

# Safety Data Sheet

## I. Product and Company Identification

**PRODUCT:** ISO-FLEX 628 SEALER  
**MANUFACTURER:** LymTal International, Inc.  
4150 S. Lapeer Rd. Orion, MI 48359  
www.lymtal.com  
For Non-Emergency Questions,  
Hours 8AM To 4PM Eastern Standard Time  
(248) 373-8100

**EMERGENCY CONTACT:** 24-Hour Chemtrec (800)424-9300  
Chemtrec, D.C. Area (800)483-7616

## II. Hazards Identification

Classification of the Substance or Mixture:



Skin Corrosion/Irritation, CAT 3; Skin Sensitizer, CAT 1;

Signal Word: **WARNING**

Hazard Statements:

H315	Causes Skin Irritation	Skin Corrosion/Irritation Cat 2
H317	May Cause An Allergic Skin Reaction	Skin Sensitizer, Cat 1
H402	Harmful To Aquatic Life	Aquatic Environmental Hazard, Cat 3

Precautionary Statements:

P102	Keep Out Of Reach Of Children
P103	Read Label Before Use
P260	Do Not Breathe Dust/Fume/Gas/Mist/Vapors/Spray
P264	Wash Thoroughly After Handling
P270	Do Not Eat/Drink/Smoke While Using This Product
P272	Contaminated Clothing Should Not Be Allowed Out Of the Workplace
P273	Avoid Release To The Environment
P280	Wear Protective Gloves/Protective Clothing/Eye Protection/Face Protection
P302 + P362+P353	If On Skin: take Off Contaminated Clothing, Rinse Skin With Water/Shower
P309+P311	If Exposed Or If You Feel Unwell: Call A Poison Center Or Doctor
P312	Call A Poison Center/Doctor If You Feel Unwell
P332+P313	If Skin Irritation Occurs, Get Medical Advice/Attention
P363	Wash Contaminated Clothing Before Reuse
P403+P233	Store In A Well Ventilated Place. Keep Container Tightly Closed.
P405	Store Locked Up
P501	Dispose Of Contents/Container In Accordance With Local/Regional/National/International/Regulations

### III. Composition/Information on Ingredients

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). Where a proprietary ingredient is shown, the identity may be made available as provided in this standard. All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

<u>Ingredients:</u>	<u>CAS #:</u>	<u>CONTENT</u>
Dimethyl, Methylhydrogen Siloxane	68037-59-2	15-40%
N-Octyltriethoxysilane	2943-75-1	15-40%
Polyethylene Oxide Lauryl Ether	9002-90-0	1-5%
Acetaldehyde	75-07-0	<0.1%

#### California Proposition 65 ingredients

Acetaldehyde	75-07-0	<0.1%
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#### Section 313 Supplier Notification

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 (40CFR372)

None

### IV. First Aid Measures

<u>Inhalation</u>	Remove victim from exposure. If difficulty with breathing, administer oxygen and seek medical assistance
<u>Eyes</u>	Flush eyes with cold water for a minimum of 15 minutes, lifting lower and upper eye lids throughout. Seek immediate medical attention.
<u>Skin</u>	Immediately remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.
<u>Ingestion</u>	Do not induce vomiting; get immediate medical attention, if vomiting occurs spontaneously keep head below hips to prevent aspiration of liquids into lungs. Do not give anything by mouth to an unconscious person

### V. Fire Fighting Methods

HMIS Hazard Rating No. 1

Flash Point: > 100 °C ( 212 °F )

Method: T C.C.

General Hazard: Decomposition and combustion products may be toxic.

Auto-Ignition Temp.: 310 °C ( silane )

Limits of Flammability

LEL: Not Available

UEL: Not Available

Extinguishing Media

For small fires, use water spray, foam, CO<sub>2</sub>, or dry chemical. For large fires, use water spray, fog, or foam.

Special Fire & Unusual Hazards

Move containers from area if it can be done without risk. Cool fire-exposed containers with water from the side. As in any fire, wear NIOSH/MSHA approved, pressure demand self contained breathing apparatus and full protective gear.

### VI. Accidental Release Measures

Action To Take For Spills/ Leaks: Avoid contact with skin or eyes. Ventilate the area, and eliminate all sources of ignition. Wear appropriate protective gear, contain leak or spill, salvage, and clean up residue with absorbent material.

Waste Disposal Method: Handle disposal of waste material in a manner that complies with local, state, province and federal regulation. Landfill if solidified, or incineration at agency approved waste-disposal facilities.

## VII. Handling And Storage

Store Dry At 50-95°F. Condition Material To 65-85°F Before Using. Do Not Freeze.

