: Danger

Label Hazard Statements:

H302: Harmful if swallowed.

H332: Harmful if inhaled.

H315: Causes skin irritation

H318: Causes serious eye damage.

H370: Causes damage to organs (blood system, stomach).



H372: Causes damage to organs through prolonged or repeated exposure (kidneys).

Label Precautionary Statements:

P280: Wear protective gloves/clothing and eye/face protection.

P271: Use only outdoors or in a well-ventilated area.

P260: Do not breathe vapor.

P270: Do not eat, drink or smoke when using this product.

P264: Wash hands thoroughly after handling.

P314: Get Medical advice/attention if you feel unwell.

P308+311: IF exposed or concerned: Call a POISON CENTER/ doctor

P304+340+311: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.

P301+312+330: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

P302+352+362+363: IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse.

P332+313: If skin irritation occurs: Get medical advice/attention.

P305+351+338+310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Immediately call a POISON CENTER/doctor.

P405: Store locked up.

P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

Hazard Ratings

| | health | flammability | reactivity |
|-------------|--------|--------------|------------|
| HMIS | 2 | 1 | 0 |

SECTION 3 Composition / Information on Ingredients

This material is regulated as a mixture

| Ingredient | CAS # | EC# | % (by weight) |
|-----------------------------------|--------------|-----|---------------|
| Hazardous | | | |
| Aliphatic polyamine (proprietary) | NA | NA | <26% |
| Ethylene glycol monopropyl ether | 2807-30-9 | | <8% |
| Titanium Dioxide* | 13463-67-7 | NE | <25% |
| Aluminum hydroxide* | 21645-51-2 | NE | <3% |
| Silicon dioxide, amorphous* | 7631-86-9 | NE | <3% |
| Non Hazardous | | | |
| | Trade secret | | <45% |

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

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

SECTION 4 First Aid Measures

Inhalation: Get medical attention immediately. Call a poison center or physician. Move to an area free from further exposure. Keep in a position that is comfortable for breathing. If it is expected that fumes are still present the rescuer should wear an appropriate mask or SCBA. If not breathing, if breathing is irregular, or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to provide mouth-to-mouth resuscitation. If unconscious place in a recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing, i.e. tie, belt, collar, or waistband.



Skin Contact: Get medical attention immediately. Call a poison center or physician. Flush contaminated skin with plenty of water. Wash contact areas with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash contaminated clothing before reuse. Clean shoes thoroughly before reuse.

Eye Contact: Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water for at least 15 minutes. Use lukewarm water if possible. Use fingers to ensure that eyelids are separated and that the eye is being irrigated. Then remove contact lenses, if easily removable, and continue eye irrigation for not less than 15 minutes. Get medical attention if irritation develops. Chemical burns must be treated promptly by a physician.

Ingestion: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Move to an area free from further exposure. Keep in a position that is comfortable for breathing. If victim has swallowed product, give small quantities of water to drink. Stop if victim feel sick. Do not induce vomiting, unless directed to do so. If vomiting occurs, keep head low so that stomach content does not get into the lungs. Chemical burns must be treated promptly by a physician. If unconscious place in a recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing, i.e. tie, belt, collar, or waistband.

Note to Physician: Treat symptomatically. Contact poison treatment specialist if large quantities have been ingested or inhaled.

SECTION 5 Fire Fighting Measures

Appropriate Extinguishing Media: Use a suitable extinguishing agent for surrounding fire.

Inappropriate Extinguishing Media: None known.

Fire Fighting Instructions: Wear self-contained breathing apparatus. Wear protective equipment.

Unusual Fire Hazards: Formation of carbon oxides and rupturing of vessels are possible during heating or in case of fire.

SECTION 6 Accidental Release Measures

Personal Precautions, Protective Equipment, Emergency Procedures: Isolate the area and prevent access of unauthorized personnel. Wear necessary personal protective equipment (PPE) as specified in the SDS or the site emergency response plan.

Methods and Materials for Containment and Clean-up: Control the source of the leak. Contain the released material by damming, diking, retaining, or diverting into an appropriate containment area. Move containers from the spill area. Dilute with water and mop up. Alternatively, absorb with liquid-binding material (sand, diatomite, universal binders, sawdust). Clean the affected area carefully; suitable cleaners are: Warm water. Dispose of as hazardous waste.

