

SAFETY DATA SHEET

SECTION 1 Product and Company Identification

Product

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

Product Description: Water Based Epoxy Clear Coat / Part B

Intended Use: Cementitious sealer / catalyst

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: dermal	Category 4	H312
Acute toxicity: inhalation	Category 4	H332
Skin corrosion/irritation	Category 3	H315
Serious eye damage/eye irritation	Category 2B	H319
Skin sensitizer	Category 1	H317

GHS Label Elements:

Hazard Symbol:



Signal Word: Warning

Label Hazard Statements:

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.



Label Precautionary Statements:

- P261: Avoid breathing dust/fumes/gas/mist/vapors/spray.
 P280: Wear protective gloves/clothing and eye/face protection.
 P271: Use only outdoors or in a well-ventilated area.
 P270: Do not eat, drink or smoke when using this product.
 P301+312+330: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
 P302+352: IF ON SKIN: Wash with plenty of soap and water.
 P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
 P332+337+350+313: If skin/eyes irritation occurs, wash with plenty of soap and water and get medical advice/attention.
 P410+403: Store container tightly closed in well-ventilated place.
 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
 P332+313: If skin irritation occurs: Get medical advice/attention.
 P273: Avoid release to the environment.

Hazard Ratings

	<i>health</i>	<i>flammability</i>	<i>reactivity</i>
HMIS	2	2	0
NFPA	2	2	0

SECTION 3 Composition / Information on Ingredients

This material is regulated as a mixture

Ingredient	CAS #	EC#	% (by weight)
Hazardous			
Bisphenol-A epoxy resin	25068-38-6	NE	<81%
2-butoxyethanol	111-76-2	203-905-0	<26%

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

SECTION 4 First Aid Measures

Inhalation: Remove to fresh air. Get medical attention if any discomfort continues.

Skin Contact: Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

Eye Contact: Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes. Do not apply neutralizing agents. Get medical attention immediately. Continue to rinse.

Ingestion: Rinse nose, mouth and throat with water. Drink plenty of water. Do NOT induce vomiting. Get medical attention immediately!

Note to Physician: Treat symptomatically and supportively.



SECTION 5 Fire Fighting Measures

Appropriate Extinguishing Media: Foam, dry powder, carbon dioxide, water fog.

Inappropriate Extinguishing Media: High pressure water jet, which will spread fire.

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

Unusual Fire Hazards: Formation of carbon oxides, toxic gases, 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. Keep away ignition sources. Use spark-proof tools. Provide ventilation.

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 away from the spill area. 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 use in confined spaces without adequate ventilation and/or respirator. Keep away from heat, sparks and open flame. Use grounded equipment. Avoid inhalation of vapors/spray and contact with skin and eyes.

Storage: Keep away from food and drink. Store in tightly closed original container in a dry, cool and well-ventilated place. Protect from light, including direct sunrays. Suitable containers: mild steel, stainless steel. Unsuitable containers: aluminum, copper.

Incompatibilities: Strong oxidizing substances. Strong acids.

SECTION 8 Exposure Control / Personal Protection

Engineering controls: Ensure for good ventilation/suction.

Exposure limit values: 2-butoxyethanol (CAS 111-76-2)

Regulator	Test	Allowance
Industry Dermal Short Term	DNEL	89 mg/kg/day
Industry Inhalation Short Term	DNEL	246 mg/m ³
Industry Dermal Long Term	DNEL	75 mg/kg/day
Industry Inhalation Long Term	DNEL	98 mg/m ³
Consumer Dermal Short Term	DNEL	44.5 mg/kg/day
Consumer Inhalation Short Term	DNEL	123 mg/m ³



Consumer Oral Short Term	DNEL	13.4 mg/kg/day
Consumer Dermal Long Term	DNEL	38 mg/kg/day
Consumer Inhalation Long Term	DNEL	49 mg/m ³
Freshwater	PNEC	8.8 mg/l
Marine water	PNEC	0.88 mg/l
Sediment Freshwater	PNEC	8.14 mg/kg
Soil	PNEC	2.8 mg/kg
STP	PNEC	463 mg/l

Engineering controls: Ensure for good ventilation/suction. An emergency eye wash/shower must be readily accessible to the work area.

Personal protection equipment:

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

Odor: Mild

Safety Data

pH: No data available

Melting point: No data available

Boiling point: Not available

Flash point: >67 °C / 148 °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): Practically insoluble in water

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: Avoid static electricity discharge. Heat and flames and other sources of ignition.

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

Hazardous decomposition products: In fire, carbon oxides and toxic fumes may be generated.

SECTION 11 Toxicological Information

Route of Exposure: Not available

Potential acute health effects

Eye contact: Irritation of eyes and mucous membranes.

Inhalation: Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness; nausea or vomiting; headache; unconsciousness

Skin contact: Skin irritation.

Ingestion: May cause nausea, headache, dizziness and intoxication. Central nervous system depression. Metallic taste.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
2-butoxyethanol (CAS 111-76-2)	1300 mg/kg (Rat)	>2000 mg/kg (Rat)	2.2 mg/L 4h (Rat)
Bisphenol-A epoxy resin (CAS 25068-38-6)	10000-11400 mg/kg Body weight	No data available	No data available

Carcinogenicity: No component of this product is identified as probable, possible or confirmed human carcinogen.

SECTION 12 Ecological Information

Biological degradability: Not readily biodegradable.

Bio accumulative potential: No data available.

Eco toxicity: Toxic to aquatic organisms. (LC50 between 1 and 10 mg/L)

Chemical Name	Species	LC/EC50 (mg/L)	Exposure (Method)
2-butoxyethanol (CAS 111-76-2)	Bluegill Sunfish	>100	96 h
	Daphnia magna	1550	48 h
	Desmodesmus subspicatus	100	7 d
Bisphenol-A epoxy resin (CAS 25068-38-6)	Aquatic organisms	1 - 10	

SECTION 13 Disposal Considerations

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



regulations.

Section 14 Transport Information

Product is only regulated for bulk shipments in North America

UN number: NA1993

UN proper shipping name: Combustible Liquid N.O.S. (Ethylene Glycol Monobutyl Ether)

Class: 3

Packing group: III

Marine Pollutant: No

Labels & Placards: COMBUSTIBLE

IATA: not regulated

IMDG: not regulated

SECTION 15 Regulatory Information

US federal regulations:

TSCA: 2-butoxyethanol (CAS# 111-76-2) is listed on the TSCA inventory.

OSHA: None of the chemicals in this product are considered highly hazardous by OSHA.

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.

California, New Jersey, Florida, Pennsylvania, Minnesota, Massachusetts Right to Know Substance List:

2-butoxyethanol (CAS# 111-76-2)

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.







