

# Safety Data Sheet

## I. Product and Company Identification

**PRODUCT:** ISOFLEX 608 PART A  
**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 Sensitizer, CAT 1



Germ Cell Mutagenicity, CAT 2

Signal Word: **WARNING**

Hazard Statements:

H317	May Cause An Allergic Skin Reaction	Skin Sensitizer, Cat 1
H320	Causes Eye Irritation	Eye Damage/Irritation, Cat 2B
H341	Suspected Of Causing Genetic Defects	Germ Cell Mutagenicity , Cat 2

Precautionary Statements:

P101	If Medical Advice Is Needed, Have Product Container Or Label At Hand
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
P261	Avoid Breathing Vapors
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
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
P285	In Case Of Inadequate Ventilation Wear Respiratory Protection
P302 + P362+P353	If On Skin: take Off Contaminated Clothing, Rinse Skin With Water/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.  
P308+P313 If Exposed Or Concerned: Get Medical Advice/Attention  
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  
P362 Take Off Contaminated Clothing And Wash Before Reuse  
P403+P235 Store In A Well Ventilated Place. Keep Cool.  
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>
Bis A Epoxy Resin	25068-38-6	0-80%
o-Cresyl Glycidal Ether	2210-79-9	0-20%

#### 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

<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

<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

## VI. Accidental Release Measures

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

Waste Disposal Method: Handle disposal of waste material in manner which 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.  
Store Away From Open Flames And High Temperatures

## 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):	N/D	Water/Oil Distribution Coefficient:	N/A
VOC Content :	0.1% or 1.14 g/l	Solubility in Water:	Negligible
Freezing Point (°C):	N/A	Specific Gravity @20° C	1.14
Vapor Pressure @ 20° C	<10	pH:	N/A
Vapor Density	>air	Evaporation Rate:	N/A
Odor Threshold:	N/A	Odor:	Slight
Appearance:	Clear liquid		
N/A = Not Available	N/D=NOT Determined	Ca. = Approximate	

## X. Stability And Reactivity

HMIS Hazard Rating No. 0

Stability

Stable

Incompatibility:

Strong acids, oxidizing agents bases, amines and mercaptans.

Hazardous Decomposition Products

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

Conditions To Avoid

Strong acids in bulk.

## XI. Toxicity Information

HMIS Hazard Rating No. 2

PRIMARY ROUTE OF ENTRY: Inhalation, dermal, eyes

Effects Of Overexposure

<u>Inhalation:</u>	May cause irritation on the respiratory tract.
<u>Eyes:</u>	May be severely irritating to the eyes.
<u>Skin Contact:</u>	May be irritating to the skin. In some individuals it may cause sensitization.
<u>Ingestion:</u>	Not expected to be a relevant route of entry. May be slightly toxic if ingested.
<u>Chronic:</u>	This product does not contain chemicals considered to be carcinogenic by NTP, IARC, 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

## 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)	Health : Immediate Physical: Fire
SARA Toxic Chemicals (40 CFR 372) Inventory Status	None 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 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.

Date of Preparation/ Last Revision: 01/07/2016

# Safety Data Sheet

## I. Product and Company Identification

**PRODUCT:** **ISOFLEX 608 PART B**  
**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 1A; Eye Damage/Irritation, CAT 1



Germ Cell Mutagenicity, CAT 1B; Carcinogenicity, CAT 1B; Reproduction Toxicity, CAT 2

Signal Word: **DANGER**

Hazard Statements:

H314	Causes Severe Skin Burns And Eye Damage	Skin Corrosion/Irritation Cat 1A
H318	Causes Serious Eye Damage	Eye Damage/Irritation, Cat 1
H340	May Cause Genetic Defects	Germ Cell Mutagenicity , Cat 1B
H350	May Cause Cancer	Carcinogenicity, Cat 1B
H361	Suspected Of Damaging Fertility Or The Unborn Child	Reproduction Toxicity, Cat 2
H401	Harmful To Aquatic Life	Aquatic Environmental Hazard, Cat 2

