

SAFETY DATA SHEET

SECTION 1 Product and Company Identification

Product

Product Name: [DK 500](#) & [ColorTec 500](#) (E) Part B

Product Description: Curing Agent for Thick Build Epoxy 100% Solids "ECONOMY" / Part B

Intended Use: High performance interior epoxy floor coating / 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+H312
Acute toxicity (inhalation)	Category 4	H332
Skin corrosion	Category 1B	H314
Serious eye damage	Category 1	H318
Skin sensitization	Category 1	H317
Reproductive toxicity	Category 2	H361fd
Acute aquatic toxicity	Category 2	H400
Chronic aquatic hazard	Category 1	H410

GHS Label Elements:

Hazard Symbol:



Signal Word: Danger

Label Hazard Statements:

H302+H312: Harmful if swallowed or in contact with skin.

H314: Causes severe skin burns and eye damage.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H332: Harmful if inhaled.



H361fd: Suspected of damaging fertility or the unborn child.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

Label Precautionary Statements:

P201: Obtain special instructions before use.

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

P260: Do not breathe dust/fumes/gas/mist/vapors/spray.

P261: Avoid breathing dust/fumes/gas/mist/vapors/spray.

P264: Wash ... thoroughly after handling.

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

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

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

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

P302+P352: If on skin: Wash with soap and water.

P303+P361+P353+310: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER/doctor.

P305+P351+P338+P310: 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 or doctor/physician.

P337+P313: If eye irritation persists: Get medical advice/attention.

P301+P330+P331+P310: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

P304+340+310: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.

P321: Specific treatment (see supplemental first aid instructions on this label).

P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.

P363: Wash contaminated clothing before reuse.

P391: Collect spillage.

P405: Store locked up.

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

Hazard Ratings

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

SECTION 3 Composition / Information on Ingredients

This material is regulated as a mixture

Ingredient	CAS #	EC#	% (by weight)
Hazardous			
nonylphenol	84852-15-3	284-325-5	<52%
1-Piperazineethanamine	140-31-8	NE	<9%
Poly(propylene glycol) bis(2-aminopropyl ether)	9046-10-0	NE	<46%
Aliphatic Amine Adduct	Trade secret	NE	<19%
Aliphatic Amine Adduct	Trade secret	NE	<9%
Benzyl alcohol	100-51-6	202-859-9	<2%
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2	202-013-9	<7%

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



SECTION 4 First Aid Measures

General Information: Take affected persons out into the fresh air. Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours; therefore, medical observation for at least 48 hours after the accident.

Inhalation: Immediately call a POISON CONTROL CENTER or seek medical attention. Take precautions to ensure your own safety. Remove source of exposure or move person to fresh air and keep comfortable for breathing. If breathing has stopped, trained personnel should begin rescue breathing. Avoid mouth-to-mouth contact by using a barrier device. If the heart has stopped, immediately start cardiopulmonary resuscitation (CPR).

Skin Contact: Immediately call a POISON CONTROL CENTER or seek medical attention. Avoid direct contact and wear chemical protective clothing, if necessary. Immediately take off all contaminated clothing. Wash with plenty of water / soap and rinse thoroughly until medical aid is available. Gently blot or brush away excess product. Wash contaminated clothing before reuse or discard.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CONTROL CENTER or seek medical attention.

Ingestion: Immediately call a POISON CONTROL CENTER or seek medical attention. Rinse mouth and do not induce vomiting. If breathing has stopped, trained personnel should begin rescue breathing. Avoid mouth-to-mouth contact by using supplied air / barrier device. If the heart has stopped, immediately start cardiopulmonary resuscitation (CPR).

Most important symptoms and effects, both acute and delayed: No information available

Hazards: Danger of disturbed cardiac rhythm.

Indication of any immediate medical attention and special treatment needed: No information available

SECTION 5 Fire Fighting Measures

Appropriate Extinguishing Media: Use Water (fog only), dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

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: Thermal decomposition can lead to release of irritating gases and vapors. Carbon oxides.

Additional information: None.

SECTION 6 Accidental Release Measures

Personal Precautions, Protective Equipment, Emergency Procedures: Wear recommended personal protective equipment. Ensure adequate ventilation. Ensure air handling systems are operational. Avoid breathing vapors, gas, or mist.

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 and cleansing agent. Dispose of as hazardous waste.

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

SECTION 7 Handling and Storage

Handling: Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Do not eat, drink, smoke or use personal products when handling chemical substances. Wash thoroughly after handling. Do not swallow. Do not get in eyes, on skin, or on clothing. Do not breathe mist or vapor.

Storage: Store in a cool, well-ventilated area. Protect from freezing and physical damage. Keep container tightly sealed. Hold bulk storage under a nitrogen blanket.

SECTION 8 Exposure Control / Personal Protection

Ingredients with limit values that require monitoring at the workplace:

100-51-6 Benzyl alcohol / WEEL: 10ppm TWA

Appropriate engineering controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Respiratory protection: Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use a NIOSH-approved respirator.

Eye protection: Wear chemical splash goggles and face shield when eye and face contact is possible due to splashing or spraying of material.

Skin and body protection: Select glove material impermeable and resistant to the substance. Suitable gloves can be recommended by supplier.

General hygienic measures: Wash hands before breaks and at the end of work. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reusing.

