

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous

Products Regulation (February 11, 2015).

Revision Date: 12/03/2021 Date of Issue: 03/09/2021 Version: 1.1

SECTION 1: IDENTIFICATION

1.1. Product Identifier Product Form: Mixture

Product Name: SPARTACOTE® Epoxy Membrane Part A

1.2. Intended Use of the Product

Membrane Underlayment

1.3. Name, Address, and Telephone of the Responsible Party

Company Company

LATICRETE International LATICRETE Canada ULC

1 Laticrete Park, N PO Box 129, Emeryville, Ontario, Canada

Bethany, CT 06524 NOR-1A0 T (203)-393-0010 (833)-254-9255

www.laticrete.com

1.4. Emergency Telephone Number

Emergency Number: For Chemical Emergency call ChemTel Inc. day or night:

(800)255-3924 (North America) (800)-099-0731 (Mexico)

+1 (813)248-0585 (International - collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US/CA Classification

Skin Irrit. 2 H315 Eye Dam. 1 H318 Skin Sens. 1 H317 Aquatic Acute 2 H401 Aquatic Chronic 2 H411

Full text of hazard classes and H-statements: see section 16

2.2. Label Elements

GHS-US/CA Labeling

Hazard Pictograms (GHS-US/CA)







Signal Word (GHS-US/CA) : Danger

Hazard Statements (GHS-US/CA) : H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H401 - Toxic to aquatic life.

H411 - Toxic to aquatic life with long lasting effects.

Precautionary Statements (GHS-US/CA): P261 - Avoid breathing vapors, mist, or spray.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.

P280 - Wear protective gloves, protective clothing, and eye protection.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor. P321 - Specific treatment (see section 4 on this SDS).

12/03/2021 EN (English US) 1/10

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P391 - Collect spillage.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US/CA)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Product Identifier	% *	GHS Ingredient Classification
Oxirane, 2,2'-[(1-	(CAS-No.) 25085-99-8	45-70	Skin Irrit. 2, H315
methylethylidene)bis(4,1-			Eye Irrit. 2A, H319
phenyleneoxymethylene)]bis-,			Skin Sens. 1, H317
homopolymer			Aquatic Acute 2, H401
			Aquatic Chronic 2, H411
Oxirane, mono[(C12-14-	(CAS-No.) 68609-97-2	7-13	Skin Irrit. 2, H315
alkyloxy)methyl] derivatives			Skin Sens. 1, H317
1,3-Butadiene, homopolymer	(CAS-No.) 9003-17-2	8.358 – 11.94	Comb. Dust
Styrene-butadiene copolymer	(CAS-No.) 9003-55-8	8.358 – 11.94	Comb. Dust
Carbon black	(CAS-No.) 1333-86-4	0.597 - 6.965	Comb. Dust
Extracts, petroleum, heavy paraffinic	(CAS-No.) 64742-04-7	1.99 – 5.97	Carc. 1B, H350
distillate solvent			Repr. 2, H361
			STOT RE 1, H372
			Aquatic Acute 2, H401
Oxirane, 2,2'-[1,4-	(CAS-No.) 2425-79-8	1-5	Acute Tox. 4 (Oral), H302
butanediylbis(oxymethylene)]bis-			Acute Tox. 4 (Dermal), H312
			Acute Tox. 4 (Inhalation:dust,mist), H332
			Skin Irrit. 2, H315
			Eye Dam. 1, H318
			Skin Sens. 1, H317
			Aquatic Acute 3, H402
			Aquatic Chronic 3, H412
Bisphenol A-epichlorohydrin	(CAS-No.) 25068-38-6	1.2 – 2.4	Skin Irrit. 2, H315
polymer			Eye Irrit. 2A, H319
			Skin Sens. 1, H317
			Aquatic Acute 2, H401
			Aquatic Chronic 2, H411

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Immediately drench affected area with water for at least 15 minutes. Obtain medical attention if irritation/rash develops or persists.

12/03/2021 EN (English US) 2/10

^{*}Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Eye Contact: Immediately rinse with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: Skin sensitization. Causes skin irritation. Causes serious eye damage.

Inhalation: Prolonged exposure may cause irritation.

