



SAFETY DATA SHEET

SECTION 1 Product and Company Identification

Product

Product Name: [ElastoShield™](#)

Product Description: Elastomeric water-proofing membrane

Intended Use: Water-proofing substrates for cement-based coatings

Company

Manufacturer: SureCrete Design Products, Inc.

15246 Citrus Country Drive

Dade City, FL 33523

USA

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SECTION 2 Hazards Identification

Classification of substance or mixture:

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

No need for classification according to GHS criteria for this product.

GHS Label Elements: The product does not require a hazard warning label in accordance with GHS criteria.

Hazard Symbol: None.

Other hazards which do not result in classification or are not covered by the GHS

If the product adheres to skin, irritation may occur when it dries. Use with local exhaust ventilation. Wear suitable protective clothing, gloves and eye/face protection. Wear full face shield if splashing hazard exists.

SECTION 3 Composition / Information on Ingredients

This product does not contain any components classified as hazardous under the referenced regulation. The chemical identity and concentration or concentration ranges of all ingredients which are hazardous within the meaning of the GHS are present below their cut-off levels (i.e. <0.1% for reproductive toxicity, carcinogenicity and category 1 mutagenicity and <1% for all other hazard classes.)

SECTION 4 First Aid Measures

General advice: Remove contaminated clothing.

Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Inhalation: Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.

Skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical



Skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion: Immediately rinse mouth and then drink plenty of water, do not induce vomiting, seek medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

Notes to physician: Treat symptomatically. No specific treatment.

SECTION 5 Fire Fighting Measures

Extinguishing Media: water spray, foam, dry powder.

Special Hazards: None known.

Unusual Fire and Explosion Hazard: None.

Advice for firefighters: Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information: Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered.

SECTION 6 Accidental Release Measures

Personal precautions: Use personal protective clothing. Avoid contact with skin and eyes. High risk of slipping due to leakage/spillage of product.

Environmental precautions: Do not release untreated into natural waters.

Methods for clean-up: For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations.

For large amounts: Pump off product.

Spills should be contained, solidified, and placed in suitable containers for disposal.

SECTION 7 Handling and Storage

Handling: Handle in accordance with good industrial hygiene and safety practice. No special measures necessary pro-vided product is used correctly. Ensure adequate ventilation.

Conditions of safe storage: Store protected against freezing.

SECTION 8 Exposure Control / Personal Protection

Advice on system design: Ensure adequate ventilation.

Personal Protective Equipment

Eye/face protection: Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

Skin protection: Chemical resistant protective gloves.



Respiratory protection: Wear respiratory protection if ventilation is inadequate.

Hygiene Measures: Hands and/or face should be washed before breaks and at the end of the shift. Avoid contact with skin and eyes.

SECTION 9 Physical and Chemical Properties

General

Physical state: Thick thixotropic liquid
Color: Reddish
Odor: Faint ammonia
Odor Threshold: Not available

Safety Data

pH in water: 8 – 9
Melting point: Not available
Boiling point: 100°C (212°F)
Flash point: >149°C (>300°F)
Flammability: Not flammable
Lower explosion limits: Not applicable
Upper explosion limits: Not applicable
Self-ignition: Not self-igniting
Freeze Point: Not available
Evaporation rate: Not applicable
Vapor pressure (mm Hg.): 23.4 hPa @ 20 C (68 F)
Water solubility: Partly soluble
Miscibility: miscible
Vapor density (air = 1): Not determined
Relative density: 1.01

SECTION 10 Stability and Reactivity

Chemical stability: Stable under normal storage conditions.

Possibility of Hazardous reactions: None under normal conditions of storage and use. After long storage, slight quantities of carbon monoxide may be formed.

Conditions to avoid: No specific data.

Incompatible materials: Metal salts.

Hazardous decomposition products: Carbon dioxide, carbon monoxide, hydrocarbons.

SECTION 11 Toxicological Information

Component Information

Chemical Name	Oral LD50	Inhalation LC50	Dermal
Elasto-Shield	>2000 - 10000 mg/kg (Rat)	>5 mg/L 4 hr. determined for mist	>5000 mg/kg



Acute Toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. Ingestion may cause gastrointestinal disturbances. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Primary routes of exposure: Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Assessment other acute effects: Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

Irritation / corrosion: Not irritating to eyes and skin. May cause mechanical irritation. If the product adheres to skin, irritation may occur when it dries. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Aspiration Hazard: No data available.

Sensitization: Assessment of sensitization: The product contains a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) (CAS 55965-84-9). May produce an allergic reaction. Due to the low concentrations in this product, sensitization is not expected to occur.

Chronic Toxicity/Effects:

Specific target organ toxicity- repeated exposure: No adverse effects were observed after repeated exposure in animal studies. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Genetic toxicity: The substance was not mutagenic in bacteria. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition

Carcinogenicity: The whole of the information assessable provides no indication of a carcinogenic effect.

Reproductive toxicity: Not expected to cause reproductive toxicity (based on composition).

Teratogenicity: The data available for an assessment of the effect of the substance on developmental toxicity are not sufficient for a proper evaluation.

Experiences in humans: The product is considered to be harmless to health if used in the correct manner.

Other Information: Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The statement was derived from products of similar composition.

Symptoms of Exposure: No significant symptoms are expected due to the non-classification of the product.

SECTION 12 Ecological Information



Chemical Name	Fish LC50	Algae/aquatic plants EC50	Crustacea EC50
Elasto-Shield	Brachydanio rerio >100 mg/L 96 h	Scenedesmus subspicatus >100 mg/L 72 h	Daphnia magna >100 mg/L 48 h

Persistence and degradability: The product can be virtually eliminated from water by abiotic processes e.g. adsorption onto activated sludge. > 70 % DOC reduction (OECD 302B; ISO 9888; 88/302/EEC, part C) Easily eliminated from water.

Bio accumulative potential: Based on its structural properties, the polymer is not biologically available. Accumulation in organisms is not to be expected.

Mobility in soil: No data available.

Additional information: Do not release untreated into natural waters. At the present state of knowledge, no negative ecological effects are expected. Ecological data are determined by analogy.

SECTION 13 Disposal Considerations

Methods of disposal: Incinerate or dispose of in a licensed facility. Do not discharge into drains/surface waters/groundwater.

Container disposal: Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent un-authorized use of used containers.

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
DOT		Not regulated			none	
ADR/RID class		Not regulated			none	
IMDG class		Not regulated			none	
IATA class		Not regulated			none	

SECTION 15 Regulatory Information

US federal regulations: This product is not hazardous according to OSHA 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

SARA 311/312 Hazardous chemical: Not hazardous.

US state regulations:

US. California Proposition 65: Warning: This product contains a chemical(s) known to the state of California to cause cancer and birth defects or other reproductive harm.



SECTION 16 Other Information

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

Hazard Rating:

	<i>health</i>	<i>flammability</i>	<i>reactivity</i>
HMIS	1	0	0
NFPA	1	1	0

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.