Environmental precautions: Do not allow to enter drainage system, surface or ground water.



SECTION 7 Handling and Storage

Handling: Do not breathe vapors, mists, or dusts. Use adequate ventilation to keep below the exposure limits. Wear respiratory protection if material is heated, sprayed, used in a confined space, or if the exposure limit is exceeded. Avoid contact with skin and eyes. Wear appropriate eye and skin protection. Wash thoroughly after handling. Do not re-seal if contamination is suspected.

Storage: Keep away from food and drink. Keep container tightly sealed. Store containers in a cool, well ventilated area. Do not reseal if contamination is suspected.

SECTION 8 Exposure Control / Personal Protection

Engineering controls: Ensure for good ventilation/suction.

Exposure limit values:

| Component | Value / Source | | | |
|--|----------------|----------------------|--|---------------------|
| Synthetic wax | TWA | 10 mg/m | Total – PNOC particulates not otherwise classified | ACGIH TLV |
| Synthetic wax | TWA | 10 mg/m ³ | Total – PNOC particulates not otherwise classified | OSHA PEL |
| Petroleum distillates, solvent dewaxed, light paraffinic 64742-56-9 | TWA | 5 mg/m ³ | Oil mist | ACGIH TLV |
| Petroleum distillates, solvent dewaxed, light paraffinic 64742-56-9 | TWA | 5 mg/m ³ | Oil mist | OSHA PEL |
| Petroleum distillates, solvent dewaxed, light paraffinic 64742-56-9 | STEL | 10 mg/m ³ | Oil mist | ACGIH TLV |
| Petroleum distillates, solvent dewaxed, heavy paraffinic 64742-65-0 | TWA | 5 mg/m ³ | Oil mist | ACGIH TLV |
| Petroleum distillates, solvent dewaxed, heavy paraffinic 64742-65-0 | STEL | 10 mg/m ³ | Oil mist | ACGIH TLV |
| Petroleum distillates, solvent dewaxed, heavy paraffinic 64742-65-0 | PEL | 5 mg/m ³ | Oil mist | OSHA PEL |
| 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*1 3463-67-7 | 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 fluid solution.*

Control parameters: Good industrial hygiene practice dictates that worker protection should be achieved through engineering controls, such as ventilation, whenever feasible. When such controls are not feasible to achieve full protection, the use of respirators and other personal protective equipment is mandated. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.



Personal Protection:

Respiratory protection: Suitable breathing mask when there is inadequate ventilation.

Hand protection: Suitable protective gloves, glove material has to be impermeable and resistant to the product.

Eye protection: When directly handling liquid product, eye protection is required. Examples of eye protection include a chemical safety goggle, or chemical safety goggle in combination with a full face shield when there is a greater risk of splash.

Skin and body protection: Avoid all skin contact. Depending on the conditions of use, cover as much of the exposed skin area as possible with appropriate clothing to prevent skin contact. Gloves, long sleeved shirts and pants.

SECTION 9 Physical and Chemical Properties

General

Appearance: Liquid

Color: Yellowish, whitish

Odor: Mild ammonia

Safety Data

pH: No data available

Melting point: No data available

Boiling point: 100-150 °C / 212-302 °F

Flash point: >93 °C / 200 °F

Evaporation rate: Not available

Flammability (solid, gas): Not available

Explosive limits: Not available

Vapor pressure: Not available

Vapor density: Not available

Relative density: Not available

Solubility(ies): Not available

Partition coefficient: Not available

Auto-ignition temperature: Not available

Decomposition temperature: Not available

Viscosity: Not available

SECTION 10 Stability and Reactivity

Stability: Stable under normal conditions.

Reactivity: Stable under normal conditions.

Conditions to avoid: Extremes of temperature and direct sunlight. All sources of ignition.

Materials to avoid: Strong acid, strong base, strong oxidizer.

Hazardous decomposition products: In normal conditions, should not occur.

Other hazards: Reacts with considerable heat with some curing agents.



SECTION 11 Toxicological Information

Route of Exposure: Not available

Potential acute health effects:

Eye contact: Causes serious damage.