Skin Contact: May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May produce an allergic reaction.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide and non-combusted hydrocarbons (smoke).

Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

5.4. Reference to Other Sections

Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills with an inert material. Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Precautions for Safe Handling: Avoid breathing vapors, mist, spray. Do not get in eyes, on skin, or on clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

12/03/2021 EN (English US) 3/10

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)

Membrane Underlayment

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

Carbon black (1333-86-4)			
USA ACGIH	ACGIH OEL TWA	3 mg/m³ (inhalable particulate matter)	
USA ACGIH	ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to	
		Humans	
USA OSHA	OSHA PEL (TWA) [1]	3.5 mg/m ³	
USA NIOSH	NIOSH REL (TWA)	3.5 mg/m ³	
		0.1 mg/m³ (Carbon black in presence of Polycyclic aromatic	
		hydrocarbons)	
USA IDLH	IDLH	1750 mg/m³	
Alberta	OEL TWA	3.5 mg/m ³	
British Columbia	OEL TWA	3 mg/m³ (inhalable)	
Manitoba	OEL TWA	3 mg/m³ (inhalable particulate matter)	
New Brunswick	OEL TWA	3.5 mg/m ³	
Newfoundland & Labrador	OEL TWA	3 mg/m³ (inhalable particulate matter)	
Nova Scotia	OEL TWA	3 mg/m³ (inhalable particulate matter)	
Nunavut	OEL STEL	7 mg/m ³	
Nunavut	OEL TWA	3.5 mg/m ³	
Northwest Territories	OEL STEL	7 mg/m³	
Northwest Territories	OEL TWA	3.5 mg/m ³	
Ontario	OEL TWA	3 mg/m³ (inhalable particulate matter)	
Prince Edward Island	OEL TWA	3 mg/m³ (inhalable particulate matter)	
Québec	VEMP (OEL TWA)	3 mg/m³ (inhalable dust)	
Saskatchewan	OEL STEL	7 mg/m³	
Saskatchewan	OEL TWA	3.5 mg/m ³	
Yukon	OEL STEL	7 mg/m³	
Yukon	OEL TWA	3.5 mg/m ³	

8.2. Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles.







Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves.

Eye and Face Protection: Chemical safety goggles and face shield.

12/03/2021 EN (English US) 4/10

Safety Data Sheet

Vapor Pressure

Relative Vapor Density at 20°C

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State : Liquid
Appearance : Black

Odor Not available **Odor Threshold** Not available Not available pН **Evaporation Rate** Not available **Melting Point** Not available **Freezing Point** Not available **Boiling Point** Not available Flash Point Not available Not available **Auto-ignition Temperature Decomposition Temperature** Not available Flammability (solid, gas) Not applicable **Lower Flammable Limit** Not available **Upper Flammable Limit** Not available

Relative Density : 1.12

Specific Gravity: Not availableSolubility: Not availablePartition Coefficient: N-Octanol/Water: Not availableViscosity: Not available

SECTION 10: STABILITY AND REACTIVITY

- **10.1. Reactivity:** Hazardous reactions will not occur under normal conditions.
- 10.2. Chemical Stability: Stable under recommended handling and storage conditions (see section 7).
- 10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
- **10.4.** Conditions to Avoid: Direct sunlight, extremely high or low temperatures, and incompatible materials.
- **10.5. Incompatible Materials:** Strong acids, strong bases, strong oxidizers.
- **10.6. Hazardous Decomposition Products:** Thermal decomposition generates: Carbon monoxide, carbon dioxide and noncombusted hydrocarbons (smoke).

Not available

Not available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product

Acute Toxicity (Oral): Not classified
Acute Toxicity (Dermal): Not classified
Acute Toxicity (Inhalation): Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Causes skin irritation. **Eye Damage/Irritation:** Causes serious eye damage.

Respiratory or Skin Sensitization: May cause an allergic skin reaction.

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified.

Specific Target Organ Toxicity (Repeated Exposure): Not classified.

12/03/2021 EN (English US) 5/10

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Reproductive Toxicity: Not classified.

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May produce an allergic reaction.

