



**SURECRETE**  
DESIGN PRODUCTS

C49

## GFRC Face Mix Material Safety Data Sheet

### Section 1: Product & Company Information

**Product Name:** X-treme Counter Top  
**Manufacturer:** SureCrete Design Products

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

**Service Used:** Cementitious Composite  
**Application:** Precast Molding

**Emergency Phone: 1-800-544-8488**  
**CHEMTREC: 1-800-424-9300**  
**INTERNATIONAL 1-813-469-1408**  
**INTERNATIONAL 1-813-469-1419**

### 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>	30 - 60
Quartz Silica Sand CAS# 14808-60-7	.05 mg/m <sup>3</sup>	.025 mg/m <sup>3</sup>	25 - 65
Proprietary Ingredients	NA	NA	0.5 - 5.0

### 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

<b>Section 6: Health Hazard Data</b>				
<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	
<b>Section 7: Precautions for Safe Handling and Use</b>				
<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				

<b>Section 8: Control Measures</b>			
<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.			

<b>Section 9: Transportation / Shipping / Regulatory</b>
<b>Hazard Class:</b> Not regulated
<b>Surface Freight Classification:</b> Not regulated