

# Safety Data Sheet

## I. Product and Company Identification

**PRODUCT:** **ISOFLEX 900 SAND**  
**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:



Carcinogenicity, CAT 1A; STOT Repeated Exposure, CAT 1(Lungs, Respiratory System)



STOT Single Exposure, CAT 3A (Lungs, Resp Irritation)

Signal Word: **DANGER**

Hazard Statements:

H335	May Cause Respiratory Irritation	Stot Single Exposure, Cat 3A, (Lungs, Respiratory System)
H350	May Cause Cancer (Inhalation)	Carcinogenicity, CAT 1A
H372	Causes Damage To Organs Through Prolonged Or Repeated Exposure	Stot Repeated Exposure, Cat 1 (Lungs, Respiratory System)

Precautionary Statements:

P102	Keep Out Of Reach Of Children
P103	Read Label Before Use
P201	Obtain Special Instructions Before Use
P202	Do Not Handle Until All Safety Precautions Have Been Read And Understood
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
P271	Use Only Outdoors Or In A Well Ventilated Area
P280	Wear Protective Gloves/Protective Clothing/Eye Protection/Face Protection
P285	In Case Of Inadequate Ventilation Wear Respiratory Protection
P308+P313	If Exposed Or Concerned: Get Medical Advice/Attention
P309+P311	If Exposed Or If You Feel Unwell: Call A Poison Center Or Doctor
P304+P340+P314	If Inhaled: Remove Person To Fresh Air And Keep Comfortable For Breathing, Get Medical Advice/Attention If You Feel Unwell.

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

<u>Ingredients:</u>	<u>CAS #:</u>	<u>CONTENT</u>
Crystalline Silica (Quartz)	14808-60-7	100%

#### California Proposition 65 ingredients

Crystalline Silica (Quartz)	14808-60-7	100%
-----------------------------	------------	------

#### 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

**WARNING! HARMFUL IF INHALED. OVEREXPOSURE MAY CAUSE LUNG DAMAGE. MAY CAUSE EYE IRRITATION. INHALATION CANCER HAZARD. CONTAINS QUARTZ WHICH CAN CAUSE CANCER. Risk of cancer depends upon duration and level of exposure.**

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: Not flammable

General Hazard: Not Applicable.

Auto-Ignition Temp.: Not Applicable.

Limits of Flammability

LEL: Not Available

UEL: Not Available

Extinguishing Media

Not Applicable.

Special Fire & Unusual Hazards

None

## VI. Accidental Release Measures

Action To Take For Spills/ Leaks: Ventilate area, wear appropriate protective gear, contain spill, salvage, clean up residue by sweeping and collect in suitable containers and follow waste disposal method below.  
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

## 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 dust.

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 dust / 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):	N/A	Water/Oil Distribution Coefficient:	N/A
VOC Content g/l:	<b>0 g / L</b>	Solubility in Water:	N/A
Freezing Point (°C):	N/A	Specific Gravity @20° C	<b>2.7</b>
Vapor Pressure @ 20° C	N/A	pH:	N/A
Vapor Density	N/A	Evaporation Rate:	N/A
Odor Threshold:	N/A	Odor:	<b>Aggregate</b>
Appearance:	<b>Solid aggregate</b>		
N/A = Not Available	N/D=NOT Determined	Ca. = Approximate	

## X. Stability And Reactivity

HMIS Hazard Rating No. 0

Stability

Stable

Incompatibility:

Avoid hydrofluoric acid as this will react with the silica to generate the corrosive gas SiF<sub>4</sub>.

Hazardous Decomposition Products Conditions To Avoid

Not Applicable  
Hydrofluoric acid

## XI. Toxicity Information

HMIS Hazard Rating No. 1

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

Effects Of Overexposure

Inhalation:

May cause silicosis of the lungs over time without dust masks etc.

**WARNING! HARMFUL IF INHALED. OVEREXPOSURE MAY CAUSE LUNG DAMAGE. MAY CAUSE EYE IRRITATION. INHALATION CANCER HAZARD. CONTAINS QUARTZ WHICH CAN CAUSE CANCER. Risk of cancer depends upon duration and level of exposure.**

Eyes:

Contact can cause severe irritation, redness, tearing and blurred vision.

Skin Contact:

May cause moderate skin irritation.

Ingestion:

May cause permanent damage to the mouth throat and stomach.

## 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**

## XV. Regulatory Information

OSHA Hazard Communication Standard  
(29 CFR 1910.1200)

See section II

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.

California Proposition 65

See section III for substance 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.

Date of Preparation/ Last Revision: 01/07/2019