

# Safety Data Sheet

## I. Product and Company Identification

**PRODUCT:** ISO-FLEX 750 BASECOAT, 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:



Acute Toxicity, CAT 3; Inhale



Carcinogenicity, CAT 2; STOT Repeated Exposure CAT 2; Resp Sensitizer, CAT 1A



Long Term Aquatic Environmental Hazard, CAT 2

Signal Word:

**Danger**

Hazard Statements:

H227	Combustible Liquid	Flammable Liquid, Cat 4
H331	Toxic if Inhaled	Acute Toxicity, Cat 3; Inhale
H315	Causes Skin Irritation	Skin Corrosion/Irritation Cat 2
H319	Causes Serious Eye Irritation	Eye Damage/Irritation, Cat 2A
H334	May Cause Allergy Or Asthma Symptoms Or Breathing Difficulties If Inhaled	Resp Sensitizer, Cat 1A
H340	May Cause Genetic Defects	Germ Cell Mutagenicity, Cat 1B
H351	Suspected Of Causing Cancer	Carcinogenicity, Cat 2
H335	May Cause Respiratory Irritation	Stot Single Exposure, Cat 3, RTI, NE, CNS
H371	May Cause Damage To Organs	Stot Single Exposure, Cat 2 (Liver, Kidney, CNS)
H305	May Be Harmful If Swallowed and Enters Airways	Aspiration Hazard, Cat 2
H411	Toxic To Aquatic Life With Long Lasting Effects	Long term Aquatic environmental Hazard, Cat 2

Precautionary Statements:

P102	Keep Out Of Reach Of Children
P103	Read Label Before Use
P202	Do Not Handle Until All Safety Precautions Have Been Read And Understood
P210	Keep Away From Heat, Hot Surfaces, Sparks, Open Flames And Other Ignition Sources No Smoking
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
P273	Avoid Release To The Environment
P281	Wear Personal Protective Equipment As Required
P301 +P310	If Swallowed: Immediately Call A Poison Center/Doctor
P331	Do Not Induce Vomiting
P302 + P362+P353	If On Skin: take Off Contaminated Clothing, Rinse Skin With Water/Shower
P308+P313	If Exposed Or Concerned: Get Medical Advice/Attention
P332+P313	If Skin Irritation Occurs, Get Medical Advice/Attention
P305+P351+P338	If In Eyes: Rinse Cautiously With Water For Several Minutes, Remove Contact Lenses If Present And Easy To Do. Continue Rinsing.
P304+P340+P314	If Inhaled: Remove Person To Fresh Air And Keep Comfortable For Breathing, Get Medical Advice/Attention If You Feel Unwell.
P391	Collect Spillage
P403+P235+P233	Store In A Well Ventilated Place. Keep Cool. 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

<b><u>Ingredients:</u></b>	<b><u>CAS #:</u></b>	<b><u>CONTENT</u></b>
Magnesium Silicate	14807-96-6	<13.0%
Petroleum Hydrocarbons	64742-95-6	4.67%
Toluene Diisocyanate	26471-62-5	<1.0%
1,2,4-Trimethylbenzene	95-63-6	2.37%
Xylene	1330-20-7	2.37%
Cumene	98-82-8	0.11%
Ethyl Benzene	100-41-4	0.37%
Proprietary Ingredients		Balance

### 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>Extinguishing Media</u>	Use foam, Carbon dioxide, or dry chemical.
<u>Special Fire &amp; Unusual Hazards</u>	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 area, and 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 that complies with local, state, province and federal regulation. Landfill if solidified, or incineration at agency approved waste-disposal facilities.

Reference to other sections:

See Section VII for information on safe handling

See Section VIII for information on personal protection equipment

See Section XIII for disposal information

## VII. Handling And Storage

Storage:

Store in a cool dry place 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 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 g/l:	Part A = 110 g/L A+B Mixed = 98 g/L	Specific Gravity @20° C	A only: 1.139 A+B Mixed: 1.12
Freezing Point (°C):	N/A	Solubility in Water:	Negligible
Vapor Pressure @ 20° C	<0.01	pH:	N/A
Vapor Density	>air	Evaporation Rate:	N/A
Odor Threshold:	N/A	Odor:	Slight Aromatic
Appearance:	Gray Liquid		
N/A = Not Available	N/D=NOT Determined	Ca. = Approximate	

## X. Stability And Reactivity

HMIS Hazard Rating No. 1

<u>Stability</u>	Stable
<u>Incompatibility:</u>	Strong acids, oxidizing agents reducing agents, bases, peroxides amines and water.
<u>Hazardous Decomposition Products</u>	Oxides of Carbon; nitrogen; TDI, and hydrogen cyanide. Decomposition and Combustion products may be toxic.
<u>Conditions To Avoid</u>	Water as well as chemicals mentioned in incompatibility.

## XI. Toxicity Information

HMIS Hazard Rating No. 2

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

Effects Of Overexposure

<u>Inhalation:</u>	Vapors may be irritating to the upper respiratory tract.
<u>Eyes:</u>	Contact can cause severe irritation.
<u>Skin Contact:</u>	Irritating to the skin. In some individuals it may cause sensitization.
<u>Ingestion:</u>	May cause permanent damage to the mouth throat and stomach.
Chronic:	This product does contain chemicals considered to be carcinogenic by NTP, IRAC, ACGIH, and OSHA.

