

## SAFETY DATA SHEET

### SECTION 1 Product and Company Identification

#### Product

Product Name: XS ProCast  
Product Description: Pour-in-Place Casting Mix  
Intended Use: All-in-one concrete countertop mix

#### Company

**Manufacturer:** SureCrete Design Products, Inc.  
15246 Citrus Country Drive  
Dade City, FL 33523  
USA

**Contact:** 1-352-567-7973 (telephone general)  
1-800-262-8200 Chemtrec  
+1 703-741-5500 Chemtrec International  
[info@surecretedesign.com](mailto:info@surecretedesign.com) (e-mail)  
1-352-521-0973 (facsimile)

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### SECTION 2 Hazards Identification

#### Classification of substance or mixture:

##### GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Acute toxicity	Category 4	Oral
Acute toxicity	Category 4	Dermal
Skin Corrosion/Irritant	Category 1	
Carcinogenicity	Category 1	(Both 1A and 1B)
Toxic to Specific Target Organ	Category 1	
Toxicity - Single Exposure	Category 1	

#### GHS Label Elements:

##### Hazard Symbol:



##### Signal Word: Danger

#### Label Hazard Statements:

H302+H312	Harmful if swallowed or in contact with skin
H314	Causes severe skin burns and eye damage
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H350-1	May cause cancer by inhalation. Refer to section 11 for more information.



**Label Precautionary Statements:**

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P260 Do not breathe dusts/fume/gas/mist/vapors or spray.
- P264 Wash hands and any exposed area thoroughly after handling.
- P270 Do not eat, drink or smoke while handling this product.
- P271 Use only outdoors or in a well ventilated area.
- P280 Wear protective impervious gloves/OSHA approved eye protection/face protection.

**Response:**

- P301+P310 If swallowed: Immediately call a Poison Center / doctor.
- P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.
- P302+P350 If on skin: Wash with plenty of soap and water.
- P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.
- P308+313 If exposed or concerned: Get medical advice / attention.
- P312 Call a POISON CENTER/doctor if you feel unwell.
- P321 Specific treatment (see on this label)
- P330 Rinse mouth.
- P363 Wash contaminated clothing before reuse.

**Storage:**

- P402 Store in a dry place.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up.

**Disposal:**

- P501 Store separately. Dispose of contents/ container in accordance with local/ regional/national /international regulations.

**Other hazards which do not result in classification or are not covered by the GHS:** None known

**Hazard Ratings**

	<i>health</i>	<i>flammability</i>	<i>reactivity</i>	<i>PPE</i>
<b>HMIS</b>	1	0	0	E

**SECTION 3 Composition / Information on Ingredients**

<b>Ingredient</b>	<b>CAS #</b>	<b>% (by weight)</b>	<b>Exposure Limits</b>		
			<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>OTHER</b>
<b>Hazardous</b>					
#* Microcrystalline Silica (Quartz)	14808-60-7	51.4%	10 MG/M3	0.05 MG/M3	
Portland Cement	65997-15-1	25-35%	15 MG/M3	0.05 MG/M3	NUISANCE DUST
Glass Beads	65997-17-3	7.5-10.0%	15 MG/M3	0.05 MG/M3	NUISANCE DUST

\* Chemical(s) that are chronic health hazards. Refer to section 3 for further information.



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## **SECTION 4 First Aid Measures**

### **PRIMARY ROUTES OF EXPOSURE:**

Skin contact, eye contact, and inhalation.

**EYES:** Flush with large amounts of water for 15 minutes, lifting upper and lower eyelids. If irritation persists seek medical attention.

**SKIN CONTACT:** Wash contaminated area with soap and water. Remove and launder contaminated clothing.

**INGESTION:** If a large amount is ingested, give water or milk and induce vomiting. Seek medical attention.

**INHALATION:** Remove victim to fresh air and provide oxygen if breathing is difficult. If breathing has stopped administer artificial respiration. Seek medical attention if condition persists.

