



## X-treme Lightweight Material Safety Data Sheet

### Section 1: Product & Company Information

**Product Name:** X-treme Lightweight  
**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:** Lightweight concrete alternative

### 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>	62 - 85
Vermiculite CAS# 001318-00-09	.1 mg/m <sup>3</sup> (due to respirable quartz fraction)	.05mg/m <sup>3</sup>	14 - 36
Proprietary Ingredients	NA	NA	0.25 – 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> NA
<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> light buff to dark brown 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> <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.  <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.			
<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 Lightweight Modifier Material Safety Data Sheet

**Section 1: Product & Company Information**

Product Name: X-treme Lightweight 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: Lightweight modifier

**Section 2: Ingredient Information**

Water; CAS# 7732-18-5 ; by weight 40 - 70%

Proprietary Ingredients (nonhazardous) ; by weight 30 – 60%

**Section 3: Physical/ Chemical Characteristics**

Boiling Point: NA

Specific Gravity (H<sub>2</sub>O = 1): .95

pH: 6.5 – 8.5

Melting Point: N/A

Vapor Density (Air = 1): heavier than air

Solubility In Water: soluble

Vapor Pressure: NA

Appearance and Odor: orange liquid w/ slight odor

**Section 4: Fire and Explosion Hazard Data**

Flash Point: NA

Flammable Limits: N/A

LEL: N/A

UEL: N/A

**Extinguishing Media:** This product is not expected to burn under normal conditions of use.**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> Strong acids or strong bases	
<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> No serious effects anticipated under normal conditions of use. <i>Skin and Eye Contact:</i> Direct contact may cause mild irritation. <i>Ingestion:</i> May cause gastrointestinal irritation, nausea, and vomiting.			
<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. 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> Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Keep from freezing. Do not use in confined or poorly ventilated areas. Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a dry, ventilated warehouse location above freezing. <b>FOR PROFESSIONAL USE ONLY. KEEP OUT OF CHILDREN'S REACH</b>

### Section 8: Control Measures

**Respiratory Protection:** Not required under normal conditions of use. Wear appropriate NIOSH approved respirator with combination particulate filter and vapor/gas removing cartridge when the ventilation is not adequate or if it is necessary to abrade or grind surfaces coated with this product.

#### 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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**Protective Gloves:** Use suitable impervious rubber or vinyl gloves.

**Eye Protection:** Chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.

**Other Protective Clothing or Equipment:** As appropriate to prevent contact with the body. Launder contaminated clothing before reuse.

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

### Section 9: Transportation / Shipping / Regulatory

**Hazard Class:** Not regulated

**Surface Freight Classification:** Not regulated

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