

# Safety Data Sheet

## I. Product and Company Identification

**PRODUCT:** ISO-FLEX RAIL GROUT I & II, 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:



Resp Sensitizer, CAT 1



Acute Toxicity, CAT 3, Inhale

Signal Word:

**DANGER**

Hazard Statements:

H303	May Be Harmful If Swallowed	Acute Toxicity, Cat 5, Oral
H313	May Be Harmful In Contact With Skin	Acute Toxicity, Cat 5, Dermal
H316	Causes Mild Skin Irritation	Skin Corrosion/Irritation, Cat 3
H317	May Cause An Allergic Skin Reaction	Skin Sensitizer, Cat 1A
H319	Causes Serious Eye Irritation	Eye Damage/Irritation, Cat 2A
H331	Toxic if Inhaled	Acute Toxicity, Cat 3, Inhale
H334	May Cause Allergy Or Asthma Symptoms Or Breathing Difficulties If Inhaled	Resp Sensitizer, Cat 1A
H335	May Cause Respiratory Irritation	Stot Single Exposure, Cat 3, RTI

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
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 Work Clothing Should Not Be Allowed Out Of The Workplace
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  
 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+P315 If In Eyes: Rinse Cautiously With Water For Several Minutes, Get Immediate Medical Advice/Attention  
 P309+P311 If Exposed Or If You Feel Unwell: Call A Poison Center Or Doctor  
 P312 Call A Poison Center/Doctor/Physician If You Feel Unwell  
 P332+P313 If Skin Irritation Occurs, Get Medical Advice/Attention  
 P337+P313 If Eye Irritation Persists: 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.

<b>Ingredients:</b>	<b>CAS #:</b>	<b>CONTENT</b>
Polyurethane Prepolymer	Proprietary	>97%

#### 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)

Isophorone Diisocyanate	4098-71-9	<1%
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### 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. 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**

Use foam, carbon dioxide, or dry chemical.

**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

Store At Ambient Room Temperature

## 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
<b>Percent Volatile:</b>	<b>&lt;0.1% 1.02 g/l</b>	<b>Solubility in Water:</b>	<b>Reacts in water</b>
Freezing Point (°C):	N/A	<b>Specific Gravity @20° C</b>	<b>1.02</b>
Vapor Pressure @ 20° C	N/A	pH:	N/A
Vapor Density	>1	Evaporation Rate:	N/A
Odor Threshold:	N/A	<b>Odor:</b>	<b>Aromatic</b>
<b>Appearance:</b>	<b>Amber liquid</b>		
N/A = Not Available	N/D=NOT Determined	Ca. = Approximate	

## X. Stability And Reactivity

HMIS Hazard Rating No. 1

### Stability

Incompatibility:

Hazardous Decomposition Products

Conditions To Avoid

### **Stable**

Water, alcohol, amines, bases and acids

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

Strong acids in bulk.

## XI. Toxicity Information

HMIS Hazard Rating No. 2

PRIMARY ROUTE OF ENTRY: Inhalation, dermal, skin and eye contact.

Effects Of Overexposure

Inhalation:

Vapors may be irritating to the upper respiratory tract.

Eyes:

Contact can cause severe irritation.

Skin Contact:

Irritating 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 **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	See section 313 supplier notification 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: 5/29/2015

# Safety Data Sheet

## I. Product and Company Identification

**PRODUCT:** ISO-FLEX RAIL GROUT I & II BK, 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:



Germ Cell Mutagenicity, CAT 1B; Carcinogenicity, CAT 2; Aspiration Hazard, CAT 1; STOT Repeated Exposure, CAT 2, Pancreas, Liver, Kidney, CNS; Reproduction Toxicity, CAT 1B



Aquatic Environmental Hazard, CAT 1; Long Term Aquatic Environmental Hazard, CAT 1



Acute Toxicity, CAT 4, Oral; Acute Toxicity, CAT 4, Inhale; Skin Corrosion/Irritation, CAT 2; Eye Damage/Irritation, CAT 2A; STOT Single Exposure, CAT 3, RTI, CNS



Flammable Liquid, CAT 3

Signal Word:

**DANGER**

Hazard Statements:

H226	Flammable Liquid And Vapor	Flammable Liquid, Cat 3
H302	Harmful If Swallowed	Acute Toxicity, Cat 4, Oral
H304	May Be Fatal If Swallowed And Enters Airways	Aspiration Hazard, Cat 1
H315	Causes Skin Irritation	Skin Corrosion/Irritation Cat 2
H319	Causes Serious Eye Irritation	Eye Damage/Irritation, Cat 2A
H332	Harmful If Inhaled	Acute Toxicity, Cat 4, Inhale
H335	May Cause Respiratory Irritation	Stot Single Exposure, Cat 3, RTI, CNS

