

## SAFETY DATA SHEET

### STERI-CRETE TOPCOAT COMPONENT A

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** STERI-CRETE TOPCOAT COMPONENT A

**PRODUCT CODE:** #STCRTA

**PRODUCT USE:** Resin Component - 2 Part Epoxy Coating

**MANUFACTURER**

DUDICK, INC.

1818 MILLER PARKWAY

STREETSBORO, OH, 44241

330-562-1970

**24 HR. EMERGENCY TELEPHONE NUMBER**

**CHEM-TEL (US Transportation):** (800)255-3924

**CHEM-TEL (International Transportation) :** +01(813)248-0585

#### 2. HAZARDS IDENTIFICATION

**CLASSIFICATION:**

Skin Sensitizer - Category 1

**GHS LABEL ELEMENTS:**



**SIGNAL WORD:** Warning

**HAZARD STATEMENTS:**

H317 May cause an allergic skin reaction.

**PRECAUTIONARY STATEMENTS :**

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

P362 Take off contaminated clothing and wash before reuse.

P501 Dispose of contents/container in accordance with local, regional, and federal regulations.

P261 Avoid breathing vapors/spray.

P264 Wash all contacted body parts thoroughly after handling.

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

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

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

<b>DATE PRINTED</b>	5/21/2015
<b>SDS REF. No :</b>	#STCRTA

### 3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Chemical Name	Weight %	CAS Number
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	40% to 60%	25068-38-6
Cyclohexanol,4,4'-(1-methylethydene)bis-,polymer with (chloromethyl)oxirane	25% to 40%	30583-72-3
Cyclohexanedimethanol diglycidyl ether	15% to 25%	14228-73-0
2-Propenoic acid, 2-ethyl-2-[[[1-oxo-2-propenyl)oxy]methyl]-1,3-propanediyl ester	5% to 10%	15625-89-5
Epoxy phenol novolac resin	0% to 5%	28064-14-4

No further information available for this product.

### 4. FIRST AID MEASURES

**EYES:** Hold open eyelids and flush with copious amounts of water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, get medical advice/attention.

**SKIN:** Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

**INGESTION:** Do not induce vomiting. Rinse mouth out and give plenty of water. Never give anything by mouth to an unconscious person. Consult physician.

**INHALATION:** If not breathing, give artificial respiration; if by mouth to mouth use rescuer protection (pocket mask etc.).

If breathing is difficult, oxygen should be administered by qualified personnel.

Consult a physician after significant exposure. Move person to fresh air. If unconscious place in recovery position and seek medical advice.

**NOTES TO PHYSICIAN:** No data available for this product.

### 5. FIRE FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** Alcohol resistant foam; Carbon Dioxide (CO<sub>2</sub>); dry chemical; dry sand; use water to keep containers cool.

**UNSUITABLE EXTINGUISHING MEDIA:** No data available for this product.

**SPECIFIC HAZARDS IN CASE OF FIRE:** Burning may produce noxious and toxic fumes. Incomplete combustion may form carbon monoxide.

Product is not considered a fire hazard, but will burn if ignited. Closed containers may rupture (due to build up in pressure) when exposed to extreme heat.

**SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTION FOR FIRE FIGHTERS:** Wear self-contained breathing apparatus (SCBA) in positive pressure mode and full protective clothing.

### 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Isolate area. Keep unnecessary and unprotected personnel from entering the area. Use appropriate safety equipment.

**ENVIRONMENTAL PRECAUTIONS:** Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

**METHOD AND MATERIALS FOR CONTAINMENT AND CLEANING UP:** Contain spilled material if possible. Absorb with materials such as: Sand. Polypropylene fiber products. Polyethylene fiber

<b>DATE PRINTED</b>	5/21/2015
<b>SDS REF. No :</b>	#STCRTA

products. Remove residual with soap and hot water. Collect in suitable and properly labeled containers. Residual can be removed with solvent. Solvents are not recommended for clean-up unless the recommended exposure guidelines and safe handling practices for the specific solvent are followed. Consult appropriate solvent Safety Data Sheet for handling information and exposure guidelines.

## 7. HANDLING AND STORAGE

### **PRECAUTIONS FOR SAFE HANDLING:** General Handling:

Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Application of a direct flame to a container containing liquid epoxy resin can cause explosion and/or fire.

**CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES:** Do not store near incompatibles (strong oxidizers, acids, alkalis). Do not store near excessive heat or near sources of ignition. Keep container tightly closed when not in use.

## 8. EXPOSURE CONTROLS\PERSONAL PROTECTION

### EXPOSURE LIMITS

Components	CAS	Limits
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	25068-38-6	None established.
Cyclohexanol,4,4'-(1-methylethyidene)bis-,polymer with (chloromethyl)oxirane	30583-72-3	None established.
Cyclohexanedimethanol diglycidyl ether	14228-73-0	None established.
2-Propenoic acid, 2-ethyl-2-[[[(1-oxo-2-propenyl)oxy]methyl]-1,3-propanediyl ester	15625-89-5	WEEL 1 mg/m3
Epoxy phenol novolac resin	28064-14-4	None established.

### **ENGINEERING CONTROLS:** Ventilation:

Use local exhaust ventilation, or other engineering controls to maintain airborne levels requirements or guidelines, general ventilation should be sufficient for most operations.

