Product Name: XS-327 (A)
Revision Date 06/18/12

MATERIAL SAFETY DATA SHEET

SECTION 1 Product and Company Identification

Product
Product Name: XS-327 (part "A")
Product Description: Finishing aid
Intended Use: Precast sealer

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

Most Important Hazards
Health Hazards: R36: Irritating to eyes

GHS – Classification
Health Hazards: H320: causes eye irritation

SECTION 3 Composition / Information on Ingredients

This material is regulated as a mixture

Ingredient	CAS #	EC#	% (by weight)
Hazardous			
Triethanolamine	102-71-6	NE	<5%
Propylene Glycol n-Butyl Ether	5131-66-8	NE	<5%
Non Hazardous			
Acrylic Copolymer		REACH exempted	<41%
Water			<60%

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: Foam, CO_2, Dry chemical, water fog
Inappropriate: Solid streams of water

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): not determined
Flammable Limits (Approximate volume % in air): not determined
Autoignition Temperature: not determined

SECTION 6 Accidental Release Measures

Personal precautions: Evacuate personnel to safe areas. Ventilate area.

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, smoking near material. Remove all potential sources of ignition.

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: TLV –ACGIH 5 mg/m^3 (TWA), 5 mg/m^3 (STEL)

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: 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.

Environmental exposure controls: Emissions from work process equipment should be checked against requirements of appropriate environmental protection legislation. In some cases alteration to work process equipment may be necessary to reduce emissions to acceptable levels.

SECTION 9 Physical and Chemical Properties

General

Physical state: liquid
Color: milky white
Odor: characteristic acrylic

Safety Data

pH: not available
Boiling point: >190°C / 374°F
Flash point: no data available
Flammable limits (approximate volume % in air): no data available
Vapor pressure (mm Hg.): 22 mm/Hg @ 20°C / 68°F
Water solubility: miscible
Vapor density (air = 1): >1
Specific gravity (water = 1): .79 - .81

SECTION 10 Stability and Reactivity

Stability: Stable under normal conditions

Conditions to avoid: sources of ignition

Materials to avoid: Strong acids and bases

Hazardous decomposition products: thermal decomposition may create oxides of carbon

Hazardous polymerization: will not occur under normal conditions

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SECTION 11 Toxicological Information

Acute Toxicity

Route of Exposure	**Conclusion / Remarks**
Inhalation	
Toxicity : LC50	No data available
Irritation: data available	Elevated temperatures or mechanical action may form vapors, mist, or fumes that may be irritating to the eyes, nose, throat, or lungs based on available literature
Ingestion	

Toxicity: LD50 > 2000 mg/kg (rat)	Low toxicity
Skin	
Toxicity: LD50 > 5157 mg/kg (rabbit)	Low toxicity
Irritation: data available	Not irritating to the skin based on available literature
Eye	
Irritation: data available	Moderately irritating to the eyes based on available literature

Chronic / Other Effects

Information on the chronic health effects from long-term exposure to this material are limited to 13 – week studies using oral and dermal routes and dose levels of up to 1,000 mg/kg/day. Data available suggests minor liver effects in animals with the doses and routes noted above. In vitro and in vitro mutagenicity tests were negative. Not listed as carcinogenic by IARC, NTP, or OSHA.

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: readily biodegradable
Atmospheric oxidation: expected to degrade rapidly in atmosphere
Bioaccumulation potential: extremely low potential to bioaccumulate

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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.

Regulatory Information	*UN number*	*Proper shipping name*	*Class*	*Packing group*	*Additional information*	*Marine pollutant*
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

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

311/312 Hazard categories
Immediate Health
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
There are no chemicals present known to the state of California to cause cancer or reproductive toxicity.

CPR (Canadian Controlled Products Regulations)
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Cotrolled Products Regulations. WHMIS Classification : D2B

IDL (Canadian Ingredient Disclosure List)
Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in section 3.

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. Only ingredients classified as hazardous are listed in Section 3 unless otherwise indicated.

EINECS (European Inventory of Existing Commercial Chemical Substances)
Risk phrases: R36: irritating to eye
Safety advice: S02: keep out of reach of children
S24/25: Avoid contact with skin and eye

Precautionary statements
P280: wear protective gloves, clothing, eye and face protection
P303+P361+P353: if on skin / hair: remove / take off immediately all contaminated clothing; rinse with water

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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)

Full text of R-phrases referred to in section 2:

R36: irritating to eye

Full text of hazard statements referred to in section 2:

H320: causes eye irritation

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

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