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Extracts, petroleum, heavy paraffinic distillate solvent (64742-04-7)		
LD50 Oral Rat	> 2000 mg/kg	
LD50 Dermal Rabbit	> 2000 mg/kg	
1,4-Benzenediamine, N1-(1,3-dimethylbutyl)-N4-phenyl- (793-24-8)		
LD50 Oral Rat	893 mg/kg	
LD50 Dermal Rabbit	> 7940 mg/kg	
Carbon black (1333-86-4)		
LD50 Oral Rat	> 8000 mg/kg	
Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives (68609-97-2)		
LD50 Oral Rat	17100 mg/kg	
LD50 Dermal Rabbit	> 3987 mg/kg	
Oxirane, 2,2'-[1,4-butanediylbis(oxymethylene)]bis- (2425-79-8)		
LD50 Oral Rat	1134 mg/kg	
LD50 Dermal Rat	> 2150 mg/kg	
Bisphenol A-epichlorohydrin polymer (25068-38-6)		
LD50 Oral Rat	> 2000 mg/kg	
LD50 Dermal Rat	> 2000 mg/kg	
Styrene-butadiene copolymer (9003-55-8)		
IARC Group	3	
Carbon black (1333-86-4)		
IARC Group	2B	
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.	

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Toxic to aquatic life with long lasting effects.

Extracts, petroleum, heavy paraffinic distillate solvent (64742-04-7)		
EC50 - Crustacea [1]	1.4 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
1,4-Benzenediamine, N1-(1,3-dimethylbutyl)-N4-phenyl- (793-24-8)		
LC50 Fish 1	0.4 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])	
EC50 - Crustacea [1]	0.51 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
LC50 Fish 2	0.028 mg/l (Exposure time: 96 h - Species: Oryzias latipes [flow-through])	
Carbon black (1333-86-4)		
EC50 - Crustacea [1]	5600 mg/l (Exposure time: 24 h - Species: Daphnia magna)	
Oxirane, 2,2'-[1,4-butanediylbis(oxymethylene)]bis- (2425-79-8)		
LC50 Fish 1	13 mg/l	
NOEC Chronic Algae	29 mg/l	
Bisphenol A-epichlorohydrin polymer (25068-38-6)		
EC50 - Crustacea [1]	1.7 mg/l	

12/03/2021 EN (English US) 6/10

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

LOEC (Acute)	1 mg/l Daphnia magna
NOEC Chronic Crustacea	0.3 mg/l Daphnia magna

12.2. Persistence and Degradability

SPARTACOTE® Epoxy Membrane Part A	
Persistence and Degradability	May cause long-term adverse effects in the environment.

12.3. Bioaccumulative Potential

SPARTACOTE® Epoxy Membrane Part A		
Bioaccumulative Potential	Not established.	
Extracts, petroleum, heavy paraffinic distillate solvent (64742-04-7)		
Partition coefficient n-octanol/water	> 0.5 (at 20 °C)	
(Log Pow)		

12.4. Mobility in Soil Not available

12.5. Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Ecology - Waste Materials: Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.CONTAINS : Oxirane, 2,2'-[(1-

methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer; Extracts, petroleum,

heavy paraffinic distillate solvent

Hazard Class : 9
Identification Number : UN3082
Label Codes : 9

Packing Group : III

Marine Pollutant : Marine pollutant

ERG Number : 171
14.2. In Accordance with IMDG

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.CONTAINS : Oxirane, 2,2'-[(1-

methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer; Extracts, petroleum,

heavy paraffinic distillate solvent

Hazard Class : 9
Identification Number : UN3082

Label Codes: 9Packing Group: IIIEmS-No. (Fire): F-AEmS-No. (Spillage): S-F

Marine pollutant : Marine pollutant

14.3. In Accordance with IATA

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.CONTAINS : Oxirane, 2,2'-[(1-

