

# Safety Data Sheet

## I. Product and Company Identification

**PRODUCT:** ISO-FLEX PRIMER 20, LOW ODOR  
**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; Reproductive Toxicity, CAT 1B;

Signal Word: **DANGER**

### Hazard Statements:

H227	Combustible Liquid	Flammable Liquid, Cat 4
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
H332	Harmful if Inhaled	Acute Toxicity, Cat 4, Inhale
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
H360	May Damage Fertility Or The Unborn Child	Reproduction Toxicity, Cat 1B
H402	Harmful To Aquatic Life	Aquatic Environmental Hazard, Cat 3

### 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
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
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
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+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
P312	Call A Poison Center/Doctor If You Feel Unwell
P331	Do Not Induce Vomiting
P333+P313	IF Skin Irritation Or Rash Occurs, Get Medical Advice/Attention
P337+P313	If Eye Irritation Persists: Get Medical Advice/Attention
P342+P311	If Experiencing Respiratory Symptoms: Call A Poison Center Or Doctor/Physician
P363	Wash Contaminated Clothing Before Reuse
P370+P378	In Case Of Fire: Use Carbon Dioxide, Foam, Dry Chemical, Water Fog To Extinguish
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

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>
Polymeric Diphenylmethanediisocyanate	9016-87-9	60-70%
N-Methylpyrrolidone	872-50-4	15%
Proprietary Ingredients		Balance

#### California Proposition 65 ingredients

N-methylpyrrolidone	872-50-4	15%
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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)

Polymeric Diphenylmethanediisocyanate	9016-87-9	60 - 70%
N-methylpyrrolidone	872-50-4	15%

### 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:** 194 °F (NMP)

**Method:** Tag C.C.

**General Hazard:** Decomposition and combustion products may be toxic.

**Auto-Ignition Temp.:** Not Available

**Limits of Flammability**

LEL: 1.2% (solvent)

UEL: 7.1% (solvent)

**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, and clean up residue with absorbent material. This product is heavier than and insoluble in water. Wash down area using a soap solution and allow 30 minutes to react.

**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 In A Cool And 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/A	Water/Oil Distribution Coefficient:	N/A
<b>VOC Content g/l:</b>	<b>323 g / L</b>	Solubility in Water:	Reacts in water
Freezing Point (°C):	N/A	<b>Specific Gravity @20° C</b>	<b>1.08</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>Sweet Aromatic</b>
<b>Appearance:</b>	<b>Amber / Brown Liquid</b>		
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. 3

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 contain chemicals considered to be carcinogenic by 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

**Proper DOT Shipping  
Description:**

**Domestic non-bulk  
shipment ( 119 gal or  
less): Not Regulated**

**Domestic bulk shipment  
( > 119 gal): Combustible  
Liquid, N.O.S.  
(N-Methylpyrrolidone),  
NA 1993, III.**

## XV. Regulatory Information

OSHA Hazard Communication Standard  
(29 CFR 1910.1200)  
CERCLA/ Super fund (40 CFR 117,302)

Hazardous

N/A

SARA Extremely Hazardous Substances  
(40 CFR 355)  
SARA Hazard Categories (40 CFR 370)

N/A

SARA Toxic Chemicals (40 CFR 372)  
Inventory Status

Health : Immediate  
Physical: Delayed

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.

## 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.

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