



Product Name: Elasto-Shield
Revision Date 06/18/12

MATERIAL SAFETY DATA SHEET

SECTION 1 Product and Company Identification

Product

Product Name: Elasto-Shield
Product Description: Polymer Membrane
Intended Use: Waterproofing / Crack suppression

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

May cause eye, skin, and respiratory tract irritation.
Ingestion may cause gastric disturbances.

Appearance

Rose colored liquid with faint odor

Potential Health Effects

Primary routes of exposure: Eye and skin contact. Ingestion and inhalation are extremely unlikely in handling this product.

Acute Toxicity: May cause gastrointestinal disturbance. Product not tested. Statement derived from similarly comprised compounds.

Irritation: Irritation is possible when product comes into contact with skin, eyes, or respiratory tract. Product not tested. Statement derived from similarly comprised compounds.

Sensitization: Skin sensitizing effects were not observed in animal studies. Product not tested. Statement derived from similarly comprised compounds.

Carcinogenicity: No data available concerning carcinogenic effects. Product is in aqueous solution, thereby eliminating inhalation. Any raw materials are in non-reportable quantities.

Repeated dose toxicity: No adverse effects were observed after repeated inhalation exposure in animal studies. Product not tested. Statement derived from similarly comprised compounds.

Teratogenicity: No data available concerning teratogenic effects.



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Reproductive toxicity: No data available concerning reproductive effects.

Genotoxicity: The product was not mutagenic in bacteria. Product not tested. Statement derived from similarly comprised compounds.

Signs and symptoms of overexposure: No significant symptoms are expected due to the non-classification of the product. No hazards are anticipated.

SECTION 3 Composition / Information on Ingredients

This material is regulated as a mixture

Ingredient	CAS #	EC#	% (by weight)
Non Hazardous			
Ground Limestone (in aqueous solution= non-hazardous)	1317-65-3	ND	<38%
Polymer dispersion	732-18-5	ND	< 45%
Water			< 65%

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.

SECTION 5 Fire Fighting Measures

Extinguishing Media:

Appropriate: Product is non-combustible, consider surrounding area

Inappropriate: Product is non-combustible, consider surrounding area

Fire Fighting Procedures: Full protective equipment, including self-contained breathing apparatus required.

Unusual Fire and Explosion Hazard: No particular known hazards

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

Flammability Properties

Flash Point (Method): >150°C / 300°F

Flammable Limits (Approximate volume % in air): LEL: not applicable UEL: not applicable

Autoignition Temperature: not self igniting



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SECTION 6 Accidental Release Measures

Personal precautions: Use personal protective clothing. Avoid contact with skin and eyes.

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.

Additional Information: Beware of slip / fall hazard in spillage way.

SECTION 7 Handling and Storage

Handling: Handle in accordance with good industrial hygiene and safety practice. No special measures are required if product is used for intended purpose. Ensure adequate ventilation.

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

SECTION 8 Exposure Control / Personal Protection

Respiratory protection: 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

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

SECTION 9 Physical and Chemical Properties

General

Physical state: liquid

Color: rose

Odor: faint

Safety Data

pH: 8-9

Boiling point: >100°C / 212°F

Flash point: >150°C / 300°F

Vapor pressure: 23.4 hPa

Water solubility: miscible

Vapor density: no data available

SECTION 10 Stability and Reactivity

Stability: Stable under normal conditions

Conditions to avoid: temperature extremes, especially freezing



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Materials to avoid: metal salts

Hazardous decomposition products: carbon dioxide, carbon monoxide, hydrocarbons

Oxidizing properties: not fire propagating

SECTION 11 Toxicological Information

Acute Toxicity

Route of Exposure	Conclusion / Remarks
<i>Ingestion</i>	
Toxicity: LD50 > 2000 mg/kg (rat)	
<i>Skin</i>	
Toxicity: OECD Guideline 404 (rabbit)	
Irritation: data available	Not irritating to the skin based on available literature
<i>Eye</i>	
Toxicity: OECD Guideline 404 (rabbit)	
Irritation: data available	Not irritating to the eyes based on available literature

Chronic / Other Effects

No adverse health effects are expected if product is used for intended purpose. This statement was derived from products of similar composition.

SECTION 12 Ecological Information

Ecotoxicity: Material expected to have low toxicity to aquatic organisms

Mobility: Material dissolves in water. Under extreme circumstances may contaminate ground water.

Persistence and degradability

Biodegradation: the product can be virtually eliminated from water by abiotic processes (e.g. absorption into activated sludge)

Atmospheric oxidation: expected to degrade rapidly in atmosphere

Bioaccumulation potential: extremely low potential to bioaccumulate

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. Containers should be crushed, punctured, or other means to prevent unauthorized repurposing of used vessels.

Section 14 Transport Information

International transport regulations

This product is not regulated for transport.

Regulatory	UN	Proper shipping name	Class	Packing group	Additional	Marine pollutant



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<i>Information</i>	<i>number</i>				<i>information</i>	
ADR/RID class					none	
IMDG class					none	
IATA class					none	

National Fire Protection Association Hazard Ratings (NFPA)

Health hazard 1
Flammability 0
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 because of low volume or polymer exemption has been granted with 40 CFR 723.50

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

There are chemicals present known to the state of California to cause cancer or reproductive toxicity.

SECTION 16 Other Information

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

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

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

Date of printing 02/05/12

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