



SAFETY DATA SHEET

SECTION 1 Product and Company Identification

Product

Product Name: [XS-327 Antimicrobial Part A](#), Semi-Gloss

Product Description: Premium Thin Film Antimicrobial Countertop Sealer / Part A

Intended Use: Antimicrobial Precast and Concrete sealer

Company

Manufacturer: SureCrete Design Products, Inc.

15246 Citrus Country Drive

Dade City, FL 33523

USA

Contact: 1-352-567-7973 (telephone general)

1-800-424-9300 Chemtrec

+1 703-741-5500 Chemtrec International

safety@fenixspc.com(e-mail)

SECTION 2 Hazards Identification

SIGNAL WORD: WARNING

PICTOGRAM: GHS07 - EXCLAMATION MARK

HAZARD CLASS

FLAMMABLE LIQUIDS

SKIN CORROSION/IRRITATION

SERIOUS EYE DAMAGE/

EYE IRRITATION

HAZARD CATEGORY

CATEGORY 3

CATEGORY 2

CATEGORY 2 AND 2A

HAZARD STATEMENTS

H227

H303

H315

H319

COMBUSTIBLE LIQUID

MAY BE HARMFUL IF SWALLOWED

CAUSES SKIN IRRITATION

CAUSES SERIOUS EYE IRRITATION

PRECAUTIONARY STATEMENTS:

PREVENTION:

P210

P233

P240

P241

P242

P243

P264

KEEP AWAY FROM HEAT/HOT SURFACES/SPARKS/OPEN
FLAMES AND OTHER SOURCES OF IGNITION

KEEP CONTAINER TIGHTLY CLOSED

GROUND AND BOND CONTAINER AND RECEIVING
EQUIPMENT

USE EXPLOSION PROOF ELECTRICAL/VENTILATION/
LIGHTING/HANLDING EQUIPMENT

USE NON-SPARKING TOOLS

TAKE ACTION TO PREVENT STATIC DISCHARGE

WASH HANDS AND ANY EXPOSED AREA THOROUGHLY



P280	AFTER HANDLING WEAR PROTECTIVE IMPERVIOUS GLOVES/OSHA APPROVED EYE PROTECTION/FACE PROTECTION.
RESPONSE:	
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower).
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (see on this label)
P332+P313	If skin irritation occurs: get medical advice/attention.
P337+P313	If eye irritation occurs: get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: use Carbon Dioxide (CO ₂), powder, alcohol resistant foam to extinguish.
STORAGE:	
P403+P235	Store in a well-ventilated place. Keep cool.
DISPOSAL:	
P504	Store separately. Dispose of contents/container in accordance with local/regional/national/international regulations.

OTHER HAZARDS: NONE KNOWN

Hazard Ratings

	<i>health</i>	<i>flammability</i>	<i>reactivity</i>	<i>PPE</i>
HMIS	2	1	1	B

SECTION 3 Composition / Information on Ingredients

Component	CAS Number	Weight %	Exposure Limits		
			OSHA PEL	ACGIH TLV	OTHER
<i>Dipropylene Glycol N-Butyl Ether</i>	29911-28-2	2.5-5.0	N/A	N/A	N/A
<i>Propylene Glycol N-Butyl Ether</i>	5131-66-8	0-2.5	N/A	N/A	N/A

SECTION 4 First Aid Measures

PRIMARY ROUTES OF EXPOSURE:

Skin contact.

DESCRIPTION OF FIRST AID MEASURES:

EYES: Flush with large amounts of water for 15 minutes, lifting upper and lower eyelids. If irritation persists seek medical attention.

SKIN CONTACT: Wash contaminated area with soap and water. Remove and launder contaminated clothing.

INGESTION: If a large amount is ingested, give water or milk and induce vomiting. Seek medical attention.



INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. If breathing has stopped administer artificial respiration. Seek medical attention if condition persists.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

EYES: Direct contact with eyes may cause irritation.

SKIN: Prolonged or repeated contact may cause irritation.

INHALATION: Inhalation of vapor or mist can cause irritation of nose, throat and lungs and lead to headaches and nausea.

INGESTION: Not an anticipated route of exposure. Small amounts are not expected to be harmful.

CHRONIC HEALTH EFFECTS:

No anticipated chronic effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

No known effects on other illnesses.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Treat symptomatically.

SECTION 5 Fire Fighting Measures

SUITABLE EXTINGUISHING MEDIA:

This material will not burn in its liquid state unless heated above its flash point. Dried films may burn and can be extinguished by water spray, foam, dry chemical or carbon dioxide.

SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

In the event of fire, harmful vapors including carbone monoxide, carbond dioxide, and others may be released. There is the possibility of pressure buildup in closed containers when heated. Water spray may be used to cool these containers.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS:

Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment. Isolate danger area, keep unauthorized personnel out.

SECTION 6 Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Evacuate area and keep unnecessary and unprotected personell from entering the spill area. Use proper personal protective equipment listed in section 8.

ENVIRONMENTAL PRECAUTIONS: Keep runoff from storm sewars, ditches, streams, lakes and other ground waters and waterways.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP:

Contain all spills. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize. Collect into suitable contaners and dispose of properly in accordance with all applicable regulations. (See Section 13) Rinse affected area thoroughly with water.



SECTION 7 Handling and Storage

Handling Precautions: Employees who come in contact with this material must be trained in accordance to 1910.1200 of the Hazard Communication Standard. Wear chemical resistant gloves and protective clothing to minimize contact. The use of respiratory protection is advised when spraying because of mist and dust overspray.

