

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).

Date of Revision: 06/19/2019 Date of Issue: 05/29/2019 Version: 1.1

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: 333 Super Flexible Additive 1.2. Intended Use of the Product

Latex additive for thin sets.

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 day or night

Within USA and Canada: 1.800.255.3924

Mexico: 1.800.099.0731

Outside USA and Canada: 1.813.248.0585 (collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US/CA Classification

Skin Sens. 1 H317 STOT RE 2 H373

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) : Warning

Hazard Statements (GHS-US/CA) : H317 - May cause an allergic skin reaction.

H373 - May cause damage to organs (kidneys) through prolonged or repeated exposure

(oral).

Precautionary Statements (GHS-US/CA): P260 - Do not breathe mist, spray, vapors.

P272 - Contaminated work clothing should not be allowed out of the workplace.

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

P302+P352 - IF ON SKIN: Wash with plenty of water. P314 - Get medical advice/attention if you feel unwell.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse.

P501 - Dispose of contents/container in accordance with local, regional, national,

territorial, provincial, 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

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3.1. Substance

Not applicable

3.2. Mixture

Name	Product Identifier	% *	GHS Ingredient Classification
Copolymer of: vinyl acetate +	(CAS-No.) Proprietary	53.1	Not classified
ethylene (dispersion in water)			
Calcium chloride	(CAS-No.) 10043-52-4	2.5 - 2.6	Acute Tox. 4 (Oral), H302
			Skin Irrit. 2, H315
			Eye Irrit. 2A, H319
Ethylene glycol	(CAS-No.) 107-21-1	1 - 5	Acute Tox. 4 (Oral), H302
			STOT RE 2, H373
Potassium hydroxide	(CAS-No.) 1310-58-3	0.1 - 1	Met. Corr. 1, H290
			Acute Tox. 3 (Oral), H301
			Skin Corr. 1, H314
			Eye Dam. 1, H318
			STOT SE 1, H370
3(2H)-Isothiazolone, 2-methyl-	(CAS-No.) 2682-20-4	0.01	Acute Tox. 3 (Oral), H301
			Acute Tox. 3 (Dermal), H311
			Acute Tox. 2 (Inhalation:dust,mist), H330
			Skin Corr. 1B, H314
			Eye Dam. 1, H318
			Skin Sens. 1A, H317
			STOT SE 3, H335
			Aquatic Acute 1, H400
Octamethylcyclotetrasiloxane	(CAS-No.) 556-67-2	0.001	Flam. Liq. 3, H226
			Acute Tox. 4 (Oral), H302
			Repr. 2, H361
			Aquatic Chronic 4, H413

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. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation/rash develops or persists.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

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

4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: May cause damage to organs (kidneys) through prolonged or repeated exposure (oral). Skin sensitization.

Inhalation: Prolonged exposure may cause irritation.

Skin Contact: May cause an allergic skin reaction.

Eye Contact: May cause slight irritation to eyes.

Ingestion: Acute exposure of humans to ethylene glycol by ingesting large quantities causes three stages of health effects. CNS depression, including such symptoms as vomiting, drowsiness, coma, respiratory failure, convulsions, metabolic changes, and gastrointestinal upset are followed by cardiopulmonary effects and later renal damage. Ingestion may cause adverse effects.

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^{*}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%).

^{**} The actual concentration/identity of ingredient(s) is withheld as a trade secret in accordance with the Hazardous Products Regulations (HPR) SOR/2015-17 and 29 CFR 1910.1200.

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Chronic Symptoms: May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).

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: Acetic acid. Carbon oxides (CO, CO₂). Formaldehyde. Calcium oxides. Hydrogen chloride gas.

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: Avoid breathing (vapor, mist, spray). Do not get in eyes, on skin, or on clothing.

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.

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 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: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing vapors, mist, spray. Avoid contact with skin, eyes and clothing.

