



## X-treme Overlay Material Safety Data Sheet

### Section 1: Product & Company Information

**Product Name:** X-treme Overlay  
**Manufacturer:** SureCrete Design Products

**Address:** SureCrete Design Products  
15246 Citrus Country Drive  
Dade City, FL 33523

**Emergency Phone: 1-800-544-8488**  
**CHEMTREC: 1-800-424-9300**

**Service Used:** Cementitious Composite  
**Application:** Stamp Overlay bag mix

### Section 2: Ingredient Information

Ingredient / CAS #	OSHA PEL	ACGIH TLV	% by weight
Portland Type 1 Cements CAS# 65997-15-1	15 mg total dust/ m <sup>3</sup> 5 mg respirable dust/ m <sup>3</sup>	10mg total dust/ m <sup>3</sup>	25 - 62
Quartz Silica Sand CAS# 14808-60-7	.05 mg/m <sup>3</sup>	.025 mg/m <sup>3</sup>	30 - 75
Proprietary Ingredients	NA	NA	0.5 – 8.0

### Section 3: Physical/ Chemical Characteristics

<b>Boiling Point:</b> >4,046°F	<b>Specific Gravity (H<sub>2</sub>O = 1):</b> 2 -3
<b>Vapor Pressure (mm Hg.):</b> N/A	<b>Melting Point:</b> 3,100 °F
<b>Vapor Density (Air = 1):</b> N/A	<b>Evaporation Rate:</b> N/A
<b>Solubility In Water:</b> slightly soluble	<b>Appearance and Odor:</b> White powder w/ no odor

### Section 4: Fire and Explosion Hazard Data

<b>Flash Point:</b> not flammable	<b>Flammable Limits:</b> not flammable	<b>LEL:</b> N/A	<b>UEL:</b> N/A
<b>Extinguishing Media:</b> since not flammable, use appropriate media for surrounding materials			
<b>Special Fire Fighting Procedures:</b> Avoid exposure to wet product. May clog waterways as material hardens.			
<b>Unusual Fire and Explosion Hazard:</b> None			

### Section 5: Reactivity Data

<b>Stability:</b> Stable	<b>Conditions To Avoid:</b> Wet environment as product will harden
<b>Incompatibility (Materials to Avoid):</b> Caution necessary with strong oxidizing agents	
<b>Hazardous Decomposition or Byproducts:</b> none reported	
<b>Hazardous Polymerization:</b> Not known to occur	<b>Conditions To Avoid:</b> None Known

Section 6: Health Hazard Data			
<b>Route(s) of Entry:</b>	Inhalation	Skin and Eye Contact	Ingestion
<b>Health Hazards</b>			
<p><b>Acute</b> <i>Inhalation:</i> Exposure to airborne dust may cause irritation to respiratory tract, cough, wheezing.  <i>Skin and Eye Contact:</i> Direct contact with eyes may cause irritation resulting in tearing, stinging and redness. Prolonged or repeated skin contact may cause irritation or even severe burns that develop after exposure.  <i>Ingestion:</i> May cause burns in esophagus and stomach.</p> <p><b>Chronic</b> Bronchitis may develop. Extended and severe exposure may cause silicosis. Some studies have linked autoimmune diseases and kidney diseases to high exposure.</p>			
<b>Carcinogenicity:</b>	NTP - No	IARC Monographs –Yes (for respirable crystalline silica)	OSHA Regulated - No
<b>Signs and Symptoms of Exposure:</b> Mainly a mucous membrane irritant. Burns may develop.			
<b>Medical Conditions Generally Aggravated by Exposure:</b> Pre-existing respiratory disorders or skin diseases may be aggravated by exposure.			
<b>Emergency and First Aid Procedures</b>			
<b>Inhalation:</b> Move to fresh air to avoid nuisance symptoms. If irritation persists, consult physician	<b>Skin Contact:</b> Wash affected area thoroughly with soap and water. If irritation persists, consult physician	<b>Eye Contact:</b> Rinse with running water, hold eyelids apart while irrigating on the way to emergency facility. If irritation persists, consult physician	<b>Ingestion:</b> Do not induce vomiting. Drink 4 – 8 ozs. of water to dilute material in stomach. Consult physician

Section 7: Precautions for Safe Handling and Use
<b>Steps to Be Taken if Material is Released or Spilled:</b> Sweep up, place in container and hold for disposal. Wear personal protective clothing and equipment. Minimize creating airborne dust through the use of appropriate vacuuming and wet-mopping.
<b>Waste Disposal Method:</b> Dispose of in an approved chemical waste landfill or incinerate in accordance with applicable federal, state, and local regulations.
<b>Precautions to Be Taken in Handling and Storage:</b> Normal precautions according to good housekeeping practices should be followed. Store in a dry place and keep sealed until ready for use to prevent caking due to moisture pickup.
<b>Other Precautions:</b> None known

Section 8: Control Measures			
<b>Respiratory Protection:</b> Use OSHA / NIOSH approved respirator if threshold levels are exceeded			
<b>Ventilation</b>			
<b>Local Exhaust:</b> Preferred	<b>Mechanical (General):</b> Recommended, NEC Class II equipment	<b>Special:</b> None known	<b>Other:</b> Monitoring levels of respirable dust is required to provide appropriate ventilation
<b>Protective Gloves:</b> Chemical Resistant Gloves		<b>Eye Protection:</b> Safety goggles or face shield	
<b>Other Protective Clothing or Equipment:</b> As appropriate to prevent contact with the body			
<b>Work / Hygienic Practices:</b> Normal good housekeeping practice; launder contaminated clothing before reuse.			

