MATERIAL SAFETY DATA SHEET

SECTION 1 Product and Company Identification

Product

Product Name: Xtreme Slurry mix
Product Description: Precast slurry coat
Intended Use: decorative precast

Company

Manufacturer: SureCrete Design Products, Inc.
15246 Citrus Country Drive
Dade City, FL 33523
USA
Contact: 352-567-7973 (telephone general)
800-424-9300 (telephone emergency – Chemtrec)
813-469-1408 (telephone 24 hour emergency)
813-469-1419 (telephone 24 hour emergency)
info@surecretedesign.com (e-mail)
352-521-0973 (facsimile)

SECTION 2 Hazards Identification

Emergency Overview

The dry product mix poses no immediate hazard. A single short term exposure to dry product is unlikely to cause serious harm. However, exposure of sufficient duration to wet product can cause serious, potentially irreversible tissue (eye or skin) destruction in the form of chemical (caustic) burns. The same type of damage can occur if the wet or moist areas of the body are exposed for sufficient duration.
Warning! Harmful if inhaled. Overexposure by inhalation may induce delayed, irreversible upper respiratory injury (silicosis.) This product is considered hazardous by OSHA Hazard Communication Standard. See section 11 notes.
Product does not pose a fire hazard.

SECTION 3 Composition / Information on Ingredients

This material is regulated as a mixture

Ingredient	CAS #	EC#	% (by weight)
Hazardous			
Portland Cement type 1	65997-15-1	ND	<45%
Ground limestone	1317-65-3	ND	<50%
Quartz silica sand	14808-60-7	ND	<40%
Non Hazardous			
Copolymer of vinyl acetate and ethylene with protective colloid and mineral additives	1332-58-7 (<.8%) 108-05-4 (<1.5%)	ND	<18%

SECTION 4 First Aid Measures

Eye Contact: Rinse with running water for 15 mins. Hold eyelids apart while irrigating. Call physician immediately.

Skin Contact: Wash affected area thoroughly with pH-neutral soap or mild detergent and water. Wash clothing before reuse. Seek medical attention for prolonged exposure to wet product.

Inhalation: Move to fresh air. Get medical attention if coughing and other symptoms do not subside.

Ingestion: Get medical attention immediately. Do not induce vomiting. If conscious administer copious amounts of drinking water.

SECTION 5 Fire Fighting Measures

Extinguishing Media: not combustible
- **Appropriate:** none
- **Inappropriate**: none

Fire Fighting Procedures: none

Unusual Fire and Explosion Hazard: none

Hazardous Combustion Products: none

Flammability Properties
- **Flash Point (Method):** None
- **Flammable Limits (Approximate volume % in air):** LEL: none UEL: none
- **Autoignition Temperature**: not combustible

SECTION 6 Accidental Release Measures

Personal precautions: May require NIOSH approved respirator if product becomes airborne. Ventilate area. Avoid contact with eyes, skin, and clothing.

Environmental precautions: Prevent entry into waterways.

Methods for clean-up: Dry spills may be scooped up. Attempt to prevent dry product (dust) from becoming airborne. Wet product may be scraped up and placed in appropriate disposal containers. Allow wet product to dry before disposal. Do not flush down drains.

SECTION 7 Handling and Storage

Handling: Avoid contact with eyes, skin, and clothing. Promptly remove dusty clothing or clothing that has become wet with the mixed product. Launder clothing before reuse. Wash thoroughly after exposure to product.

Storage: Keep bags dry. Keep out of reach of children.

SECTION 8 Exposure Control / Personal Protection

Exposure limit values: ACGIH TLV-TWA 10 total dust/ m^3
OSHA-PEL (8 – hour TWA) 15 mg total dust/ m^3
OSHA-PEL (8 – hour TWA) 5 mg respirable dust/ m^3

Occupational exposure controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Respiratory protection: Wear suitable NIOSH approved respirator when ventilation is inadequate
Hand protection: Impervious gloves if contact is anticipated
Eye protection: Safety glasses with side shields
Skin protection: Minimize skin contact with appropriate long-sleeved clothing. Wash frequently with pH neutral soap.
Hygiene measures: Observe good industrial hygienic practices. Frequently launder or discard protective clothing, equipment.

