



Product Name: Xtreme Precast Modifier
Revision Date 06/18/12

MATERIAL SAFETY DATA SHEET

SECTION 1 Product and Company Identification

Product

Product Name: Xtreme Precast Modifier
Product Description: Cementitious Modifying Agent
Intended Use: Concrete Admixture

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

No Health Hazards are associated with the use of this product. No reportable quantities of any of the components that comprise this compound are recognized.

SECTION 3 Composition / Information on Ingredients

This material is regulated as a mixture

Ingredient	CAS #	EC#	% (by weight)
Non Hazardous			
Hexylene Glycol	107-41-5	REACH exempted	<1%
Calcium Lignosulfate	8061-52-7	NE	<4%
Dipropyleneclycul	25265-718	NE	<3%
Proprietary ingredients	Trade secret	NE	<80%
Water	7732-18-5	NE	<50%

SECTION 4 First Aid Measures

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

Skin Contact: Wash affected area thoroughly with soap and water. Wash clothing before reuse.

Inhalation: Move to fresh air. Administer artificial respiration if not breathing. If breathing is difficult, give oxygen. Get medical attention

Ingestion: Get medical attention immediately. Do not induce vomiting.



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SECTION 5 Fire Fighting Measures

Extinguishing Media:

Appropriate: Foam, CO₂, Dry chemical, water fog

Inappropriate: Water jet

This product is in an aqueous solution and is not likely to burn until all water has evaporated.

Fire Fighting Procedures: Cool containers to prevent pressure buildup and possible explosion when exposed to extreme heat. Full protective equipment, including self-contained breathing apparatus required.

Unusual Fire and Explosion Hazard: Closed containers can explode due to buildup of pressure when exposed to extreme heat.

Hazardous Combustion Products: Smoke, fumes, vapors, oxides of carbon

Flammability Properties

Flash Point (Method): >100°C / 212°F

Flammable Limits (Approximate volume % in air): LEL: NA UEL: NA

Autoignition Temperature: NA

SECTION 6 Accidental Release Measures

Personal precautions: Beware of slip / fall hazard

Environmental precautions: Prevent entry into waterways.

Methods for clean-up: Small spills may be cleaned up with paper toweling and disposed into approved container. Larger spills absorb onto sand, vermiculite, or any other inert, non-combustible material. Scoop into containers for later appropriate disposal.

SECTION 7 Handling and Storage

Handling: Avoid contact with eyes, skin, and clothing. Avoid handling of vapor or mist. Do not permit eating, drinking, near material.

Storage: Keep containers tightly closed, in dry, cool, well ventilated place. Keep out of reach of children.

SECTION 8 Exposure Control / Personal Protection

Exposure limit values: no known components with exposure limits

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

Respiratory protection: Not generally required. However, wear suitable NIOSH approved respirator when ventilation is inadequate

Hand protection: Chemically compatible gloves

Eye protection: Safety glasses with side shields

Skin protection: Minimize skin contact with appropriate long-sleeved clothing



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Hygiene measures: Observe good industrial hygienic practices. Frequently launder or discard proactive clothing, equipment.

Environmental exposure controls: None anticipated

SECTION 9 Physical and Chemical Properties

General

Physical state: liquid
Color: blue - green
Odor: none noticable

Safety Data

pH: 4.5
Boiling point: >100°C / 212°F
Flash point: >100°C / 212°F
Flammable limits (approximate volume % in air): LEL: NA UEL: NA
Autoignition temperature: NA
Vapor pressure: water
Water solubility: miscible
Vapor density: water
Specific gravity (water = 1): >1 – 1.2
% Volatile weight: Not applicable

SECTION 10 Stability and Reactivity

Stability: Stable under normal conditions

Materials to avoid: None Known

Hazardous polymerization: will not occur

SECTION 11 Toxicological Information

Hexylene Glycol (<1%)	CAS # 107-41-5
<i>Ingestion</i>	
Toxicity: LD50 (rat)	3.7 mg/kg
<i>Skin</i>	
Toxicity: LD50 (rabbit)	8.56 mg/kg

SECTION 12 Ecological Information

Ecotoxicity: Not available

Products of Biodegradation: Possibly hazardous short term degradation products are not likely.

Toxicity of Products of Biodegradation: The product itself and its products of degradation are not toxic



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SECTION 13 Disposal Considerations

Methods of disposal: This material may be safely incinerated or 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.

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

National Fire Protection Association Hazard Ratings (NFPA)

Health hazard 1

Flammability 1

Stability 0

SECTION 15 Regulatory Information

TSCA (USA - Toxic Substance Control Act)

All components of this product are listed on the U.S. Toxic Substances Control Act Inventory (TSCA Inventory) or are exempted from listing

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

311/312 Hazard categories

Based on evaluation of the components used this product does not contain hazardous ingredients

313 Reportable Ingredients:

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.

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

Components of this product identified by CAS number are listed on the DSL or NDSL, or otherwise are in compliance with the New Substances Notification (NSN) regulations.



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SECTION 16 Other Information

National Paint and Coating Hazardous Materials Identification System - HMIS (R)

Health hazard rating – 1
Flammability rating – 1
Instability rating – 0
Personal protection – C (safety glasses, gloves, apron)

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

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To the best of our knowledge the information contained here is accurate. However, neither the above named manufacturer nor any of its distributors assumes any liability whatsoever for the accuracy or the completeness of the information contained herein. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.
