

Safety Data Sheet

I. Product and Company Identification

PRODUCT: ISO-FLEX EPOXY 200, CLEAR, 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; Serious Eye Damage/Eye Irritation, CAT 2A;
Skin Corrosion/Irritation, CAT 2



Chronic Aquatic Environmental Hazard, CAT 2

Signal Word: **WARNING**

Hazard Statements:

H315	Causes Skin Irritation	Skin Corrosion/Irritation, Cat2
H319	Causes Serious Eye Irritation	Eye Damage/Irritation, Cat 2A
H317	May Cause An Allergic Skin Reaction	Skin Sensitizer, Cat 1
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
P260	Do Not Breathe Dust/Fume/Gas/Mist/Vapors/Spray
P262	Do Not Get In Eyes, On Skin, Or On Clothing
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
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+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/Doctor
P330	Rinse Mouth
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
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

<u>Ingredients:</u>	<u>CAS #:</u>	<u>CONTENT</u>
Biphenol A Polyglycidyl Ether Resin	25068-38-6	0-100%

California Proposition 65 ingredients

Biphenol A Polyglycidyl Ether Resin	25068-38-6	0-100%
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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)

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. Rinse mouth. Call a poison center/doctor if you feel unwell.

V. Fire Fighting Methods

HMIS Hazard Rating No. 1

Flash Point: > 93°C (>200°F)

Method: Setaflash C.C.

General Hazard: None

Auto-Ignition Temp.: Not Available

Limits of Flammability

LEL: Not Available

UEL: Not Available

Extinguishing Media

For small fires, use water spray, foam, CO2, or dry chemical. For large fires, use water spray, fog, or alcohol foam. Do not use a water jet.

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. Dam and absorb spillages with sand, earth, or other non-combustible 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 Away From Oxidizing Agents And High Temperature At 50-95°F.

VIII. Exposure Controls / Personal Protection

Ventilation: Ventilation is recommended. Air movement must be designed to ensure turnover at all locations in work area to avoid build up of heavy vapors.

Personal Protection Equipment: 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
Percent Volatile:	(0 g / L)	Solubility in Water:	Insoluble
Freezing Point (°C):	N/A	Relative Density	1.13
Vapor Pressure @ 20° C	N/A	pH:	N/A
Vapor Density	>air	Evaporation Rate:	Slower than Ether
Odor Threshold:	N/A	Odor:	Mild
Appearance:	Amber liquid,		
N/A = Not Available	N/D=NOT Determined	Ca. = Approximate	

X. Stability And Reactivity

HMIS Hazard Rating No. 0

Stability

Stable under normal conditions.

Incompatibility:

N/A

Hazardous Decomposition Products

Thermal decomposition of combustion may liberate carbon oxides and other toxic gases or vapors.

Conditions To Avoid

Avoid heat or contamination.

XI. Toxicity Information

HMIS Hazard Rating No. 2

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

Effects Of Overexposure

<u>Inhalation:</u>	In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes.
<u>Eyes:</u>	Causes serious eye irritation.
<u>Skin Contact:</u>	May be harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction.
<u>Ingestion:</u>	May be harmful if swallowed.
Chronic:	This product does not contain chemicals considered to be carcinogenic by NTP, IRAC, ACGIH, OSHA.

XII. Ecological Information

Marine Pollutant: ND

(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 In Containers of 119 Gallons Or Less

INTERNATIONAL/TOTE SHIPPING INFORMATION

Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Bisphenol A Epoxy Resin)
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Hazard Class	9 (Marine pollutant) PG III
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I.D Number	UN 3082	Label(s)	9 (Marine Pollutant)
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The data provided in this section is for information only and may not be specific to your package size or mode of transport. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

XV. Regulatory Information

OSHA Hazard Communication Standard (29 CFR 1910.1200) Bisphenol A Polyglycidyl Ether Resin 25068-38-6 All components are listed or exempt from the TSCA inventory.	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)	See section III supplier notification
Inventory Status	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 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: 05/04/2023

Safety Data Sheet

I. Product and Company Identification

PRODUCT: ISO-FLEX EPOXY 200, PART A,
CONCRETE GRAY

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; Eye Damage/Irritation, CAT 2B



Carcinogenicity, CAT 2

Signal Word:

WARNING

Hazard Statements:

H317	May Cause An Allergic Skin Reaction	Skin Sensitizer, Cat 1
H319	Causes Eye Irritation	Eye Damage/Irritation, Cat 2B
H351	Suspected Of Causing Cancer	Carcinogenicity, Cat 2

Precautionary Statements:

P102	Keep Out Of Reach Of Children
P260	Do Not Breathe Dust/Fume/Gas/Mist/Vapors/Spray
P262	Do Not Get In Eyes, On Skin, Or On Clothing
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
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.
P308+P313	If Exposed Or Concerned: Get Medical Advice/Attention
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
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>
Bisphenol A Polyglycidyl Ether Resin	25068-38-6	60-<100%
Titanium dioxide	13463-67-7	5-10%
o-Cresyl glycidyl ether	2210-79-9	0.5-<1.5%
Carbon Black	1333-86-4	0.1-<1%
Aluminum hydroxide	21645-51-2	0.1-<1%
Amorphous silica	7631-86-9	0.1-<1%

California Proposition 65 ingredients

Bisphenol A Polyglycidyl Ether Resin	25068-38-6	60-<100%
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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)

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. Remove contact lenses, if able. 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. Call a poison center/doctor if you feel unwell. Rinse mouth.

