

C47

09/10/10



GFRC Backer 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 ³ 5 mg respirable dust/ m ³	10mg total dust/ m ³	30 - 60
Quartz Silica Sand CAS# 14808-60-7	.05 mg/m ³	.025 mg/m ³	25 - 65
Proprietary Ingredients	NA	NA	0.5 - 5.0

Section 3: Physical/ Chemical Characteristics

Boiling Point: >4,046°F	Specific Gravity (H2O = 1): 2 -3
Vapor Pressure (mm Hg.): N/A	Melting Point: 3,100 °F
Vapor Density (Air = 1): N/A	Evaporation Rate: N/A
Solubility In Water: slightly soluble	Appearance and Odor: White powder w/ no odor

Section 4: Fire and Explosion Hazard Data

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

Section 5: Reactivity Data

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

Section 6: Health Hazard Data			
Route(s) of Entry:	Inhalation	Skin and Eye Contact	Ingestion
Health Hazards Acute Inhalation: Exposure to airborne dust may cause irritation to respiratory tract, cough, wheezing. Skin and Eye Contact: 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. Ingestion: May cause burns in esophagus and stomach. Chronic Bronchitis may develop. Extended and severe exposure may cause silicosis. Some studies have linked autoimmune diseases and kidney diseases to high exposure.			
Carcinogenicity:	NTP - No	IARC Monographs –Yes (for respirable crystalline silica)	OSHA Regulated - No
Signs and Symptoms of Exposure: Mainly a mucous membrane irritant. Burns may develop.			
Medical Conditions Generally Aggravated by Exposure: Pre-existing respiratory disorders or skin diseases may be aggravated by exposure.			
Emergency and First Aid Procedures			
Inhalation: Move to fresh air to avoid nuisance symptoms. If irritation persists, consult physician	Skin Contact: Wash affected area thoroughly with soap and water. If irritation persists, consult physician	Eye Contact: Rinse with running water, hold eyelids apart while irrigating on the way to emergency facility. If irritation persists, consult physician	Ingestion: 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			
Steps to Be Taken if Material is Released or Spilled: 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.			
Waste Disposal Method: Dispose of in an approved chemical waste landfill or incinerate in accordance with applicable federal, state, and local regulations.			
Precautions to Be Taken in Handling and Storage: 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.			
Other Precautions: None known			

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

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