## XII. Ecological Information

Toxic to Aquatic Life with Long Lasting Effects, Hazard, Cat 2

## 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

This product is not regulated by DOT in containers of 119 gallon capacity or less. \*

DOT Proper Shipping Name **NOT REGULATED**

DOT Hazard Class

DOT I.D. Number

Label(s)

## XV. Regulatory Information

OSHA Hazard Communication Standard (29 CFR 1910.1200)	Hazardous
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 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: 5/07/2015

**\* DOT Foot note : The flash Point of this material is greater than 100 \*F. Regulatory classification of this material varies. DOT: Flammable liquid or combustible liquid. OSHA: Combustible liquid. IATA / IMO: Flammable liquid. This material is not regulated under 49 CFR in a container of 119 gallon capacity or less when transported solely by land, as long as the material is not a hazardous waste, a marine pollutant, or specifically listed as hazardous substance.**

# Safety Data Sheet

## I. Product and Company Identification

**PRODUCT:** ISO-FLEX 750 BASECOAT, PART B

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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:



Acute Toxicity, CAT 4; Skin Corrosion/Irritation CAT 2



STOT Repeated Exposure CAT 2 (Pancreas)



Acute Aquatic Environmental Hazard, CAT 1

Signal Word:

**Warning**

Hazard Statements:

H302	Harmful If Swallowed	Acute Toxicity, Cat 4
H315	Causes Skin Irritation	Skin Corrosion/Irritation Cat 2
H320	Causes Eye Irritation	Eye Damage/Irritation, Cat 2B
H373	May Cause Damage To Organs Through Prolonged Or Repeated Exposure	STOT Repeated Exposure, Cat 2 (Pancreas)
H410	Very Toxic To Aquatic Life With Long Lasting Effects	Long term Aquatic Environmental Hazard, Cat 1

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
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

P273	Avoid Release To The Environment
P280	Wear Protective Gloves/Protective Clothing/Eye Protection/Face Protection
P301+P312	If Swallowed: Call a Poison Center Or Doctor/Physician If You Feel Unwell
P309+P311	If Exposed Or It You Feel Unwell: Call A Poison Center Or Doctor/Physician
P330	Rinse Mouth
P302 + P362+P353	If On Skin: take Off Contaminated Clothing, Rinse Skin With Water/Shower
P332+P313	If Skin Irritation Occurs, Get Medical Advice/Attention
P305+P351+P315	If In Eyes: Rinse Cautiously With Water For Several Minutes, Get Immediate Medical Advice/Attention
P304+P340+P314	If Inhaled: Remove Person To Fresh Air And Keep Comfortable For Breathing, Get Medical Advice/Attention If You Feel Unwell.
P391	Collect Spillage
P405	Store Locked Up
P501	Dispose Of Contents/Container In Accordance With Local/Regional/National/International/Regulations

### III. Composition/Information on Ingredients

<b>Ingredients:</b>	<b>CAS #:</b>	<b>CONTENT</b>
N,N'-Dialkylaminodiphenyl-Methane	5285-60-9	<95%
Petroleum Hydrocarbons	64742-95-6	<10.05%
Proprietary Ingredients		Balance

### 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:** 149 °C (300°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**

Carbon Dioxide, foam, dry chemical and water fog.

**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 area, and 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 that complies with local, state, province and federal regulation. Landfill if solidified, or incineration at agency approved waste-disposal facilities.

## VII. Handling And Storage

Storage Instructions

Store in cool, dry place at 50-95°.  
Condition material to 65-85° 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 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):	441 °C	Water/Oil Distribution Coefficient:	N/A
<b>VOC Content g/l:</b>	<b>Part B = 38 g/L A+B Mixed = 98 g/L</b>	<b>Specific Gravity @20° C</b>	<b>B only: 0.992 A+B Mixed: 1.12</b>
Freezing Point (°C):	N/A	Solubility in Water:	Negligible
Vapor Pressure @ 20° C	<1	pH:	N/A
Vapor Density	10.7	Evaporation Rate:	N/A
Odor Threshold:	N/A	<b>Odor:</b>	<b>Ammonical</b>
<b>Appearance:</b>	<b>Gray Liquid</b>		
N/A = Not Available	N/D=NOT Determined	Ca. = Approximate	

## X. Stability And Reactivity

HMIS Hazard Rating No. 0

Stability

Stable

Incompatibility:

Peroxides, oxidizing, and reducing agents and sources of ignition

Hazardous Decomposition Products

Oxides of Carbon; nitrogen; 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, eyes and ingestion.

Effects Of Overexposure

Inhalation:

Unlikely at room temperatures at elevated temperatures may cause irritation.



Eyes: Contact can cause mild irritation  
Skin Contact: In some individuals it may cause sensitization.  
Ingestion: May cause permanent damage to the mouth throat and stomach.  
Chronic: This product does contain chemicals considered to be carcinogenic by NTP, IRAC, ACGIH, and 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

**Not Regulated**

## **XV. Regulatory Information**

OSHA Hazard Communication Standard (29 CFR 1910.1200)	Hazardous
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: None
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: 5/14/2015