Handling Temperature: > 0 °C (32 °F)

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: Aldehydes. Aluminum. Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)

Latex additive for thin sets.

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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.

governments.		
Ethylene glycol (107-21-1)		
USA ACGIH	ACGIH TWA (ppm)	25 ppm (vapor fraction)
USA ACGIH	ACGIH STEL (mg/m³)	10 mg/m³ (inhalable particulate matter, aerosol only)
USA ACGIH	ACGIH STEL (ppm)	50 ppm (vapor fraction)
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
Alberta	OEL Ceiling (mg/m³)	100 mg/m³
British Columbia	OEL Ceiling (mg/m³)	100 mg/m³ (aerosol)
British Columbia	OEL Ceiling (ppm)	50 ppm (vapour)
British Columbia	OEL STEL (mg/m³)	20 mg/m³ (particulate)
British Columbia	OEL TWA (mg/m³)	10 mg/m³ (particulate)
Manitoba	OEL STEL (mg/m³)	10 mg/m³ (inhalable particulate matter, aerosol only)
Manitoba	OEL STEL (ppm)	50 ppm (vapor fraction)
Manitoba	OEL TWA (ppm)	25 ppm (vapor fraction)
New Brunswick	OEL Ceiling (mg/m³)	100 mg/m³ (aerosol)
Newfoundland & Labrador	OEL STEL (mg/m³)	10 mg/m³ (inhalable particulate matter, aerosol only)
Newfoundland & Labrador	OEL STEL (ppm)	50 ppm (vapor fraction)
Newfoundland & Labrador	OEL TWA (ppm)	25 ppm (vapor fraction)
Nova Scotia	OEL STEL (mg/m³)	10 mg/m³ (inhalable particulate matter, aerosol only)
Nova Scotia	OEL STEL (ppm)	50 ppm (vapor fraction)
Nova Scotia	OEL TWA (ppm)	25 ppm (vapor fraction)
Nunavut	OEL Ceiling (mg/m³)	100 mg/m³ (aerosol)
Northwest Territories	OEL Ceiling (mg/m³)	100 mg/m³ (aerosol)
Ontario	OEL Ceiling (mg/m³)	100 mg/m³ (aerosol only)
Prince Edward Island	OEL STEL (mg/m³)	10 mg/m³ (inhalable particulate matter, aerosol only)
Prince Edward Island	OEL STEL (ppm)	50 ppm (vapor fraction)
Prince Edward Island	OEL TWA (ppm)	25 ppm (vapor fraction)
Québec	PLAFOND (mg/m³)	127 mg/m³ (mist and vapour)
Québec	PLAFOND (ppm)	50 ppm (mist and vapour)
Saskatchewan	OEL Ceiling (mg/m³)	100 mg/m³ (aerosol)
Yukon	OEL STEL (mg/m³)	20 mg/m³ (particulate)
		325 mg/m³ (vapour)
Yukon	OEL STEL (ppm)	10 ppm (particulate)
		125 ppm (vapour)
Yukon	OEL TWA (mg/m³)	10 mg/m³ (particulate)
		250 mg/m³ (vapour)
Yukon	OEL TWA (ppm)	100 ppm (vapour)
Calcium chloride (10043-52-		
Ontario	OEL TWA (mg/m³)	5 mg/m³
Potassium hydroxide (1310-	58-3)	
USA ACGIH	ACGIH Ceiling (mg/m³)	2 mg/m³
USA NIOSH	NIOSH REL (ceiling) (mg/m³)	2 mg/m³
Alberta	OEL Ceiling (mg/m³)	2 mg/m³
British Columbia	OEL Ceiling (mg/m³)	2 mg/m³
Manitoba	OEL Ceiling (mg/m³)	2 mg/m³
New Brunswick	OEL Ceiling (mg/m³)	2 mg/m³
Newfoundland & Labrador	OEL Ceiling (mg/m³)	2 mg/m³