Environmental exposure controls: None anticipated

SECTION 9 Physical and Chemical Properties

General

Physical state: powder
Color: white – off white
Odor: no distinct odor

Safety Data

pH in water: 12 -13
Boiling point: not applicable
Flash point: not applicable
Flammable limits (approximate volume % in air): not combustible
Autoignition temperature: not applicable
Vapor pressure (mm Hg.): not applicable
Water solubility: slightly
Vapor density (air = 1): not applicable
Specific gravity (water = 1): 2.7 – 3.1

SECTION 10 Stability and Reactivity

Stability: Stable

Conditions to avoid: unintentional contact with moisture

Materials to avoid: acids, ammonia salts, and phosphorous

Hazardous decomposition products: will not spontaneously occur; adding water will produce caustic calcium hydroxide

Hazardous polymerization: will not occur

SECTION 11 Toxicological Information

Acute Toxicity

Route of Exposure	Conclusion / Remarks
Inhalation	Exposure to airborne dust may cause irritation, cough, expectoration, shortness of breath, wheezing. Repeated overexposure to dust at very high levels can cause acute silicosis, an incurable, rapidly progressing fatal lung disease.
Ingestion	Can cause esophageal and stomach burns
Skin	Direct contact with wet product may cause extensive burns with dermal necrosis. There may be no obvious pain at the time of exposure.
Eye	Contact with dry or wet product may cause burning and corneal edema.

Chronic / Other Effects

Chronic bronchitis may result from chronic exposure to dust. This product contains crystalline silica, which is a cancer hazard if inhaled. Prolonged exposure to crystalline silica can cause silicosis.

Carcinogenecity:

Quartz Silica Sand listed in Section 3 has been identified by IARC as carcinogenic: "crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1.)" The IARC noted that "carcinogenicity was not detected in all industrial circumstances studies."

SECTION 12 Ecological Information

Ecotoxicity: No recognized unusual toxicity to plants or animals

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SECTION 13 Disposal Considerations

Methods of disposal: This material may be safely landfilled in accordance with federal, state, and local environmental control regulations.

Section 14 Transport Information

International transport regulations

This product is not regulated for transport.

Regulatory Information	*UN number*	*Proper shipping name*	*Class*	*Packing group*	*Additional information*	*Marine pollutant*
ADR/RID class					none	
IMDG class					none	
IATA class					none	

SECTION 15 Regulatory Information

USDOL – OSHA & MSHA Hazard Communication Rule 29 CFR 1920.1200

Considered a hazardous chemical under this regulation, and should be part of any hazard communication program

TSCA (USA - Toxic Substance Control Act)

Some substances in product are on the TSCA inventory list

SARA Title III (USA – Superfund Amendments and Reauthorization Act)

311/312 Hazard categories

Delayed Health Effects

313 Reportable Ingredients:

None

CERCLA (USA – Comprehensive Response Compensation and Liability Act)

None

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986

This product contains trace elements known to the State of California to cause cancer, birth defects, or reproductive harm. California law requires the manufacturer to give the above warning in the absence of definitive testing to prove the defined risks do not exist.

Federal Hazardous Substance Act

Considered a hazardous substance subject to the statutes promulgated under the subject act.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)

Components of this product identified by CAS number are listed on the DSL

SECTION 16 Other Information

Worldwide Hazardous Materials Information System (WHMIS)

Components of this product are considered hazardous material under the Hazardous Product Act, as defined by the Controlled Products Regulations (Class “E” – Corrosive Material) and is therefore subject to labeling and MSDS requirements of the WHMIS

Recommended restriction: for use by trained professionals, having read the complete MSDS

Key Legend:

ACGIH – American Conference of Governmental Industrial Hygienists
OSHA – Occupational Safety and Health Administration
NTP – National Toxicology Program
IARC – International Agency for Research on Cancer
R – Risk Phrases
S – Safety Phrases

Product Name: Xtreme Slurry Mix
Revision Date 06/18/12

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