V. Fire Fighting Methods

HMIS Hazard Rating No. 1

Flash Point: > 93°C (200°F)

General Hazard: None

Auto-Ignition Temp.: Not Available

Limits of Flammability

LEL: Not Available

UEL: Not Available

Extinguishing Media

For small fires, use water spray, foam, CO2, or dry chemical. For large fires, use water spray, fog, or alcohol foam. Do not use a water jet.

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. Dam and absorb spillages with sand, earth, or other non-combustible 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 Away From Oxidizing Agents And High Temperature At 50-95°F.

VIII. Exposure Controls / Personal Protection

Ventilation: Ventilation is recommended. Air movement must be designed to ensure 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
Percent Volatile:	(3 g / l)	Solubility in Water:	Insoluble
Freezing Point (°C):	N/A	Relative Density	1.13
Vapor Pressure @ 20° C	N/A	pH:	N/A
Vapor Density	>air	Evaporation Rate:	Slower than Ether
Odor Threshold:	N/A	Odor:	Mild
Appearance:	Gray liquid		
N/A = Not Available	N/D=NOT Determined	Ca. = Approximate	

X. Stability And Reactivity

HMIS Hazard Rating No. 0

Stability

Stable under normal conditions.

Incompatibility:

No data available.

Hazardous Decomposition Products

No data available.

Conditions To Avoid

Avoid heat or contamination

XI. Toxicity Information

HMIS Hazard Rating No. 2

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

Effects Of Overexposure

Inhalation: In high concentrations, vapors, fumes, or mists may irritate nose, throat, and mucus membranes.
Eyes: Causes eye irritation.
Skin Contact: Irritating to the skin. In some individuals it may cause sensitization.
Ingestion: May be ingested by accident. Ingestion may cause irritation and malaise.
Chronic: This product contains chemicals considered to be carcinogenic by NTP, IRAC, ACGIH, OSHA.

XII. Ecological Information

Marine Pollutant: ND

(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 In Containers of 119 Gallons Or Less

INTERNATIONAL/TOTE SHIPPING INFORMATION

Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Bisphenol A Epoxy Resin)		
Hazard Class	9 (Marine pollutant) PG III		
I.D Number	UN 3082	Label(s)	9 (Marine Pollutant)

The data provided in this section is for information only and may not be specific to your package size or mode of transport. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

XV. Regulatory Information

OSHA Hazard Communication Standard
(29 CFR 1910.1200)
Bisphenol A Polyglycidyl Ether Resin 25068-38-6
All components are listed or exempt from the TSCA inventory.

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 (Acute)

Physical: Fire

None

SARA Toxic Chemicals (40 CFR 372)

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: 5/08/2023

Safety Data Sheet

I. Product and Company Identification

PRODUCT: ISO-FLEX EPOXY 200, 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



Aquatic Environmental Hazard, CAT 1



Skin Sensitizer, CAT 1; Acute Toxicity, Oral, CAT 4; Acute Toxicity, Inhale, CAT 4



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

Signal Word:

DANGER

Hazard Statements:

H302	Harmful If Swallowed	Acute Toxicity, Oral Cat 4
H314	Causes Severe Skin Burns and Eye Damage	Skin Corrosion/Irritation Cat 1A
H317	May Cause An Allergic Skin Reaction	Skin Sensitizer, Cat 1
H318	Causes Serious Eye Damage	Eye Damage/Irritation, Cat 1
H332	Harmful If Inhaled	Acute Toxicity, Inhale Cat 4
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
H400	Very Toxic To Aquatic Life	Aquatic Environmental Hazard, Cat 1

ORAL-19.13% Unknown Acute Toxicity Oral

DERMAL -75.57% Unknown Acute Toxicity Dermal

INHALE VAPOR-99.98% Unknown Acute Toxicity Inhale Vapor

INHALE DUST/MIST-99.76% Unknown Acute Toxicity Inhale Dust/Mist

ACUTE AQUATIC HAZARD-42.62% Unknown Acute Aquatic Environmental Hazard

CHRONIC AQUATIC HAZARD-100% Unknown Chronic Aquatic Environmental Hazard

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
P262	Do Not Get In Eyes, On Skin, Or On Clothing
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+P330+P331	If Swallowed: Rinse Mouth. Do Not Induce Vomiting
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/Doctor
P310	Immediately Call A Poison Center Or Doctor
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
P363	Wash Contaminated Clothing Before Reuse
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

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>
4-Nonylphenol	84852-15-3	25 - <50%
Poly(Oxypropylene) Diamine	9046-10-0	10 - <20%
Diethylenetriamine	111-40-0	10 - <20%
Bisphenol A	80-05-7	5 - <10%
Tris(Dimethylaminomethyl)Phenol	90-72-2	5 - <10%
Tetraethylene Pentamine	112-57-2	0.1 - <1%
Stoddard Solvent	8052-41-3	0.1 - <1%
Polypropylene Glycol	25322-69-4	0 - <1%

California Proposition 65 ingredients

Bisphenol A	80-05-7	5 - <10%
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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)

Bisphenol A	80-05-7	5 - <10%
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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

Flash Point: > 93°C (200°F)

Method: Setaflash C.C.