### Special Instructions

Product generates ethyl alcohol on exposure to water / air. Provide ventilation during use. Avoid breathing vapor, mist or fumes. Product evolves minute quantities of hydrogen gas which can accumulate, ensure adequate ventilation to maintain vapors below flammability limits. Do not repackage, as pressure build up will occur, do not store in glass as the pressure will cause the container to shatter. Store away from water or moisture. Avoid eye and skin contact.

Ethyl alcohol (by product when exposed to moisture )

Exposure Limits- TLV 1000ppm, PEL 1000ppm Generated on exposure to moisture.

## VIII. Exposure Controls / Personal Protection

Ventilation: Ventilation is recommended. Air movement must be designed to insure turnover at all locations in work area to avoid build up of heavy vapors.

Personal Protection Equipment: Do NOT wear contact lenses when working with this material. Use chemical goggles/safety glasses with side shields and impervious gloves. Wear clothing with long sleeves and pants. In operations where mists can be generated or the exposure limits for crystalline silica exceeded, wear a NIOSH/MSHA approved dust/fume respirator selected by a technically qualified person for the specific work conditions. Wear respirator protection whenever airborne concentrations exceed TLV ceilings or TWA, use NIOSH approved respirators for listed hazard.

Confined spaces, room, or tanks are areas where concern for TLV's is especially important. Reference OSHA regulation CFR 29 1910.134 for recommended respiratory protection.

## IX. Physical And Chemical Properties

Boiling Point (°C):	>35	Water/Oil Distribution	N/A
		Coefficient:	
<b>Percent Volatile:</b>	<b>&lt; 200 g / L</b>	Solubility in Water:	Soluble
Freezing Point (°C):	N/A	<b>Specific Gravity @20° C</b>	<b>1.0</b>
Vapor Pressure @ 20° C	N/A	pH:	N/A
Vapor Density	N/A	Evaporation Rate:	N/A
Odor Threshold:	N/A	<b>Odor:</b>	<b>Slight</b>
<b>Appearance:</b>	<b>milky liquid</b>		
N/A = Not Available	N/D=NOT Determined	Ca. = Approximate	

## X. Stability And Reactivity

HMIS Hazard Rating No. 1

### Stability

Stable

### Incompatibility:

Strong acids and bases, oxidizing and reducing agents and many metals or metallic compounds will liberate flammable hydrogen gas.

### Hazardous Decomposition Products

Oxides of Carbon; Decomposition and Combustion products may be toxic.

### Conditions To Avoid

Avoid source of ignition and contamination.

## XI. Toxicity Information

HMIS Hazard Rating No. 2

PRIMARY ROUTE OF ENTRY: Inhalation, dermal, skin and eyes.

Effects Of Overexposure

<u>Inhalation:</u>	May cause lung damage at prolonged or repeated inhalation or at higher concentrations.
<u>Eyes:</u>	Contact can cause moderate irritation.
<u>Skin Contact:</u>	May cause moderate skin irritation.
<u>Ingestion:</u>	May cause permanent damage to the mouth throat and stomach.
Chronic:	Prolonged exposure to ethanol has caused human birth defects. This product does not contain chemicals considered to be carcinogenic by NTP, IRAC, ACGIH, OSHA.

## XII. Ecological Information

Marine Pollutant: NL

(NL = Not Listed; P = Moderate; PP = Severe; ND = Not Determined)

## XIII. Disposal Considerations

Handle disposal of waste material in a manner that complies with all applicable local, state, provincial and federal regulations.

## XIV. Transport Information

### DOT SHIPPING INFORMATION

**DOT Proper Shipping Name**      **NOT REGULATED**

**IATA Bill of Lading - Air**      **NOT REGULATED (Vented packages forbidden for air transport).**

## XV. Regulatory Information

OSHA Hazard Communication Standard (29 CFR 1910.1200)	See section III
CERCLA/ Super fund (40 CFR 117,302)	N/A
SARA Extremely Hazardous Substances (40 CFR 355)	N/A
SARA Hazard Categories (40 CFR 370)	N/A
SARA Toxic Chemicals (40 CFR 372)	None
Inventory Status	The chemicals in this product are listed on the US TSCA Chemical Substance Inventory and the Canadian Domestic Substances List.

## XVI. Other Information

THE INFORMATION HEREIN HAS BEEN COMPILED FROM SOURCES BELIEVED TO BE RELIABLE AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, LymTal INTERNATIONAL INC. CANNOT GIVE ANY GUARANTEES REGARDING INFORMATION FROM OTHER SOURCES, AND EXPRESSLY DOES NOT MAKE ANY WARRANTIES, NOR ASSUMES ANY LIABILITY, FOR ITS USE.

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