

C48



X-treme Counter-Top 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

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

Service Used: Cementitious Composite
Application: Counter top 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 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			
<p>Acute <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>Chronic Bronchitis may develop. Extended and severe exposure may cause silicosis. Some studies have linked autoimmune diseases and kidney diseases to high exposure.</p>			
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


SURECRETE
 DESIGN PRODUCTS

X-treme Counter-Top Modifier

Material Safety Data Sheet

Section 1: Product & Company Information

Product Name: X-treme Counter-top 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: Counter top 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 ₂ 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

Stability: Stable	Conditions To Avoid: None Known
Incompatibility (Materials to Avoid): None known	

Hazardous Decomposition or Byproducts: Carbon monoxide and carbon dioxide can form smoke, fumes.	
Hazardous Polymerization: Will not 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: 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.			
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.			
Ingestion: 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.			
Chronic Fillers are encapsulated and not expected to be released from product under normal conditions of use.			
Carcinogenicity:	NTP - No	IARC Monographs - No	OSHA Regulated - No
Signs and Symptoms of Exposure: May cause irritation upon contact or inhalation of mists or irritation to the eyes. Ingestion may cause central nervous system depression.			
Medical Conditions Generally Aggravated by Exposure: Pre-existing eye, skin and respiratory disorders 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 for 15 mins. If irritation persists, consult physician	Ingestion: Do not induce vomiting. Drink copious quantities 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: Prevent product from entering drinking water supplies or streams. Collect liquid or absorb liquid with an inert material and remove for disposal.
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.
Other Precautions: 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			
Local Exhaust: required only if general is inadequate	Mechanical (General): Adequate under anticipated use	Special: None known	Other: None
Protective Gloves: Rubber or synthetic gloves should		Eye Protection: Goggles should be used in spray	

be used to prevent prolonged or repeated skin contact.	applications and when direct contact due to splashing is possible.
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	