### **PERSONAL PROTECTIVE EQUIPMENT**

**RESPIRATORY PROTECTION:** For most conditions, no respiratory protection should be needed; however, if material is heated or sprayed, use a NIOSH/MHSA approved respirator with organic vapor cartridge.

**EYES PROTECTION:** Use safety glasses (with side shields) as minimum protection. Goggles recommended for individuals mixing the resin and catalyst.

**SKIN PROTECTION:** Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task.

Hand protection: Use chemical resistant gloves. Consult glove manufacturer for recommendations.

**WORK HYGIENIC PRACTICES:** Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating. Wash contaminated clothing before reuse.

**OTHER USE PRECAUTIONS:** No data available for this product.

**COMMENTS:** No data available for this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Viscous liquid

**COLOR:** Varies

**FLASH POINT AND METHOD:** No data available for this product.

**AUTO-IGNITION TEMPERATURE:** Not Determined.

<b>DATE PRINTED</b>	5/21/2015
<b>SDS REF. No :</b>	#STCRTA

**BOILING POINT/RANGE:** No data available for this product.  
**MELTING POINT:** Not Determined.  
**VAPOUR PRESSURE:** Not determined.  
**VAPOUR DENSITY:** Heavier than air.  
**SOLUBILITY:** Not determined.  
**ODOR/THRESHOLD:** Mild, characteristic.  
**LOWER / UPPER FLAMMABLE LIMITS:** No data available for this product.  
**DENSITY:** 1.1265  
**EVAPORATION RATE:** Slower than ether.  
**PARTITION COEFFICIENT:** Not determined.  
**pH:** Not Applicable.  
**DECOMPOSITION TEMPERATURE:** Not determined.

## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** This product is stable under normal storage conditions.  
**POSSIBILITY OF HAZARDOUS REACTIONS:** Will not occur under normal conditions.  
**CONDITIONS TO AVOID:** Avoid heat, flame, contaminants. Do not mix with hardener and leave unattended as heat and fumes can result.  
**MATERIALS TO AVOID:** Avoid contact with oxidizing materials. Avoid contact with: Acids, Bases. Avoid unintended contact with amines.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Decomposition products depend upon temperature, air supply and the presence of other materials. Gases are released during decomposition. Uncontrolled exothermic reaction of epoxy resins release phenolics, carbon monoxide, and water.

## 11. TOXICOLOGICAL INFORMATION

### SIGNS AND SYMPTOMS OF OVEREXPOSURE:

#### ACUTE EFFECTS:

**EYE CONTACT:** May cause eye irritation. Corneal injury is unlikely.

**SKIN CONTACT:** Prolonged contact may cause skin irritation with local redness. Repeated contact may cause skin irritation with local redness.

**INHALATION:** This product is of low volatility and not expected to be a major inhalation hazard.

**INGESTION:** Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

**TARGET ORGAN:** No data available for this product.

**CHRONIC EFFECTS:** Repeated exposure may result in allergic skin reactions.

**TOXICITY VALUES:** Not determined

## 12. ECOLOGICAL INFORMATION

### PERSISTENCE AND DEGRADABILITY:

Not determined.

### BIO-ACCUMULATIVE POTENTIAL:

No data available for this product.

### MOBILITY IN SOIL:

Not determined.

### OTHER ADVERSE EFFECTS:

Not known.

### ECOTOXICOLOGICAL OTHER INFORMATION:

No data available for this product.

<b>DATE PRINTED</b>	5/21/2015
<b>SDS REF. No :</b>	#STCRTA

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of according to local, state, and federal regulations through a licensed disposal facility.

### 14. TRANSPORT INFORMATION

**UN NUMBER:** Not regulated.  
**UN PROPER SHIPPING NAME:** Not regulated.  
**TRANSPORT HAZARD CLASS:**  
 Not applicable.  
**TRANSPORT HAZARD SUBCLASS:**  
 Not applicable.  
**PACKING GROUP:** N/A  
**MARINE POLLUTANT Y/N:**  
 No  
**SPECIAL PRE-CAUTIONS:** None

### 15. REGULATORY INFORMATION

**U.S. REGULATIONS:**

All components of this product are listed on or exempt from the TSCA Inventory.

**U.S. SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:**

**FIRE:** No  
**PRESSURE GENERATING:** No  
**REACTIVITY:** No  
**ACUTE:** Yes  
**CHRONIC:** Yes

**313 REPORTABLE INGREDIENTS:**

**313 REPORTABLE INGREDIENTS**

**302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** No reportable components

**STATE REGULATIONS:**

No components are on the California Proposition 65 list.

**Massachusetts Right To Know Components**

**Pennsylvania Right To Know Components**

Chemical Name	CAS
2-Propenoic acid, 2-ethyl-2-[[[(1-oxo-2-propenyl)oxy]methyl]-1,3-propanediyl ester	15625-89-5

**New Jersey Right To Know Components**

**OTHER GOVT. REGULATIONS:** No other information available

<b>DATE PRINTED</b>	5/21/2015
<b>SDS REF. No :</b>	#STCRTA

## 16. OTHER INFORMATION

<b>DATE CREATED</b>	04-22-15
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