SECTION 9 Physical and Chemical Properties

General

Appearance: Liquid
Color: Light yellowish
Odor: Ammonia-like

Safety Data

pH: No data available
Melting point: No data available
Boiling point: >225°C / >437°F
Flash point: >100°C / >212°F



Evaporation rate: No data available
 Flammability (solid, gas): No data available
 Explosive limits:
 Lower: 1.0 Vol %
 Upper: 10.5 Vol %
 Vapor pressure at 20°C: 0.1 hPa
 Vapor density: No data available
 Relative density: No data available
 Solubility in / Miscibility with water: Fully miscible
 Partition coefficient: No data available
 Ignition temperature: No data available
 Decomposition temperature: No data available
 Dynamic Viscosity: 400 mPas
 Kinematic Viscosity: No data available

SECTION 10 Stability and Reactivity

Stability: Stable under normal conditions.

Reactivity: Does not react under normal conditions of use and storage.

Conditions to avoid: None known.

Materials to avoid: Reacts with strong acids and oxidizing agents. Reacts with peroxides and other radical forming substances. Reacts with strong alkali. Exothermic polymerization.

Hazardous decomposition products: Carbon monoxide and carbon dioxide. Nitrogen oxides (NO_x).

SECTION 11 Toxicological Information

Exposure routes: No information available.

Acute Toxicity:

Component Information

Chemical Name	Oral LD50
Benzyl alcohol 100-51-6	1230 mg/kg (Rat)
nonylphenol 84852-15-3	1350 mg/kg (Rat)
1-Piperazineethanamine 140-31-8	1500 mg/kg (Chicken)

Skin corrosion/irritation:

Poly(propylene glycol) bis(2-aminopropyl ether): Corrosive to the skin.

Aliphatic Amine Adduct: Corrosive to the skin.

Nonyl phenol: Corrosive to the skin.

Aliphatic Amine Adduct: Corrosive to the skin.

1-Piperazineethanamine: Corrosive to the skin.

**Serious eye damage/irritation:**

Aliphatic Amine Adduct: Corrosive effect on the eyes.

Poly(propylene glycol) bis(2-aminopropyl ether): Corrosive effect on the eyes.

Nonyl phenol: Corrosive to the eyes.

Aliphatic Amine Adduct: Corrosive effect on the eyes.

Benzyl Alcohol: Eye irritant

Respiratory or skin sensitization:

1-Piperazineethanamin: Sensitization possible through skin contact.

Aliphatic Amine Adduct: Sensitization possible through skin contact.

Aliphatic Amine Adduct: Sensitization possible through skin contact.

Carcinogenicity:**IARC (International Agency for Research on Cancer):** None of the ingredients are listed.**NTP (National Toxicology Program):** None of the ingredients are listed.**Germ cell mutagenicity:** No data available**Reproductive toxicity:****Nonyl phenol:** Suspected human reproductive toxicant.**STOT-single and repeated exposure:**

No information available.

Aspiration toxicity:

No information available.

Additional toxicological information

No information available.

SECTION 12 Ecological Information**Toxicity to Fish Algae/Aquatic Plants, Microorganisms and Crustacea**

Chemical Name	Fish LC50	Crustacea EC50	Aquatic plants EC50
4-nonylphenl, branched 84852-15-3	Lepomis macrochirus 0.029 mg/L 96 h	Daphnia Magna 0.0844 mg/L 48 h	Selenastrum capricornutum 0.33 mg/L 72 h
Poly(propylene glycol) bis(2-aminopropyl ether) 9046-10-0	No data available	No data available	Pseudokirchneriella subcapitata 15mg/L 72h
Benzyl alcohol 100-51-6	Lepomis macrochirus 10 mg/L 96 h Pimephales promelas 460 mg/l 96 h	Daphnia Magna 230 mg/l 48 h	No data available

Persistence and degradability: No information available.**Bio accumulative potential:** No information available.



Mobility in soil: No information available.

Other adverse effects: No information available.

SECTION 13 Disposal Considerations

Disposal instructions: It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory agencies.

Section 14 Transport Information

International transport regulations

DOT

UN number: UN2735

UN proper shipping name: UN2735, Amines, Liquid, Corrosive N.O.S. (Nonylphenol, Polyetheramine), 8, III, Marine Pollutant

Class: 8 Corrosive substances.

Packing group: III

IATA

UN number: UN2735

UN proper shipping name: UN2735, Amines, Liquid, Corrosive N.O.S. (Nonylphenol, Polyetheramine), 8, III, Marine Pollutant

Class: 8 Corrosive substances.

Packing group: III

IMDG

UN number: UN2735

UN proper shipping name: UN2735, Amines, Liquid, Corrosive N.O.S. (Nonylphenol, Polyetheramine), 8, III, Marine Pollutant

Class: 8 Corrosive substances.

Packing group: III

SECTION 15 Regulatory Information

US federal regulations:

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): All ingredients listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance: Not listed.

SARA 311/312 Hazardous chemical: Acute Health Hazard, Chronic Health Hazard.

SARA 313 (TRI reporting): Nonyl phenol (CAS 84852-15-3)

US state regulations

US. New Jersey Worker and Community Right-to-Know Act:

4-Nonylphenol, branched (CAS 84852-15-3)

Benzyl Alcohol (CAS 100-51-6)



US. Pennsylvania Worker and Community Right-to-Know Law:

4-Nonylphenol, branched (CAS 84852-15-3)

Benzyl Alcohol (CAS 100-51-6)

US. Massachusetts Right-to-Know Law

Benzyl Alcohol (CAS 100-51-6)

US. California Proposition 65:

None of the ingredients is listed.

Canada

DSL (Canadian Domestic Substances List): All ingredients are 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.