Storage Precautions: Keep containers tightly closed. Use and store material in cool, dry, well-ventilated areas away from heat, direct sunlight, hot metal surfaces, and all sources of ignition. Post "No smoking or open flame" sign. Store only in approved containers. Keep away from incompatible materials (see section 10). Protect containers against physical damage. Indoor storage should meet OSHA standards and appropriate fire codes.

OTHER PRECAUTIONS:

All empty containers should be disposed of in an environmentally safe manner in accordance with all governmental regulations.

SECTION 8 Exposure Control / Personal Protection

CONTROL PARAMETERS: SEE SECTION 3 FOR OCCUPATIONAL EXPOSURE LIMIT VALUES

ENGINEERING CONTROLS: General room ventilation is adequate.

Personal protective equipment

Respiratory protection: No special requirements under normal use conditions. In confined areas, or areas with poor ventilation, engineering controls should be used to minimize exposure. Use NIOSH/MSHA approved respirator if conditions warrant.

Hand protection: Prevent prolonged or repeated contact by wearing chemical resistant gloves and other appropriate protective clothing. Launder contaminated clothing before reuse.

Eye protection: Wear safety glasses to reduce eye contact potential. Chemical safety goggles (ANSI Z87.1 or approved equivalent) are appropriate if splashing is likely. Eye washes must be available where eye contact can occur.

Other protective clothing or equipment: A source of clean water should be available for flushing eyes and skin. Showers should be available if larger spills are possible.

WORK/HYGIENIC PRACTICES:

Efforts should be made to minimize contact and spills. Always wash hands before eating, drinking, or smoking. Clean up spills promptly. Follow OSHA and company guidelines.

SECTION 9 Physical and Chemical Properties

APPEARANCE/PHYSICAL STATE: Liquid

ODOR: Amine or ammonia odor

ODOR THRESHOLD: Not measured

MELTING/FREEZING POINT: Not Determined

SPECIFIC GRAVITY (H₂O=1): 1.04

EVAPORATION RATE: Not Determined



FLASH POINT: Greater than 200 Fm/a
UPPER EXPLOSION LIMIT: 8.4
LOWER EXPLOSION LIMIT: 1.1
DECOMPOSITION TEMPERATURE: Not Available
COATING V.O.C.: 104 g/l (0.87 lb/gl)
COLOR: Various colors
pH: Not Determined
SOLUBILITY IN WATER: Dilutable
BOILING POINT/RANGE:
VAPOR DENSITY: Greater Than Air
FLAMMABILITY: Not determined
VAPOR PRESSURE: Not Determined
AUTO-IGNITION TEMPERATURE: Not Determined
PARTITION COEFFICIENT: Not Available
VISCOSITY: Not Determined

SECTION 10 Stability and Reactivity

REACTIVITY: Will not occur.

CHEMICAL STABILITY:

Stable under normal conditions and handling.

POSSIBILITY OF HAZARDOUS REACTIONS:

No hazardous reactions if stored and handled as prescribed/indicated.

CONDITIONS TO AVOID:

None known

INCOMPATIBLE MATERIALS:

None known. Materials which are not compatible with water or ordinary organics will not be compatible with this material.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Combustion may liberate toxic byproducts such as carbon dioxide, and carbon monoxide, various oxides of carbon and nitrogen. Thermal decomposition may liberate acrylic monomers and ammonia.

SECTION 11 Toxicological Information

SENSITIZATION:

None known.

CARCINOGENICITY:

There is no data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.

REPRODUCTIVE TOXICITY:



There is no data available to indicate any components present at greater than 0.1% may present reproductive toxicity.

TERATOGENICITY (BIRTH DEFECTS):

There is no data available to indicate any components present at greater than 0.1% may cause birth defects.

MUTAGENICITY:

There is no data to indicate that any component present at greater than 0.1% will alter DNA.

SECTION 12 Ecological Information

ECOTOXICITY:

No data available.

PERSISTENCE AND DEGRADABILITY:

Not readily degradable.

BIOACCUMULATIVE POTENTIAL:

No data available.

MOBILITY IN SOIL:

No data available.

OTHER ADVERSE EFFECTS:

No known effects or critical hazards. No data available.

SECTION 13 Disposal Considerations

This product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261, however, state and local regulations may be more restrictive. Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.

SECTION 14 Transport Information

PROPER SHIPPING NAME: (UN #, SHIPPING NAME, HAZARD CLASS, PACKING GROUP)

Not regulated.

SECTION 15 Regulatory Information

US TOXIC SUBSTANCE CONTROL ACT (TSCA):

All ingredients of this product are listed, or are excluded from listing, on the US Toxic Substances Control Act (TSCA)



chemical substance inventory.

SARA 302 EXTREMELY HAZARDOUS SUBSTANCE: None

SARA 311/312 HAZARDOUS CHEMICAL: See Section 3

SARA 313 (TRI REPORTING): This product does not contain a chemical subject to the reporting requirements of SARA Title III, Section 313 (40CFR 372) above de minimis concentrations.

STATE LISTED COMPONENTS

CAS NUMBER

STATE CODE

CALIFORNIA PROPOSITION 65

This product does not contain a chemical known to the state of California to cause cancer, birth defects or reproductive harm, subject to the requirements of California Proposition 65.

SECTION 16 Other Information

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.