General Hazard: None

Auto-Ignition Temp.: Not Available

Limits of Flammability

LEL: Not Available

UEL: Not Available

Extinguishing Media

For small fires, use water spray, foam, CO2, or dry chemical. For large fires, use water spray, fog, or alcohol foam. Do not use water jet.

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.

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	N/A
		Coefficient:	
Percent Volatile: (less water, exempt solvent)	145 g / l	Solubility in Water:	Practically Insoluble
Freezing Point (°C):	N/A	Specific Gravity @20° C	N/A
Vapor Pressure @ 20° C	N/D	pH:	N/A
Vapor Density	>air	Evaporation Rate:	N/A
Odor Threshold:	N/A	Odor:	Mild Pungent
Appearance:	Clear to yellow		
N/A = Not Available	N/D=NOT Determined	Ca. = Approximate	

X. Stability And Reactivity

<u>Stability</u>	Stable
<u>Incompatibility:</u>	Strong acids
<u>Hazardous Decomposition Products</u>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.
<u>Conditions To Avoid</u>	Avoid heat, flame and contamination

XI. Toxicity Information

Diethylenetriamine CAS # 111-40-0, Acute oral toxicity (LD-50 oral), 1,080 mg/kg (rat), 2,330 mg/gl (rat).
Bisphenol A, CAS # 80-05-7, Acute oral toxicity (LD-50 oral), 4,100 mg/kg (rat), 3,300 mg/gl (rat).

PRIMARY ROUTE OF ENTRY:

Inhalation: In high concentrations, vapors, fumes, or mists may irritate nose, throat and mucus membranes.
Eyes: Causes serious eye damage.
Skin Contact: May be harmful in contact with skin. Causes severe skin burns. May cause an allergic skin reaction.
Ingestion: Harmful if swallowed.

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/IMDG SHIPPING INFORMATION:

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

International-

Proper Shipping Name	Environmentally Hazardous Substance, Liquid, N.O.S.(Nonylphenol)
Hazard Class	9 PG III
UN Number	UN 3082
Label(s)	Marine Pollutant

XV. Regulatory Information

US Federal Regulations

TSCA Section 12(b) Export Notification
(40 CFR 707, Subpt. D)

4-Nonylphenol- De minimis concentration: TSCA
5(a)(2)% One-Time Export Notification only.

Nonyl Phenol- De minimis concentration: TSCA
5(a)(2)% One-Time Export Notification only

US Toxic Substances Control Act (TSCA) Section
5(a)(2) Final Significant New Use Rules (SNURs)
(40 CFR 721, Subpt E)

None present or non-present in regulated
quantities

US OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

CERCLA Hazardous Substance List (40 CFR 302.4)
Superfund Amendments and Reauthorization
Act of 1986 (SARA) None present or non-present in regulated
quantities

SARA 302 Extremely Hazardous Substance None present or non-present in regulated
quantities

SARA 304 Emergency Release Notification Bisphenol A

SARA 311/312 Hazardous Chemical
Chemical Identity

Threshold Planning Quantity

4-Nonylphenol	10000lbs
Poly(Oxypropylene) Diamine	10000lbs
Diethylenetriamine	10000lbs
Bisphenol A	10000lbs
Tris(Dimethylaminomethyl)Phenol	10000lbs
Tetraethylene Pentamine	10000lbs
Stoddard Solvent	10000lbs
Polypropylene Glycol	10000lbs

SARA 313 (TRI Reporting)

4-Nonylphenol

Bisphenol A

Nonyl Phenol

Clean Air Act (CAA) Section 1129(r) Accidental Release Prevention (40 CFR 68.130)
None present or non-present in regulated quantities

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)
None present or non-present in regulated quantities

US State Regulations

California Proposition 65 Bisphenol A -Reproductive harm

New Jersey Worker and Community Right to Know Act Diethylenetriamine, Bisphenol A

Massachusetts RTK- Substance List 4-Nonylphenol, Diethylenetriamine, Bisphenol A

Pennsylvania RTK-Hazardous Substances 4-Nonylphenol, Diethylenetriamine, Bisphenol A

Rhode Island RTK Diethylenetriamine

International Regulations

Montreal protocol	Not applicable
Stockholm convention	Not applicable
Rotterdam convention	Not applicable
Kyoto protocol	Not applicable

VOC: When appropriately mixed with the other part, product has a VOC less water and exempt solvent of: 73 g/l

Regulatory VOC (less water and exempt solvent): 145 g/l

VOC Method 310: 14.54%

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.

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