Inhalation: Harmful if inhaled. May give off gas, vapor, or dust that is very irritating or corrosive to the respiratory system.

Skin contact: Causes skin irritation.

Ingestion: Harmful if swallowed. May cause burns to mouth, throat, and stomach.

Symptoms related to the physical, chemical, and toxicological characteristics:

Eye contact: Pain, watering, redness.

Inhalation: No data available.

Skin contact: Pain, irritation, redness, blistering.

Ingestion: Pain

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|-------------------|----------------------|-------------------------|
| Ethylene glycol monopropyl ether 2807-30-9 | 3089 mg/kg (Rat) | 870 mg/kg (Rabbit) | No data available |
| Synthetic wax | >5000 mg/kg (Rat) | >2000 mg/kg (Rabbit) | >6.3 mg/L (Rat) |
| Titanium Dioxide 13463-67-7 | 5000 mg/kg (Rat) | No data available | >6.82 mg/L (Rat) 4 h |

General: Causes damage to organs through prolonged or repeated exposure.

Carcinogenicity, Mutagenicity, Teratogenicity, Developmental effects, Fertility effects: No known significant effects or critical hazards.

SECTION 12 Ecological Information

Biological degradability data available.

Bio accumulative potential:

Ethylene glycol monopropyl ether (CAS 2807-30-9)

LogPow: 0.08

Potential: low

Eco toxicity: Toxic to aquatic life with long-lasting effects

| Chemical Name | CAS No | Species | LC50 (mg/L) | Exposure (Method) |
|---|------------|---------------------|-------------|-------------------|
| Synthetic wax | 64742-95-6 | Oncorhynchus mykiss | >1000 | 96 h |
| | | Daphnia magna | 140 | 48 h |
| Petroleum distillates, solvent dewaxed, light paraffinic | 64742-56-9 | Oncorhynchus mykiss | 5000 | 96 h |
| | | Daphnia magna | 1000 | 48 h |
| Petroleum distillates, solvent dewaxed, heavy paraffinic | 64742-65-0 | Oncorhynchus mykiss | 5000 | 96 h |
| | | Daphnia magna | 1000 | 48 h |



| | | | | |
|------------------|------------|------------------------------------|------|------|
| Titanium Dioxide | 13463-67-7 | Pseudokirchneriella subcapitata | 61 | 72 h |
| | | Daphnia magna | 1000 | 48 h |

Other adverse effects: None known.

SECTION 13 Disposal Considerations

Disposal instructions: Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 14 Transport Information

CFR: Not regulated for transport.

DOT

UN number: UN3082

UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (aliphatic polyamine)

Class: 9

Packing group: III

IMDG

UN number: UN3082

UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (aliphatic polyamine)

Class: 9

Packing group: III

SECTION 15 Regulatory Information

US federal regulations:

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): Not regulated.

TSCA Section 5(a)2 Final significant new use rules: Not listed

TSCA Section 5(a)2 Proposed significant new use rules: Not listed

TSCA Section 5(e) Substances consent order: Not listed

TSCA 8b US inventory: All components are listed or exempted

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 313 (TRI reporting): Ethanol, 2-propoxy- (CAS 2807-30-9)

State Right-To-Know Information

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the SDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

Massachusetts Right to Know Substance List: Petroleum distillates, solvent dewaxed, light paraffinic (CAS 64742-56-9)



California Proposition 65: This product contains no chemical(s) known to the State of California to be Carcinogenic.

International Inventories

Country(s) or region Inventory name on inventory (yes/no)*

Australia: Australian Inventory of Chemical Substances (AICS) Yes

Canada: Domestic Substances List (DSL) Yes

Canada: Non-Domestic Substances List (NDSL) Yes

China: Inventory of Existing Chemical Substances in China (IECSC) Yes

Japan: Inventory of Existing and New Chemical Substances (ENCS) Yes

Korea: Existing Chemicals List (ECL) Yes

New Zealand: New Zealand Inventory Yes

Philippines: Philippine Inventory of Chemicals and Chemical Substances (PICCS) Yes

Taiwan: (CSNN) Yes

**A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).*

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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.