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
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

P281	Wear Personal Protective Equipment As Required
P284	Wear Respiratory Protection
P301+P330+P331	If Swallowed: Rinse Mouth. Do Not Induce Vomiting
P302+P352	If On Skin: Wash With Plenty Of Soap And Water
P303 + P361+P353	If On Skin (Or Hair): Remove/Take Off Immediately All Contaminated Clothing. Rinse Skin With Water/Shower
P304+P340+P314	If Inhaled: Remove Person To Fresh Air And Keep Comfortable For Breathing, Get Medical Advice/Attention If You Feel Unwell.
P305+P351+P338	If In Eyes: Rinse Cautiously With Water For Several Minutes, Remove Contact Lenses If Present And Easy To Do. Continue Rinsing.
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
P310	Immediately Call A Poison Center Or Doctor
P332+P313	If Skin Irritation Occurs, Get Medical Advice/Attention
P337+P313	If Eye Irritation Persists: Get Medical Advice/Attention
P403+P235	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.

<b><u>Ingredients:</u></b>	<b><u>CAS #:</u></b>	<b><u>CONTENT</u></b>
Poly(Oxypropylene)Diamine	9046-10-0	15-40%
4-Nonylphenol	84852-15-3	15-40%
Benzyl Alcohol	100-51-6	15-40%
4-tert-Butylphenol	98-54-4	.5-1.5%
m-Xylenediamine	1477-55-0	.1-1%
Stoddard Solvent	8052-41-3	.1-1%

#### California Proposition 65 ingredients

Poly(Oxypropylene)Diamine	9046-10-0	15-40%
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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)

Poly(Oxypropylene)Diamine	9046-10-0	15-40%
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### 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: > 93°C (200°F)

Method: Pensky Martin C.C.

General Hazard: Decomposition and combustion products may be toxic.

Auto-Ignition Temp.: Not Available

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 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.

## VI. Accidental Release Measures

Action To Take For Spills/ Leaks: DANGER CORROSIVE: Avoid contact with skin or eyes. Ventilate area, 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 manner which 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

Store away from strong reducing or oxidizing agents

## 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):	N/D	Water/Oil Distribution Coefficient:	N/A
VOC Content:	0.1% or 1.01 g/l	Solubility in Water:	Negligible
Freezing Point (°C):	N/A	Specific Gravity @20° C	1.01
Vapor Pressure @ 20° C	N/A	pH:	N/A
Vapor Density	>air	Evaporation Rate:	N/A
Odor Threshold:	N/A	Odor:	Ammonical
Appearance:	Amber liquid		
N/A = Not Available	N/D=NOT Determined	Ca. = Approximate	

## X. Stability And Reactivity

HMIS Hazard Rating No. 0

Stability

Stable

Incompatibility:

Strong acids, oxidizing agents and natural rubber.

Hazardous Decomposition Products

Nitrogen oxides, carbon monoxide and unidentified organic compounds may be formed during combustion

Conditions To Avoid

Heat, flames and contact with strong oxidizing agents.

## XI. Toxicity Information

HMIS Hazard Rating No. 3

PRIMARY ROUTE OF ENTRY: Inhalation, dermal eyes

Effects Of Overexposure

Inhalation:

Vapors may be corrosive to the upper respiratory tract.

Eyes:

Contact can cause severe burns including blindness.

Skin Contact:

Corrosive to the skin. In some individuals it may cause sensitization.

Ingestion:

May cause permanent damage to the mouth throat and stomach.

Chronic:

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 Corrosive Liquid, N.O.S (alkaline amine)

DOT Hazard Class 8 (Corrosive material) PG II

DOT I.D Number UN 1760 Label(s) 8 (corrosive)

## 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) Health : Immediate  
Physical: Fire

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**

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Date of Preparation/ Last Revision: 01/08/2016