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Nova Scotia	OEL Ceiling (mg/m³)	2 mg/m³
Nunavut	OEL Ceiling (mg/m³)	2 mg/m ³
Northwest Territories	OEL Ceiling (mg/m³)	2 mg/m ³
Ontario	OEL Ceiling (mg/m³)	2 mg/m ³
Prince Edward Island	OEL Ceiling (mg/m³)	2 mg/m ³
Québec	PLAFOND (mg/m³)	2 mg/m³
Saskatchewan	OEL Ceiling (mg/m³)	2 mg/m³
Yukon	OEL Ceiling (mg/m³)	2 mg/m³
Octamethylcyclotetrasiloxane (556-67-2)		
USA AIHA	WEEL TWA (ppm)	10 ppm

8.2. Exposure Controls

Appropriate Engineering Controls: Suitable eye/body wash equipment should be available in the 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.



Solubility

Viscosity

Partition Coefficient: N-Octanol/Water





Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves.

Eye and Face Protection: Chemical safety goggles.

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	:	White		
Odor	:	Sweet		
Odor Threshold	:	Not available		
pH	:	6.0 - 10.0		
Evaporation Rate	:	Not available		
Melting Point	:	Not available		
Freezing Point	:	Not available		
Boiling Point	:	100 °C (212 °F)		
Flash Point	:	Not available		
Auto-ignition Temperature	:	Not available		
Decomposition Temperature	:	Not available		
Flammability (solid, gas)	:	Not applicable		
Lower Flammable Limit	:	Not available		
Upper Flammable Limit	:	Not available		
Vapor Pressure	:	Not available		
Relative Vapor Density at 20°C	:	Not available		
Relative Density	:	Not available		
Specific Gravity	:	1.04		

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Water: Soluble

Not available

Not available

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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: Aldehydes. Aluminum. Strong acids, strong bases, strong oxidizers.
- 10.6. Hazardous Decomposition Products: None known.

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: Not classified

pH: 6.0 - 10.0

Eye Damage/Irritation: Not classified

pH: 6.0 - 10.0

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

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): May cause damage to organs (kidneys) through prolonged or repeated exposure

(oral).

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. Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.

Symptoms/Injuries After Ingestion: Acute exposure of humans to ethylene glycol by ingesting large quantities causes three stages of health effects. CNS depression, including such symptoms as vomiting, drowsiness, coma, respiratory failure, convulsions, metabolic changes, and gastrointestinal upset are followed by cardiopulmonary effects and later renal damage. Ingestion may cause adverse effects.

Chronic Symptoms: May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Ethylene glycol (107-21-1)		
LD50 Dermal Rat	10600 mg/kg	
ATE US/CA (oral)	500.00 mg/kg body weight	
Calcium chloride (10043-52-4)		
LD50 Oral Rat	1000 mg/kg	
LD50 Dermal Rabbit	> 5000 mg/kg	
Potassium hydroxide (1310-58-3)		
LD50 Oral Rat	284 mg/kg	
3(2H)-Isothiazolone, 2-methyl- (2682-20-4)		
LD50 Oral Rat	120 mg/kg	
LD50 Dermal Rabbit	200 mg/kg	
LC50 Inhalation Rat	0.11 mg/l/4h	
Octamethylcyclotetrasiloxane (556-67-2)		
LD50 Oral Rat	1540 mg/kg	
LD50 Dermal Rabbit	794 μl/kg	

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LC50 Inhalation Rat 36 g/m³ (Exposure time: 4 h)

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

LC50 Fish 2

Ecology - General: Not classified.