H340	May Cause Genetic Defects	Germ Cell Mutagenicity , Cat 1B
H351	Suspected Of Causing Cancer	Carcinogenicity, Cat 2
H360	May Damage Fertility Or The Unborn Child	Reproduction Toxicity, Cat 1B
H373	May Cause Damage To Organs Through Prolonged Or repeated Exposure	Stot Repeated Exposure, Cat 2, Pancreas, Liver, Kidney, CNS
H400	Very Toxic To Aquatic Life	Aquatic Environmental Hazard, Cat 1
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
- P201 Obtain Special Instructions 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
- P233 Keep Container Tightly Closed
- P240 Ground/Bond Container And Receiving Equipment
- P241 Use Explosion Proof Electrical/Ventilation/Lighting/Equipment
- P242 Use Only Non Sparking Tools
- P243 Take Precautionary Measures Against Static Discharge
- 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
- P301 +P312 If Swallowed: Call A Poison Center/Doctor If You Feel Unwell
- P302 + P362+P353 If On Skin: take Off Contaminated Clothing, Rinse Skin With Water/Shower
- P303+P313 If Exposed Or Concerned: Get 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.
- P305+P351+P315 If In Eyes: Rinse Cautiously With Water For Several Minutes, Remove Contact Lenses If Present And Easy To Do. Continue Rinsing.
- P331 Do Not Induce Vomiting
- 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
- P370+P378 In Case Of Fire: Use Carbon Dioxide, Foam, Dry Chemical, Water Fog To Extinguish
- P391 Collect Spillage
- 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>
Diethyltoluenediamine	68479-98-1	<60%
Petroleum Hydrocarbons	64742-95-6	<11.7%
Proprietary Ingredients		Balance

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)

1,2,4 Trimethylbenzene	95-63-6	<5.92%
Xylene	1330-20-7	<0.555%
Cumene	98-82-8	<0.278%
Ethyl Benzene	100-41-4	<0.093%

## **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: 120 °F

Method: Cleveland O.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

Use water spray, foam, CO<sub>2</sub>, or dry chemical.

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**

Store In A Cool Dry Place.



## 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):	232	Water/Oil Distribution Coefficient:	N/A
<b>Percent Volatile:</b>	<b>&lt;18.5% OR &lt; 210 g/l</b>	Solubility in Water:	Negligible
Freezing Point (°C):	N/A	<b>Specific Gravity @20° C</b>	<b>1.115</b>
Vapor Pressure @ 20° C	N/A	pH:	N/A
Vapor Density	> air	Evaporation Rate:	N/A
Odor Threshold:	N/A	<b>Odor:</b>	<b>Ammonical</b>
<b>Appearance:</b>	<b>Pigmented liquid</b>		
N/A = Not Available	N/D=NOT Determined	Ca. = Approximate	

## X. Stability And Reactivity

HMIS Hazard Rating No. 0

Stability

Stable

Incompatibility:

Peroxide, oxidizing and reducing agents and flames.

Hazardous Decomposition Products

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

Conditions To Avoid

See incompatibility section.

## XI. Toxicity Information

HMIS Hazard Rating No. 1

PRIMARY ROUTE OF ENTRY: Inhalation, dermal, eyes

Effects Of Overexposure

Inhalation:

Vapor inhalation may cause irritation to the respiratory tract.

Eyes:

Contact can cause mild irritation.

Skin Contact:

Contact can cause mild irritation.

Ingestion:

Not expected to be a relevant route of exposure although it may cause gastrointestinal irritation, nausea, vomiting, diarrhea, headache, and drowsiness.

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: **NOT REGULATED**

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

### 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: Delayed
SARA Toxic Chemicals (40 CFR 372) Inventory Status	See section 313 supplier notification in section III 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: 5/29/2015

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4150 S. Lapeer Rd. Orion, MI 48359  
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Classification of the Substance or Mixture:



Germ Cell Mutagenicity, CAT 1B; Carcinogenicity, CAT 2; Aspiration Hazard, CAT 1; STOT Repeated Exposure, CAT 2, Pancreas, Liver, Kidney, CNS



Aquatic Environmental Hazard, CAT 1; Long Term Aquatic Environmental Hazard, CAT 1



Acute Toxicity, CAT 4, Oral; Skin Corrosion/Irritation, CAT 2; Eye Damage/Irritation, CAT 2A; Skin Sensitizer, CAT 1; STOT Single Exposure, CAT 3, RTI, CNS



Flammable Liquid, CAT 3

Signal Word:

**DANGER**

Hazard Statements:

H226	Flammable Liquid And Vapor	Flammable Liquid, Cat 3
H302	Harmful If Swallowed	Acute Toxicity, Cat 4, Oral
H315	Causes Skin Irritation	Skin Corrosion/Irritation Cat 2
H317	May Cause An Allergic Skin Reaction	Skin Sensitizer, Cat 1
H319	Causes Serious Eye Irritation	Eye Damage/Irritation, Cat 2A
H333	May Be Harmful If Inhaled	Acute Toxicity, Cat 5, Inhale
H335	May Cause Respiratory Irritation	Stot Single Exposure, Cat 3, RTI, CNS
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H351	Suspected Of Causing Cancer	Carcinogenicity, Cat 2