### **Most important symptoms and effects, both acute and delayed:**

**EYES:** Direct contact with eyes may cause irritation.

**SKIN:** Prolonged or repeated contact may cause irritation.

**INHALATION:** Brief exposures to nuisance dust concentrations above the 8-hour recommended TLV should pose no acute health problems.

**INGESTION:** Not an anticipated route of exposure. Small amounts are not expected to be harmful.

### **CHRONIC HEALTH EFFECTS:**

Although some components may indicate chronic exposure effects, no effects are anticipated under normal use conditions due to the relatively low proportion in the total mixture.

### **MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

No known effects on other illnesses.

### **INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:**

Treat symptomatically.

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## **SECTION 5 Fire Fighting Measures**

### **SUITABLE EXTINGUISHING MEDIA:**

This product is not a fire hazard in powder or slurry form, special fire fighting procedures or extinguishing media are not applicable

### **SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:**

None known.

### **SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS:**

None.

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## **SECTION 6 Accidental Release Measures**

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:** Evacuate area and keep unnecessary and unprotected personnel from entering the spill area. Use proper personal protective equipment listed in section 8.



**ENVIRONMENTAL PRECAUTIONS:** Keep runoff from storm sewars, ditches, streams, lakes and other ground waters and waterways.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP:**

Contain all spills. This material is not classified as a hazardous waste, substance or toxic pollutant. Collect into suitable containers and dispose of properly in accordance with all applicable regulations. (See Section 13)

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**SECTION 7 Handling and Storage**

**PRECAUTIONS FOR SAFE HANDLING:**

Employees who come in contact with this material must be trained in accordance to 1910.1200 of the Hazard Communication Standard. Wear chemical resistant gloves and protective clothing to minimize contact. The use of respiratory protection is advised when spraying because of mist and dust overspray.

**PRECAUTIONS FOR SAFE STORAGE:**

No special requirements.

**OTHER PRECAUTIONS:**

All empty containers should be disposed of in an environmentally safe manner in accordance with all governmental regulations.

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**SECTION 8 Exposure Control / Personal Protection**

**CONTROL PARAMETERS: SEE SECTION 3 FOR OCCUPATIONAL EXPOSURE LIMIT VALUES**

**ENGINEERING CONTROLS:** General room ventilation is adequate.

**PERSONAL PROTECTIVE EQUIPMENT:**

**RESPIRATORY PROTECTION:**

No special requirements under normal use conditions. In confined areas, or areas with poor ventilation, engineering controls should be used to minimize exposure. Use NIOSH/MSHA approved respirator if conditions warrant.

**PROTECTIVE GLOVES:**

Prevent prolonged or repeated contact by wearing chemical resistant gloves and other appropriate protective clothing. Launder contaminated clothing before reuse.

**EYE PROTECTION:**

Wear safety glasses to reduce eye contact potential. Chemical safety goggles (ANSI Z87.1 or approved equivalent) are appropriate if splashing is likely. Eye washes must be available where eye contact can occur.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

A source of clean water should be available for flushing eyes and skin. Showers should be available if larger spills are possible.

**WORK/HYGIENIC PRACTICES:**

Efforts should be made to minimize contact and spills. Always wash hands before eating, drinking, or smoking. Clean up spills promptly. Follow OSHA and company guidelines.

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## SECTION 9 Physical and Chemical Properties

### General

Appearance/Physical State:	Solid (powder)
Odor:	Odorless
Odor Threshold:	Not measured
Melting/Freezing Point:	Not determined
Specific Gravity (H <sub>2</sub> O=1):	2.8
Evaporation Rate:	Not determined
Flash Point:	N/A
Upper Explosion Limit:	N/A
Lower Explosion Limit:	N/A
Decomposition Temperature:	Not available
Coating V.O.C.:	0 g/l (0.0 lb/gal)
Color:	White
pH:	Not determined
Solubility in Water:	Insoluble/Negligible
Boiling Point/Range:	n/a
Vapor Density:	Greater than air
Flammability:	Not determined
Vapor Pressure:	Not determined
Auto-Ignition Coefficient:	Not available
Viscosity:	Not determined

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## SECTION 10 Stability and Reactivity

**REACTIVITY:** Will not occur.

### **CHEMICAL STABILITY:**

Stable under normal conditions and handling.