**Section 9: Transportation / Shipping / Regulatory**

Hazard Class: Not regulated

Surface Freight Classification: Not regulated



## X-treme Overlay Modifier Material Safety Data Sheet

**Section 1: Product & Company Information**

Product Name: X-treme Overlay Modifier  
 Manufacturer: SureCrete Design Products

Address: SureCrete Design Products  
 15246 Citrus Country Drive  
 Dade City, FL 33523

**Emergency Phone: 1-800-544-8488**  
**CHEMTREC: 1-800-424-9300**

Service Used: Cementitious admixture  
 Application: Overlay modifier

**Section 2: Ingredient Information**

Hexylene Glycol; CAS# -107-41-5; by weight > 3%; LD50 (Oral Rat) 3.700 mg/kg; LD50 (Skin Rabbit) 8.560 mg/kg

Proprietary Ingredients; by weight 90 – 99%; no health hazard

**Section 3: Physical/ Chemical Characteristics**

Boiling Point: 214°F

Specific Gravity (H<sub>2</sub>O = 1): 1.24

pH: 4.5 – 5.5

Melting Point: N/A

Vapor Density (Air = 1): water

Solubility In Water: miscible

Vapor Pressure: water

Appearance and Odor: light green to blue liquid w/  
slight vinegar odor**Section 4: Fire and Explosion Hazard Data**

Flash Point: 214°F

Flammable Limits: N/A

LEL: N/A

UEL: N/A

**Extinguishing Media:** water, dry chemical, carbon dioxide or alcohol foam. This product is an aqueous solution and is unlikely to burn until all water has evaporated

**Special Fire Fighting Procedures:** Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).

**Unusual Fire and Explosion Hazard:** This product is not expected to ignite under normal conditions of use

Section 5: Reactivity Data	
<b>Stability:</b> Stable	<b>Conditions To Avoid:</b> None Known
<b>Incompatibility (Materials to Avoid):</b> None known	
<b>Hazardous Decomposition or Byproducts:</b> Carbon monoxide and carbon dioxide can form smoke, fumes.	
<b>Hazardous Polymerization:</b> Will not occur	<b>Conditions To Avoid:</b> None Known

Section 6: Health Hazard Data			
<b>Route(s) of Entry:</b>	Inhalation	Skin and Eye Contact	Ingestion
<b>Health Hazards</b>			
<b>Acute</b> <i>Inhalation:</i> Vapor not expected to be a problem. However, product applications which generate spray mists may cause respiratory irritation or discomfort resulting in coughing, chest tightness and breathing difficulties due to the presence of Hexylene Glycol.			
<i>Skin and Eye Contact:</i> Direct contact with eyes may cause irritation resulting in tearing, stinging and redness. Prolonged or repeated skin contact may cause irritation.			
<i>Ingestion:</i> May be irritating. Hexylene glycol may cause central nervous system depression. Solution is bitter to the taste, likelihood of passing the lips and swallowing is very remote.			
<b>Chronic</b> Fillers are encapsulated and not expected to be released from product under normal conditions of use.			
<b>Carcinogenicity:</b>	NTP - No	IARC Monographs - No	OSHA Regulated - No
<b>Signs and Symptoms of Exposure:</b> May cause irritation upon contact or inhalation of mists or irritation to the eyes. Ingestion may cause central nervous system depression.			
<b>Medical Conditions Generally Aggravated by Exposure:</b> Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.			
<b>Emergency and First Aid Procedures</b>			
<b>Inhalation:</b> Move to fresh air to avoid nuisance symptoms. If irritation persists, consult physician	<b>Skin Contact:</b> Wash affected area thoroughly with soap and water. If irritation persists, consult physician	<b>Eye Contact:</b> Rinse with running water, hold eyelids apart while irrigating for 15 mins. If irritation persists, consult physician	<b>Ingestion:</b> Do not induce vomiting. Drink copious quantities of water to dilute material in stomach. Consult physician

Section 7: Precautions for Safe Handling and Use
<b>Steps to Be Taken if Material is Released or Spilled:</b> Prevent product from entering drinking water supplies or streams. Collect liquid or absorb liquid with an inert material and remove for disposal.
<b>Waste Disposal Method:</b> Dispose of in an approved chemical waste landfill or incinerate in accordance with applicable federal, state, and local regulations.
<b>Precautions to Be Taken in Handling and Storage:</b> Normal precautions according to good housekeeping practices should be followed.
<b>Other Precautions:</b> Avoid breathing spray mists. Avoid contact with eyes & prolonged or repeated contact with skin. Wash thoroughly after handling. Keep containers closed when not in use. FOR PROFESSIONAL USE ONLY. KEEP OUT OF CHILDREN'S REACH

**Section 8: Control Measures**

**Respiratory Protection:** Respiratory protection is not generally required. However, if specific use generates vapors or mists, a NIOSH-approved organic vapor respirator

**Ventilation**

<b>Local Exhaust:</b> required only if general is inadequate	<b>Mechanical (General):</b> Adequate under anticipated use	<b>Special:</b> None known	<b>Other:</b> None
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<b>Protective Gloves:</b> Rubber or synthetic gloves should be used to prevent prolonged or repeated skin contact.	<b>Eye Protection:</b> Goggles should be used in spray applications and when direct contact due to splashing is possible.
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**Other Protective Clothing or Equipment:** As appropriate to prevent contact with the body. Launder contaminated clothing before reuse.

**Section 8: Control Measures (continued)**

**Work / Hygienic Practices:** Normal good housekeeping practice

**Section 9: Transportation / Shipping / Regulatory**

**Hazard Class:** None Hazardous

**Surface Freight Classification:** Synthetic Latex, liquid Rubber

**Regulatory VOC** (less water and exempt solvent) = 0g/L

**HMIS RATING:**

Health:1

Flammability:1

Reactivity: 0