 $methylethylidene) bis (4,1-phenylene oxymethylene)] bis-, homopolymer\ ; Extracts, petroleum,$

heavy paraffinic distillate solvent

Hazard Class : 9
Identification Number : UN3082

12/03/2021 EN (English US) 7/10

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Label Codes : 9



Packing Group : III
ERG Code (IATA) : 9L
14.4. In Accordance with TDG

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.CONTAINS : Oxirane, 2,2'-[(1-

methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer; Extracts, petroleum,

heavy paraffinic distillate solvent

Hazard Class : 9
Identification Number : UN3082
Label Codes : 9

Packing Group : III

Marine Pollutant (TDG) : Marine pollutant



SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

SPARTACOTE® Epoxy Membrane Part A		
SARA Section 311/312 Hazard Classes	Health hazard - Respiratory or skin sensitization	
	Health hazard - Skin corrosion or Irritation	
	Health hazard - Serious eye damage or eye irritation	
Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymet	hylene)]bis-, homopolymer (25085-99-8)	
Listed on the United States TSCA (Toxic Substances Control Act		
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the	
	Chemical Data Reporting Rule, (40 CFR 711).	
1,3-Butadiene, homopolymer (9003-17-2)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the	
	Chemical Data Reporting Rule, (40 CFR 711).	
Styrene-butadiene copolymer (9003-55-8)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the	
	Chemical Data Reporting Rule, (40 CFR 711).	
Extracts, petroleum, heavy paraffinic distillate solvent (64742	2-04-7)	
Listed on the United States TSCA (Toxic Substances Control Act	:) inventory	
Carbon black (1333-86-4)		
Listed on the United States TSCA (Toxic Substances Control Act	;) inventory	
Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives (68609-9	97-2)	
Listed on the United States TSCA (Toxic Substances Control Act	;) inventory	
EPA TSCA Regulatory Flag	TP - TP - indicates a substance that is the subject of a proposed	
	Section 4 test rule under TSCA.	
Oxirane, 2,2'-[1,4-butanediylbis(oxymethylene)]bis- (2425-79	-8)	
Listed on the United States TSCA (Toxic Substances Control Act	;) inventory	
EPA TSCA Regulatory Flag	TP - TP - indicates a substance that is the subject of a proposed	
	Section 4 test rule under TSCA.	
Bisphenol A-epichlorohydrin polymer (25068-38-6)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the	
	Chemical Data Reporting Rule, (40 CFR 711).	

15.2. US State Regulations

California Proposition 65

12/03/2021 EN (English US) 8/10

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).



WARNING: This product can expose you to Carbon black, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Chemical Name (CAS No.)	Carcinogenicity	Developmental Toxicity	Female Reproductive Toxicity	Male Reproductive Toxicity
Carbon black (1333-86-4)	X			

Extracts, petroleum, heavy paraffinic distillate solvent (64742-04-7)

U.S. - Massachusetts - Right To Know List

Carbon black (1333-86-4)

- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List
- U.S. Massachusetts Right To Know List

15.3. Canadian Regulations

Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer (25085-99-8)

Listed on the Canadian DSL (Domestic Substances List)

1,3-Butadiene, homopolymer (9003-17-2)

Listed on the Canadian DSL (Domestic Substances List)

Styrene-butadiene copolymer (9003-55-8)

Listed on the Canadian DSL (Domestic Substances List)

Extracts, petroleum, heavy paraffinic distillate solvent (64742-04-7)

Listed on the Canadian DSL (Domestic Substances List)

Carbon black (1333-86-4)

Listed on the Canadian DSL (Domestic Substances List)

Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives (68609-97-2)

Listed on the Canadian DSL (Domestic Substances List)

Oxirane, 2,2'-[1,4-butanediylbis(oxymethylene)]bis- (2425-79-8)

Listed on the Canadian DSL (Domestic Substances List)

Bisphenol A-epichlorohydrin polymer (25068-38-6)

Listed on the Canadian DSL (Domestic Substances List)

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest

: 12/03/2021

Revision

Other Information

: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products

Regulations (HPR) SOR/2015-17.

GHS Full Text Phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4	Acute toxicity (inhalation:dust,mist) Category 4
(Inhalation:dust,mist)	
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Carc. 1B	Carcinogenicity Category 1B
Comb. Dust	Combustible Dust
Eye Dam. 1	Serious eye damage/eye irritation Category 1

12/03/2021 EN (English US) 9/10

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Repr. 2	Reproductive toxicity Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H350	May cause cancer
H361	Suspected of damaging fertility or the unborn child
H372	Causes damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

NA GHS SDS 2015 (Can, US)

12/03/2021 EN (English US) 10/10