### **POSSIBILITY OF HAZARDOUS REACTIONS:**

No hazardous reactions if stored and handled as prescribed/indicated.

### **CONDITIONS TO AVOID:**

None known

### **INCOMPATIBLE MATERIALS:**

None known.

### **HAZARDOUS DECOMPOSITION OR BYPRODUCTS:**

Reacts with acids to liberate Carbon Dioxide.



## **SECTION 11 Toxicological Information**

### **SENSITIZATION:**

None known.

### **CARCINOGENICITY:**

The indicated chemical(s) is listed by ICGIH, NTP, or OSHA as a known human carcinogen (See section 2). IARC has classified respirable crystalline silica in the form of quartz or cristobalite as a group 1 carcinogen. NTP classifies respirable crystalline silica as "reasonably anticipated to be a carcinogen". Because this product is a free flowing liquid, dust inhalation is not an expected route of exposure.

### **REPRODUCTIVE TOXICITY:**

There is no data available to indicate any components present at greater than 0.1% may present reproductive toxicity.

### **TERATOGENICITY (BIRTH DEFECTS):**

There is no data available to indicate any components present at greater than 0.1% may cause birth defects.

### **MUTAGENICITY:**

There is no data to indicate that any component present at greater than 0.1% will alter DNA.

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## **SECTION 12 Ecological Information**

### **ECOTOXICITY:**

No data available.

### **PERSISTENCE AND DEGRADABILITY:**

Not readily degradable.

### **BIOACCUMULATIVE POTENTIAL:**

No data available.

### **MOBILITY IN SOIL:**

No data available.

**OTHER ADVERSE EFFECTS:** Although no information is available for this specific product mixture, individual components may by themselves may have ecological affects.

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## **SECTION 13 Disposal Considerations**

This product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261, however, state and local regulations may be more restrictive. Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.



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## Section 14 Transport Information

### PROPER SHIPPING NAME: (UN #, SHIPPING NAME, HAZARD CLASS, PACKING GROUP)

Not regulated.

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## SECTION 15 Regulatory Information

### US TOXIC SUBSTANCE CONTROL ACT (TSCA):

All ingredients of this product are listed, or are excluded from listing, on the US Toxic Substances Control Act (TSCA) chemical substance inventory.

**SARA 302 EXTREMELY HAZARDOUS SUBSTANCE:** None

**SARA 311/312 HAZARDOUS CHEMICAL:** See Section 3

### SARA 313 (TRI REPORTING):

This product does not contain a chemical subject to the reporting requirements of SARA Title III, Section 313 (40CFR 372) above de minimis concentrations.

### STATE LISTED COMPONENTS CAS NUMBER STATE CODE CALIFORNIA PROPOSITION 65

This product contains a chemical(s) known to the state of California to cause cancer, birth defects or reproductive harm, which are subject to the requirements of California Proposition 65.

Crystalline Silica (If airborne particles of respirable size) Cancer

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## SECTION 16 Other Information

This version replaces all previous versions. The information contained in this SDS and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Although certain hazards are described herein, The Sierra Company, LLC, cannot guarantee that these are the only hazards that exist. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall The Sierra Company, LLC, assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. The Sierra Company, LLC, expressly disclaims any representations and warranties of any kind, whether express or implied, as to the accuracy, completeness, non-infringement, merchantability and/or fitness for a particular purpose with respect to any information and recommendations provided. The Sierra Company, LLC, reserves the right to make any changes to the information and/or recommendations at any time, without prior subsequent notice.