

## SAFETY DATA SHEET

### SECTION 1 Product and Company Identification

#### Product

Product Name: [DK 600WB Part A](#)

Product Description: Water Based Epoxy Clear Coat / 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](mailto:info@surecretedesign.com) (e-mail)

1-352-521-0973 (facsimile)

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### 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 sensitizer	Category 1	H317
Eye irritation	Category 2	H319
Suspected of fertility or fetal damage	Category 2	H361fd
Aquatic toxicity, acute	Category 1	H400
Aquatic toxicity, chronic	Category 1	H410

#### GHS Label Elements:

##### Hazard Symbol:



**Signal Word: Danger**

#### Label Hazard Statements:

H302: Harmful if swallowed.

H361: Suspected of damaging fertility or the unborn child.

H314: Causes severe skin burns and eye damage.

H317: May cause an allergic skin reaction.

H411: Toxic to aquatic life with long-lasting effects.



### Label Precautionary Statements:

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

P202: Do not handle until all safety precautions have been read and understood.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P308+313: IF exposed: Call a POISON CENTER or doctor/physician.

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

### Hazard Ratings

	<i>health</i>	<i>flammability</i>	<i>reactivity</i>
<b>HMIS</b>	3*	1	0
<b>NEPA</b>	3	1	0

\*Indicates a long term health hazard from repeated or prolonged exposures.

### SECTION 3 Composition / Information on Ingredients

This material is regulated as a mixture

<b>Ingredient</b>	<b>CAS #</b>	<b>EC#</b>	<b>% (by weight)</b>
<b>Hazardous</b>			
Benzyl alcohol	100-51-6	202-859-9	<40%
Cyclohexanemethanamine 5-amino-1,3,3 trimethyl-, reaction products with bisphenol A diglycidyl ether homopolymer	68609-08-5	NE	<40%
Polyetheramine	9046-10-0	NE	<20%
3-aminoethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	220-666-8	<30%
nonylphenol	25154-52-3	246-672-0	<10%

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

### SECTION 4 First Aid Measures

**General Information:** Immediately remove contaminated clothing and shoes. Symptoms of poisoning may occur after several hours. Therefore, medical observation must be established for at least 48 hours following the accident.

**Inhalation:** Supply fresh air. Consult doctor in case of complaints. Provide oxygen treatment in case person has difficulty breathing.

**Skin Contact:** Do not pull solidified product off the skin. Immediately flush contaminated skin with plenty of water. If skin irritation continues, consult a doctor. Chemical burns must be treated promptly by a physician.

**Eye Contact:** Protect unharmed eye. Remove contact lenses, if worn and easily removable. Flush opened eyes with plenty of water, then get medical attention.

**Ingestion:** Wash out mouth with water. Drink plenty of water. Do not induce vomiting. Get medical attention immediately.

**Most important symptoms both acute and delayed:** Allergic reactions, caustic effect on skin and mucous membranes, cramp, headache, breathing difficulty, dizziness.



**Hazards:** Condition may deteriorate with alcohol consumption, danger of gastric perforation, danger of severe eye injury.

**Indication of any immediate medical attention and special treatment needed:** If swallowed or in case of vomiting, danger of entering the lungs. If necessary oxygen respiration treatment. Medical supervision for at least 48 hours.

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## **SECTION 5 Fire Fighting Measures**

**Appropriate Extinguishing Media:** CO<sub>2</sub>, powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Inappropriate Extinguishing Media:** Water with full jet.

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

**Unusual Fire Hazards:** Formation of toxic gases is possible during heating or in case of fire.

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## **SECTION 6 Accidental Release Measures**

**Personal Precautions, Protective Equipment, Emergency Procedures:** Use respiratory device against the effects of fumes/dust/aerosol. Wear protective equipment. Prevent access of unauthorized personnel.

**Methods and Materials for Containment and Clean-up:** Allow to solidify. Pickup mechanically. Absorb liquid components with liquid-binding material. Dispose of as hazardous waste.

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

**Reference to other sections:** See section 7 for safe handling, see section 8 for PPE, see section 13 for disposal.

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## **SECTION 7 Handling and Storage**

**Handling:** Use only in well ventilated areas. Avoid splashes or spray in enclosed areas.

**Storage:** Store in original container. Avoid storage near extreme heat, ignition sources, or open flame. Keep away from food and drink. Keep container tightly sealed. Store containers in a cool, well ventilated area. Do not store together with oxidizing and acidic materials.

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## **SECTION 8 Exposure Control / Personal Protection**

**Engineering controls:** Ensure for good ventilation/suction.

**Exposure limit values:** Benzyl alcohol (CAS 100-51-6) WEEL (USA) Long-term value 10 ppm.

### **Personal protection equipment:**

*Respiratory protection:* Not required under normal use. Suitable breathing mask when there is inadequate ventilation or aerosol/fumes/mist are present.

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



product. Suitable materials may be butyl rubber, nitrile rubber, neoprene. Consider breakthrough time established by glove manufacturer.

*Eye protection:* When directly handling liquid product, eye protection (safety glasses) is required. Contact lenses should not be worn.

*Skin and body protection:* 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.

*General:* The usual precautionary measures are to be adhered to when handling chemicals. Keep away from food, beverages. Immediately remove contaminated clothing. Do not inhale gases/fumes/aerosols. Avoid contact with skin and eyes. Pregnant women should strictly avoid inhalation or skin contact. Clean skin thoroughly immediately after handling the product.