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P210	Keep Away From Heat, Hot Surfaces, Sparks, Open Flames And Other Ignition Sources No Smoking
P233	Keep Container Tightly Closed
P240	Ground/Bond Container And Receiving Equipment
P241	Use Explosion Proof Electrical/Ventilation/Lighting/Equipment
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P273	Avoid Release To The Environment
P280	Wear Protective Gloves/Protective Clothing/Eye Protection/Face Protection
P301 +P312	If Swallowed: Call A Poison Center/Doctor If You Feel Unwell
P302 + P362+P353	If On Skin: take Off Contaminated Clothing, Rinse Skin With Water/Shower
P303+P313	If Exposed Or Concerned: Get 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.
P305+P351+P315	If In Eyes: Rinse Cautiously With Water For Several Minutes, Remove Contact Lenses If Present And Easy To Do. Continue Rinsing.
P331	Do Not Induce Vomiting
P332+P313	If Skin Irritation Occurs, Get Medical Advice/Attention
P337+P313	If Eye Irritation Persists: Get Medical Advice/Attention
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Proprietary Ingredients		Balance

**California Proposition 65 ingredients**

None

### Section 313 Supplier Notification

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Xylene	1330-20-7	<0.555%
Cumene	98-82-8	<0.278%
Ethyl Benzene	100-41-4	<0.093%

## **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:** 120 °F

Method: Cleveland O.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

Use water spray, foam, CO2, or dry chemical.

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**

Store In A Cool Dry Place.

## 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):	232	Water/Oil Distribution Coefficient:	N/A
<b>Percent Volatile:</b>	<b>&lt;18.5% OR &lt; 210 g/l</b>	Solubility in Water:	Negligible
Freezing Point (°C):	N/A	<b>Specific Gravity @20° C</b>	<b>1.115</b>
Vapor Pressure @ 20° C	N/A	pH:	N/A
Vapor Density	> air	Evaporation Rate:	N/A
Odor Threshold:	N/A	<b>Odor:</b>	<b>Ammonical</b>
<b>Appearance:</b>	<b>Pigmented liquid</b>		
N/A = Not Available	N/D=NOT Determined	Ca. = Approximate	

## X. Stability And Reactivity

HMIS Hazard Rating No. 0

Stability

Stable

Incompatibility:

Peroxide, oxidizing and reducing agents and flames.

Hazardous Decomposition Products

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

Conditions To Avoid

See incompatibility section.

## XI. Toxicity Information

HMIS Hazard Rating No. 1

PRIMARY ROUTE OF ENTRY: Inhalation, dermal, eyes

Effects Of Overexposure

Inhalation:

Vapor inhalation may cause irritation to the respiratory tract.

Eyes:

Contact can cause mild irritation.

Skin Contact:

Contact can cause mild irritation.

Ingestion:

Not expected to be a relevant route of exposure although it may cause gastrointestinal irritation, nausea, vomiting, diarrhea, headache, and drowsiness.

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: **NOT REGULATED**

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

### 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: Delayed
SARA Toxic Chemicals (40 CFR 372) Inventory Status	See section 313 supplier notification in section III 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: 5/29/2015

# Safety Data Sheet

## I. Product and Company Identification

**PRODUCT:** RAIL GROUT PUMICE PART C  
**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

None (Quartz content below detectable limits of 0.1%)  
This product does not contain any harmful substances listed in GHS

## 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>
Pumice	1332-09-8	100%

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

Material is non-poisonous.

<u>Inhalation</u>	Blow nose, rinse mouth, drink water to clear throat. Remove to fresh air.
<u>Eyes</u>	Flush with copious amounts of clean water for 15 minutes. If irritation persists, consult a physician.



## V. Fire Fighting Methods

HMIS Hazard Rating No. 0

Flash Point: **Not flammable, aggregate**

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

Vacuum all clean spillage. If sweeping is necessary, use a dust suppressant.

## VII. Handling And Storage

Use techniques that minimize generating dust.

Material, when wet, may be slippery on a smooth surface. Use Caution.

## VIII. Exposure Controls / Personal Protection

Use an approved dust mask, such as a particulate filter respirator. Use filter-equipped vacuum to remove dust; do not blow off with compressed air. Local Exhaust is recommended. Use goggles for eye protection, protective gloves or clothing are not required. Avoid vigorous shaking of bags. Clean clothes with vacuum hose, not by blowing off.

## 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>2.35</b>
Vapor Pressure @ 20° C	N/A	pH:	7.2
Vapor Density	N/A	Evaporation Rate:	N/A
Odor Threshold:	N/A	Odor:	<b>Aggregate</b>
Appearance:	Solid aggregate ( off white )		
N/A = Not Available	N/D=NOT Determined	Ca. = Approximate	

## X. Stability And Reactivity

HMIS Hazard Rating No. 0

Stability

Stable

Incompatibility:

No specific chemicals

Hazardous Decomposition Products

Not Applicable

Conditions To Avoid

No specific conditions apply

## XI. Toxicity Information

HMIS Hazard Rating No. 0

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.  
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 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.

Pumice (CAS# 1332-09-8)

## 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: 6/15/2015