

SAFETY DATA SHEET

SECTION 1 Product and Company Identification

Product

Product Name: [DK 500 Part A](#)

Product Description: Think Build Epoxy 100% Solids / Part A

Intended Use: High performance interior epoxy floor coating / 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

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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)

Skin corrosion/irritation	Category 3	H315
Serious eye damage/eye irritation	Category 2B	H320
Skin sensitizer	Category 1	H317

GHS Label Elements:

Hazard Symbol:



Signal Word: Warning

Label Hazard Statements:

H315: Causes skin irritation.

H316: May cause mild skin irritating.

H320: May cause eye irritating.

H317: May cause allergic skin reaction.

Label Precautionary Statements:

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

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.
P273: Avoid release to the environment.

Hazard Ratings

	<i>health</i>	<i>flammability</i>	<i>reactivity</i>
HMIS	1	1	0
NFPA	1	1	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	<87%
Glycidyl ether C12-C14 alcohols	68609-97-2	271-846-8	<19%
Non Hazardous			
	Trade secret		<3%

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 of composition has been withheld as a trade secret.

SECTION 4 First Aid Measures

Inhalation: Move to fresh air. Seek medical advice if symptoms persist.

Skin Contact: Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.

Eye Contact: Flush thoroughly with water. Seek medical advice.

Ingestion: Seek immediate medical attention. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content does not get into the lungs.

Note to Physician: No further relevant information available.

SECTION 5 Fire Fighting Measures

Appropriate Extinguishing Media: Foam, CO₂, Dry chemical, water spray or fog.

Inappropriate Extinguishing Media: Solid streams of water; high pressure water 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.

SECTION 6 Accidental Release Measures

Personal Precautions, Protective Equipment, Emergency Procedures: Keep away ignition sources. Wear suitable protective equipment.



Methods and Materials for Containment and Clean-up: Absorb with liquid-binding material (sand, diatomite, acid binders, 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: Ensure good ventilation/suction at the workplace. Avoid open flames and sources of ignition.

Storage: Keep away from food and drink. Keep container tightly sealed. Store containers in a well ventilated area.

SECTION 8 Exposure Control / Personal Protection

Engineering controls: Ensure for good ventilation/suction.

Control parameters: None.

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: protective goggles.

Skin and body protection: suitable protective clothes and boots.

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 applicable

Flash point: >142 °C / 288 °F

Evaporation rate: Not applicable

Flammability (solid, gas): Not applicable

Explosive limits: Not applicable

Vapor pressure: Not applicable

Vapor density: Not applicable

Relative density: (20 °C / 68 °F) 1.16 g/cm³

Solubility(ies):(20 °C / 68 °F) practically insoluble in water.

Partition coefficient: Not applicable

Auto-ignition temperature: 235 °C / 455 °F

Decomposition temperature: Not applicable

Viscosity: (25 °C / 77 °F) 12000~15000cps



SECTION 10 Stability and Reactivity

Stability: Stable under normal conditions.

Reactivity: Not available.

Conditions to avoid: Avoid static electricity discharge.

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

Hazardous decomposition products: In fire toxic fumes may be generated. Carbon monoxide and carbon dioxide.

SECTION 11 Toxicological Information

Route of Exposure

Eye Contact: Irritating to eyes.

Skin Contact: Irritating to skin.

Sensitization: Sensitization possible through skin contact.

Component Information

Chemical Name	Oral LD50	Dermal LD50
Bisphenol-A epoxy resin 25068-38-6	10000 ~ 11400 mg/kg	No data available
Glycidyl ether C12-C14 alcohols 68609-97-2	19200 mg/kg (Rat)	> 4500 mg/kg (Rabbit)

Carcinogenic categories:

IARC (International Agency for Research on Cancer)

Substance is not listed.

NTP (National Toxicology Program)

Substance is not listed.

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)

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

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:

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

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not listed

CERCLA Hazardous Substance List (40 CFR 302.4): Not listed

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories: Not listed

SARA 302 Extremely hazardous substance: Not listed.

SARA 311/312 Hazardous chemical: No

SARA 313 (TRI reporting): Not listed

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not listed

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): Not regulated.

Clean Water Act (CWA) Section 112(r) (40 CFR 68.130): Not listed

Safe Drinking Water Act (SDWA): Not listed

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.