

Safety Data Sheet

I. Product and Company Identification

PRODUCT: LYMTAL 9020 ROOF COATING 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:



Flammable Liquid, CAT 3



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



Acute Toxicity, CAT 2, Inhale

Signal Word:

DANGER

Hazard Statements:

H226	Flammable Liquid And Vapor	Flammable Liquid, Cat 3
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
H330	Fatal If Inhaled	Acute Toxicity, Inhale Cat 2
H334	May Cause Allergy Or Asthma Symptoms Or Breathing Difficulties If Inhaled	Resp Sensitizer, Cat 1
H335	May Cause Respiratory Irritation	Stot Single Exposure, Cat 3A, Respiratory Irritation
H336	May Cause Drowsiness Or Dizziness	Stot Single Exposure, Cat 3B, Narcotic Effect
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
H402	Harmful To Aquatic Life	Aquatic Environmental Hazard, Cat 3

H412 Harmful To Aquatic Life With Long Lasting Effects

Long term Aquatic environmental Hazard, Cat 3

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
- 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
- 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
- P273 Avoid Release To The Environment
- P280 Wear Protective Gloves/Protective Clothing/Eye Protection/Face Protection
- P284 Wear Respiratory Protection
- P301 +P315 If Swallowed: Get Immediate Medical Advice/Attention
- P302 + P362+P353 If On Skin: take Off Contaminated Clothing, Rinse Skin With Water/Shower
- P304+P340 If Inhaled: Remove Person To Fresh Air And Keep Comfortable For Breathing
- P305+P351+P315 If In Eyes: Rinse Cautiously With Water For Several Minutes, Get Immediate Medical Advise/Attention
- P308+P313 If Exposed Or Concerned: Get Medical Advice/Attention
- P314 Get Medical Advice/Attention If You Feel Unwell
- 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
- P370+P378 In Case Of Fire: Use Carbon Dioxide, Foam, Dry Chemical, Water Fog To Extinguish
- P391 Collect Spillage
- 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>
Petroleum Hydrocarbons	64742-95-6	<13.5%
Proprietary Ingredients		Balance
<u>California Proposition 65 ingredients</u>		
Cumene	98-82-8	0.22%
Ethyl Benzene	100-41-4	0.073%

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	4.68%
Xylene	1330-20-7	0.44%
Cumene	98-82-8	0.22%
Ethyl Benzene	100-41-4	0.073%

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: > 43°C (110°F)

Method: Tag 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, eliminate all sources of ignition. Wear appropriate protective gear, contain leak or spill, salvage, clean up residue with absorbent material. This product is heavier than and insoluble in water. Wash down area using a soap solution and allow 10 minutes to react.

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 In 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 grams / liter =	121 g / L of Pt. A only (114 g/ L of Pt. A + Pt. B)	Solubility in Water:	Negligible
Freezing Point (°C):	N/A	Specific Gravity @ 20° C =	1.21
Vapor Pressure @ 20° C	N/A	pH:	N/A
Vapor Density	>air	Evaporation Rate:	N/A
Odor Threshold:	N/A	Odor:	Slight Aromatic
Appearance:	Pigmented liquid (mostly white)		
N/A = Not Available	N/D=NOT Determined	Ca. = Approximate	

X. Stability And Reactivity

HMIS Hazard Rating No. 1

Stability

Stable, avoid contact with moisture.

Incompatibility:

Strong oxidizing agents and reducing agents, strong acids, bases, amines and peroxides..

Hazardous Decomposition Products

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

Conditions To Avoid

Strong acids, bases, amines and peroxides in bulk.

XI. Toxicity Information

HMIS Hazard Rating No. 2

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

Effects Of Overexposure

Inhalation:

Vapors can be irritating to nose and mucous membranes.

Eyes:

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

INTERNATIONAL

DOT Proper Shipping Name **Flammable liquid, N.O.S (petroleum distillate)**

DOT Hazard Class **3 PG III**

DOT I.D Number **UN 1993** Label(s) **Flammable**

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 advisory in section III

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 list of chemicals

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: 3/22/2018

Safety Data Sheet

I. Product and Company Identification

PRODUCT: LYMTAL 9020 ROOF COATING 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 1C



STOT Repeated Exposure, CAT 2, Pancreas

Signal Word: **WARNING**

Hazard Statements:

H227	Combustible Liquid	Flammable Liquid, Cat 4
H302	Harmful If Swallowed	Acute Toxicity, Cat 4, Oral
H313	May Be Harmful In Contact With Skin	Acute Toxicity, Cat 5, Dermal
H314	Causes Severe Skin Burns And Eye Damage	Skin Corrosion/Irritation Cat 1
H317	May Cause An Allergic Skin Reaction	Skin Sensitizer, Cat 1
H319	Causes Serious Eye Irritation	Eye Damage/Irritation, Cat 2A
H373	May Cause Damage To Organs Through Prolonged Or repeated Exposure	Stot Repeated Exposure, Cat 2, Sore Throat

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
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
P272	Contaminated Work 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
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
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
P308+P313	If Exposed Or Concerned: Get Medical Advice/Attention
P330	Rinse Mouth
P331	Do Not Induce Vomiting
P332+P313	If Skin Irritation Occurs, Get Medical Advice/Attention
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

<u>Ingredients:</u>	<u>CAS #:</u>	<u>CONTENT</u>
Cyclohexanemethanamin	54914-37-3	60-80%
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)

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

HMIS Hazard Rating No. 2

Flash Point: > 77.2 °C (171 °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, water spray or 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: 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 Away From Heat. Use Explosion Proof Equipment
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 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):	200 @ 53mmHg	Water/Oil Distribution Coefficient:	N/A
VOC Content g / L =	0 g / L of Pt. A only (114 g/ L of Pt. A + Pt. B)	Solubility in Water:	Reacts slowly
Freezing Point (°C):	-50	Specific Gravity @20° C =	0.91
Vapor Pressure @ 20° C	0.4	pH:	N/A
Vapor Density	>1	Evaporation Rate:	N/A
Odor Threshold:	N/A	Odor:	Pungent
Appearance:	Light yellow to amber liquid	Viscosity mPa @25 °C	20 - 30
N/A = Not Available	N/D=NOT Determined	Ca. = Approximate	

X. Stability And Reactivity

HMIS Hazard Rating No. 1

Stability

Stable

Incompatibility:

Oxidizing materials, water, cotton waste, or other combustible materials.

Hazardous Decomposition Products

Isophorone diamine, Isobutyraldehyde (in case of hydrolysis)

Conditions To Avoid

Oxidizing materials, water, cotton waste, or other combustible materials.

XI. Toxicity Information

HMIS Hazard Rating No. 3

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

Effects Of Overexposure

<u>Inhalation:</u>	Minimal inhalation hazard with industrial use
<u>Eyes:</u>	Corrosive. May cause permanent damage.
<u>Skin Contact:</u>	Corrosive to the skin.
<u>Ingestion:</u>	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, 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

DOT Proper Shipping Name	Amine, Liquid, Corrosive, N.O.S (blocked diamine)		
DOT Hazard Class	8 (Corrosive material)	PG III	
DOT I.D Number	UN 2735	Label(s)	8 (corrosive)

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)	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

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: 07/27/18