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## SECTION 9 Physical and Chemical Properties

### General

Appearance: Liquid

Color: Clear to straw colored

Odor: Mild ammonia

Odor threshold: Not determined

### Safety Data

pH: alkaline

Melting point: No data available

Boiling point: 205 °C / 400 °F

Flash point: 96 °C / 205 °F

Evaporation rate: Not available

Flammability (solid, gas): Not applicable

Explosive limits: upper 13% / lower 1%

Vapor pressure @ 25 °C: <1 mmHg

Density @ 20 °C: 1.02 gm/cm<sup>3</sup>

Relative density: Not available

Solubility(ies): Slightly soluble

Partition coefficient: Not available

Auto-ignition temperature: Not available

Decomposition temperature: Not available

Viscosity:

Dynamic @ 25 °C: 1000 cps

Kinematic: Not determined

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## SECTION 10 Stability and Reactivity

**Stability:** Stable under normal conditions.

**Reactivity:** Stable under normal conditions.

**Thermal decomposition:** No decomposition if stored and used according to specifications.

**Possibility of hazardous reactions:** Reacts with strong acids and oxidizing agents. Corrodes copper and brass.

**Conditions to avoid:** Store away from oxidizing agents.



**Materials to avoid:** No further relevant information available.

**Hazardous decomposition products:** Carbon dioxide and carbon monoxide. Ammonia. Nitrous oxides.

## SECTION 11 Toxicological Information

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Benzyl alcohol 100-51-6	1230 mg/kg (Rat)	2000 mg/kg (Rabbit)	No data available
Cyclohexanemethanamine 5-amino-1,3,3-trimethyl-, reaction products with bisphenol A diglycidyl ether homopolymer 68609-08-5	3100 mg/kg (Rat)	No data available	No data available
3-aminoethyl-3,5,5-trimethylcyclohexylamine 2855-13-2	1030 mg/kg (Rat)	No data available	No data available
Nonylphenol 25154-52-3	1620 mg/kg (Rat)	No data available	No data available

#### Primary irritant effect:

**Skin:** Caustic effect on skin and mucous membranes.

**Eye:** Strong caustic effect.

**Sensitization:** Sensitization possible through skin contact.

**Subacute to chronic toxicity:** Inhalation of concentrated vapors as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.

**Additional toxicological information:** Danger through skin absorption. Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of the esophagus and stomach. Toxic and/or corrosive effects may be delayed up to 12 hours.

**Acute effects (acute toxicity, irritation, corrosivity):** Vapors have a narcotic effect.

**Repeated dose toxicity:** May cause damage to organs through prolonged or repeated exposure. Repeated exposures may result in skin and/or respiratory sensitivity.

**Carcinogenicity, Mutagenicity, Reproductive effects:** Repr.2.

## SECTION 12 Ecological Information

**Bio accumulative potential:** No further relevant information known.

**Mobility in soil:** No further relevant information known.

**Eco toxicity:** Toxic to aquatic organisms. The product is oxygen-consuming. The declared action may be partly caused by lack of oxygen. Due to mechanical actions of the product (e.g. agglutinations) damages may occur.



**Additional ecological information:** Water hazard class 3 (German Regulations / self-assessment): extremely hazardous for water. Do not allow product to reach ground water, water course, or sewage system, even in small quantities. Must not reach sewage water or drainage ditch undiluted or unneutralized. Danger to drinking water even if small quantities leak into the ground.

Also poisonous for fish, plankton, and aquatic organisms in water bodies. Due to available data eliminability/decomposition and bio-accumulative potential, potential long-term damage to the environment cannot be excluded.

Rinse off of bigger amounts into drains or aquatic environment may lead to increased pH values. A high pH harms aquatic organisms.

**Other adverse effects:** None known.

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### SECTION 13 Disposal Considerations

**Disposal instructions:** Must not be disposed together with household garbage. Do not allow product to reach sewage system. May be burned with household garbage after consulting with proper authorities. May be disposed together with household garbage after solidification of product, and after consulting with proper authorities. Dispose of contents/container in accordance with local/regional/national/international regulations.

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### Section 14 Transport Information

#### DOT

**UN number:** UN1760

**UN proper shipping name:** Corrosive Liquids, N.O.S. (Isophoronediamine, Polyetheramine)

**Class:** 8

**Packing group:** III

#### IATA

**UN number:** UN1760

**UN proper shipping name:** Corrosive Liquids, N.O.S. (Isophoronediamine, Polyetheramine)

**Class:** 8

**Packing group:** III

#### IMDG

**UN number:** UN1760

**UN proper shipping name:** Corrosive Liquids, N.O.S. (Isophoronediamine, Polyetheramine)

**Class:** 8

**Packing group:** III

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### SECTION 15 Regulatory Information

#### US federal regulations:

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

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**SARA 313 (TRI reporting):** None listed

**EPA, IARC Carcinogenic categories:** None listed



**California Prop. 65:** This product contains chemical(s) known to the State of California to cause cancer, reproductive and developmental toxicity: benzene (CAS 71-43-2)

#### **International Inventories**

Canada: Non-Domestic Substances List (NDSL) - listed

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#### **SECTION 16 Other Information**

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

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*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.*