

# Safety Data Sheet

## I. Product and Company Identification

**PRODUCT:** ISOFLEX 618-20 WB, WATER REPELLENT  
**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:  
Not Classified

Signal Word: **WARNING**

Hazard Statements:

H303	May Be Harmful If Swallowed	Acute Toxicity, Cat 5 Oral
H316	Causes Mild Skin Irritation	Skin Corrosion/Irritation Cat 3
H320	Causes Eye Irritation	Eye Damage/Irritation, Cat 2B

Precautionary Statements:

P102	Keep Out Of Reach Of Children
P103	Read Label Before Use
P264	Wash Thoroughly After Handling
P270	Do Not Eat/Drink/Smoke While Using This Product
P305+P351+P338	If In Eyes: Rinse Cautiously With Water For Several Minutes, Remove Contact Lenses If Present And Easy To Do. Continue Rinsing.
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
P337+P313	If Eye Irritation Persists: Get Medical Advice/Attention
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.

**Ingredients:**

Greater Than 69% Silane Emulsion

**CAS #:**

U.S. Patent NO. 6,610,782

**CONTENT**

Not Available

California Proposition 65 ingredients

None

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

Inhalation

Remove victim from exposure. If difficulty with breathing, administer oxygen and seek medical assistance

Eyes

Flush eyes with cold water for a minimum of 15 minutes, lifting lower and upper eye lids throughout. Seek immediate medical attention.

Skin

Immediately remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.

Ingestion

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. 0

**Flash Point: ( > 200 °F )**

Method: T.C.C.

General Hazard: Unknown

Auto-Ignition Temp.: Not Available

Limits of Flammability

LEL: Not Available

UEL: Not Available

Extinguishing Media

For small fires, use water spray, foam, CO2, or dry chemical. For large fires, use water spray, fog, or alcohol 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.

**Hazard Decomposition Products: (combustion): Silicon dioxide, carbon dioxide, & carbon monoxide.**

## 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

**Avoid freezing temperatures, DO NOT use near ignition sources, avoid, heat, alkali & strong oxidants.**

## 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 of this products is generated, wear a NIOSH/MSHA approved, self contained, 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

<b>Boiling Point (°F):</b>	<b>212 °F</b>	Water/Oil Distribution Coefficient:	N/A
<b>Volatile Organic Content:</b>	<b>0 g/l</b>	Solubility in Water:	Yes
<b>Freezing Point (°C):</b>	<b>32 °F</b>	<b>Specific Gravity @20° C</b>	<b>0.91- 0.92</b>
Vapor Pressure @ 20° C	N/A	Ph : (1% SOLUTION):	7
<b>Vapor Density</b>	<b>( air = 1 ) : &gt; 1</b>	Evaporation Rate:	N/A
Odor Threshold:	N/A	<b>Odor:</b>	<b>No Odor</b>
Appearance:	<b>White Opaque Liquid</b>		
N/A = Not Available	N/D=NOT Determined	Ca. = Approximate	

## X. Stability And Reactivity

HMIS Hazard Rating No. 0

Stability

**Stable**

Incompatibility:

Avoid alkali and strong oxidants.

Hazardous Decomposition Products

Decomposition and Combustion products may be toxic.

Conditions To Avoid

See incompatibility.

## XI. Toxicity Information

HMIS Hazard Rating No. 1

PRIMARY ROUTE OF ENTRY: Inhalation, dermal

Effects Of Overexposure

<u>Inhalation:</u>	Unknown
<u>Eyes:</u>	May cause irritation, redness.
<u>Skin Contact:</u>	May cause irritation, redness.
<u>Ingestion:</u>	Unknown
Chronic:	This product does not contain chemicals considered to be carcinogenic by NTP, IRAC, ACGIH, OSHA.

## XII. Ecological Information

Marine Pollutant: **Fish Toxicity:** LC50: 7.2 m/L ( solution diluted to 40 % active ingredients ).  
(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**

DOT Hazard Class

DOT I.D Number

Label(s):  
**PROTECT FROM FREEZING**

## XV. Regulatory Information

OSHA Hazard Communication Standard (29 CFR 1910.1200)	N/A
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.
<b>U.S. Patent Number</b>	<b>5,965,664 &amp; 6,610,782</b>

## XVI. Other Information

THE INFORMATION HEREIN HAS BEEN COMPLIED 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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