

SAFETY DATA SHEET

Date Prepared June 9, 2008

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

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SECTION I: PRODUCT IDENTIFICATION

Identify: Lythic Protector - Concrete Clear Sealer

Manufacturer: Lythic Solutions, Inc.
3012 NE Minnehaha Street
Vancouver, WA 98663

Phone: (360) 694-5347

Emergency: CHEMTREC 800-424-9300

HMIS Codes:

Health Hazard	Fire Hazard	Reactivity	Personal Protection
1	0	0	C

SECTION II: MATERIAL COMPOSITION INFORMATION

<u>Ingredient</u>	<u>CAS #</u>	<u>Wt%</u>	TWA	
			Exposure Limits, PPM	
			<u>OSHA</u>	<u>ACGIH</u>
Acrylic Polymer	Proprietary	50-70	NA	NA
Dipropylene Glycol Normal Butyl Ether	29911-28-2	1-5	N/L	N/L
Colloidal LithioSilica	Not Specified	1-5	NA	NA

Comments: a: OSHA - 80 mg/M³ / % SiO₂.

b: The value is for total dust containing no asbestos and < 1% crystalline silica.

c: The first value is for total mass, the second value is for respirable mass.

d: OSHA - The first value is for total dust, the second value is for the respirable fraction.

e: ACGIH - The value is for inhalation (total) dust/ particulate.

*: Nuisance Particulate

SECTION III: HAZARD IDENTIFICATION

Product is not considered hazardous under normal conditions

Primary Routes of Exposure: Inhalation, Skin Absorption, Ingestion

Acute Effects From Short Term Exposure:

Inhalation: Mists may irritate nose, throat, and lungs, May cause headache, dizziness, nausea, weakness, shortness of breath.

Eyes: Contact with the liquid may cause irritation.

Skin: Prolonged or repeated contact with skin may cause irritation.

SECTION IV: FIRST AID MEASURES

Routes of Entry: Ingestion, Inhalation, Eye, or Skin contact.

Ingestion: Not expected to be toxic. Never give an unconscious person anything to ingest. If swallowed, immediately give two glasses of water, Seek Medical attention if ill effects develop.

Inhalation: May cause irritation. Remove to fresh air and provide oxygen. If not breathing, give artificial respiration. Seek medical attention if irritation persists.

Eye Contact: In case of contact, flush with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

Skin Contact: May cause irritation. Wash affected area with soap and water. Remove contaminated clothing and shoes. Seek medical attention if irritation persists.

SECTION V: FIRE FIGHTING MEASURES

OSHA Flammability Class:

Bulk Product Flash Point: Non Flammable

Flammable Limits in Air By Volume: LEL = N/A, VEL = N/A

Extinguishing Media: Foam, CO₂, Dry Chemical, Water Fog

Special Fire Fighting Procedures: Evacuate all unnecessary personnel. Use full protective equipment, including self-contained breathing apparatus. Use water spray, preferably fog, to cool closed containers to prevent pressure build up and possible explosion,

SECTION VI: ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled:

Spill - Absorb with an inert material such as soil, clay, or commercially available absorbent and shovel into an appropriate waste disposal container.

Waste Disposal Method: Sanitary landfill or sewer. Observe all environmental regulations, Federal, State, and Local regulations.

THIS PRODUCT WHEN SPILLED OR DISPOSED OF IS A NON-HAZARDOUS WASTE AS DEFINED IN RCRA REGULATION (40CFR 261).

SECTION VII: HANDLING AND STORAGE

General Handling:

Avoid breathing vapor, aerosol and mist.

Do not swallow.

Keep container closed.

Use with adequate ventilation.

Wash thoroughly after handling

FOR INDUSTRIAL USE ONLY

Protect from Freezing – product stability may be affected

Ventilation:

General mechanical room ventilation is expected to be satisfactory if handled at low temperatures or in covered equipment.

Local ventilation is needed in the presence of airborne mists.

Storage:

Product may freeze if stored below 32°F. Product damage may occur if frozen.

SECTION VIII: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation (Indoor /Enclosed Areas): Provide general mechanical ventilation or local exhaust to keep vapor concentrations below the PEL's and TLV's in Section II.

Hand Protection: When necessary wear impermeable gloves to prevent skin contact.

Eye Protection: When necessary wear eye protection designed to protect the eyes from liquid splash or mists. Note: contact lenses may contribute to the severity of an eye injury and should not be worn when working around chemicals.

Work/Hygienic Practices: Eye washes and safety showers are recommended in the work place. Wash hands after using, before eating, drinking, or using tobacco products. Periodically monitor exposure levels to hazardous ingredients listed in Section II and review permissible limits.

SECTION IX: PHYSICAL AND CHEMICAL CHARACTERISTICS

pH - 9.4-9.9

Boiling Point – >200° F

Freeze Point - 32°F

Odor - Glycol Ether

Appearance – Milky White Liquid

Specific Vapor Density - N/A

Specific Gravity - 1.01-1.03

Percent Volatile - 85-90% as Water

Stability in Water - Soluble in Water

V.O.C - 25 grams per liter

SECTION X: STABILITY/REACTIVITY

Stability: Stable

Hazardous Polymerization: Will Not Occur

Incompatibility: Strong Oxidizing Agents, Acids

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide

Conditions to Avoid: High Temperature,

SECTION XI: TOXICOLOGICAL INFORMATION

NOT ESTABLISHED

SECTION XII: ECOLOGICAL INFORMATION

NOT APPLICABLE

SECTION XIII: DISPOSAL CONSIDERATIONS

Dispose of in accordance with applicable Federal, State, and local requirements. Dispose in accordance with applicable Federal, State, Provincial, and local environmental regulations.

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SECTION XIV: TRANSPORT INFORMATION

NOT REGULATED

SECTION XV: REGULATORY INFORMATION

Do not mix this product with other materials unless advised by the supplier.

CERCLA - Components present in this product at a level which could require reporting under 40CFR 302.4.....NONE

RCRA - Product concentrate does not meet the definition of a hazardous waste as defined under 40CFR 261. It is possible that in use, the mix may be contaminated by metals or by chlorinated solvents and the final waste may meet the TCLP definition. Each facility should assess each waste stream to determine if the used fluid should be treated as a hazardous waste.

TSCA - The ingredients of this product are on the TSCA inventory.

SARA HAZARD CATEGORIES

Acute Health.....YES

Chronic Health.....NO

Fire.....NO

Sudden Release of Pressure.....NO

Reactive.....NO

STATE RIGHT TO KNOW - Many states have enacted Community Right To Know laws which require information beyond that mandated by federal laws. Since some of these laws are inconsistent with the federal laws, the information in this sheet may not fully meet the requirements of every state

TOXIC SUBSTANCES (313) -

Components present in the product at levels which could require reporting under the statute NONE

Proposition 65 California: This product does not contain any chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

SECTION XVI: OTHER INFORMATION

The facts and recommendations contained herein are based on our own research and the research of others, and are believed to be accurate. No guarantee of their accuracy is made as we cannot cover every possible application for our products, nor anticipate variations encountered in manufacturing equipment and methods. Products discussed are sold without warranty, express or implied and on the condition that purchasers shall make their own determination as to the suitability of such products for their particular purposes. Seller shall not be liable for any injury, loss, or damage, direct or consequential arising from the use or inability to use the product. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patents.