Ethylene glycol (107-21-1)		
LC50 Fish 1	41000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)	
EC50 Daphnia 1	46300 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
LC50 Fish 2	14 - 18 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])	
NOEC Chronic Crustacea	4.2 mg/l	
Calcium chloride (10043-52-4)		
LC50 Fish 1	10650 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])	
EC50 Daphnia 1	2280000 - 3948000 μg/l (Exposure time: 48 h - Species: Daphnia magna)	
Octamethylcyclotetrasiloxane (556-67-2)		
LC50 Fish 1	> 500 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)	

12.2. Persistence and Degradability

333 Super Flexible Additive	
Persistence and Degradability	Not established.

> 1000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)

12.3. Bioaccumulative Potential

12.5. Bloaceamalative i otential		
333 Super Flexible Additive		
Bioaccumulative Potential	Not established.	
Ethylene glycol (107-21-1)		
Log Pow	-1.93	
Calcium chloride (10043-52-4)		
BCF Fish 1	(no bioaccumulation)	
Potassium hydroxide (1310-58-3)		
Log Pow	0.65	
Octamethylcyclotetrasiloxane (556-67-2)		
BCF Fish 1	12400	
Log Pow	5.1	

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, and international regulations

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

Ecology - Waste Materials: Avoid release to the environment.

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 Not regulated for transport
 14.2. In Accordance with IMDG Not regulated for transport
 14.3. In Accordance with IATA Not regulated for transport
 14.4. In Accordance with TDG Not regulated for transport

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SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

333 Super Flexible Additive		
SARA Section 311/312 Hazard Classes	Health hazard - Specific target organ toxicity (single or repeated	
	exposure)	
	Health hazard - Respiratory or skin sensitization	

Ethylene glycol (107-21-1)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Subject to reporting requirements of United States SARA Section 313		
CERCLA RQ	5000 lb	
SARA Section 313 - Emission Reporting	1 %	

Calcium chloride (10043-52-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Potassium hydroxide (1310-58-3)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
CERCLA RQ	1000 lb	
3(2H)-Isothiazolone, 2-methyl- (2682-20-4)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
EPA TSCA Regulatory Flag	PMN - PMN - indicates a commenced PMN substance.	
	SP - SP - indicates a substance that is identified in a proposed	
	Significant New Uses Rule.	
Octamethylcyclotetrasiloxane (556-67-2)		

Listed on the United States TSCA (Toxic Substances Control Act) inventory		
EPA TSCA Regulatory Flag T - T - indicates a substance that is the subject of a final TSCA		
	section 4 test rule.	
	section 4 test rule.	

15.2. US State Regulations

California Proposition 65



WARNING: This product can expose you to Ethylene glycol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Chemical Name (CAS No.)	Carcinogenicity	Developmental Toxicity	Female Reproductive Toxicity	Male Reproductive Toxicity
Ethylene glycol (107-21-1)		Х		

Ethylene glycol (107-21-1)

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

Potassium hydroxide (1310-58-3)

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

15.3. Canadian Regulations

Ethylene glycol (107-21-1)		
Listed on the Canadian DSL (Domestic Substances List)		
Calcium chloride (10043-52-4)		
Listed on the Canadian DSL (Domestic Substances List)		

Potassium hydroxide (1310-58-3)

Listed on the Canadian DSL (Domestic Substances List)

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3(2H)-Isothiazolone, 2-methyl- (2682-20-4)

Listed on the Canadian DSL (Domestic Substances List)

Octamethylcyclotetrasiloxane (556-67-2)

Listed on the Canadian DSL (Domestic Substances List)

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

Date of Preparation or Latest

: 06/19/2019

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. 2	Acute toxicity (inhalation:dust,mist) Category 2	
(Inhalation:dust,mist)		
Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3	
Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3	
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4	
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1	
Aquatic Chronic 4	Hazardous to the aquatic environment - Chronic Hazard Category 4	
Eye Dam. 1	Serious eye damage/eye irritation Category 1	
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A	
Flam. Liq. 3	Flammable liquids Category 3	
Met. Corr. 1	Corrosive to metals Category 1	
Repr. 2	Reproductive toxicity Category 2	
Skin Corr. 1	Skin corrosion/irritation Category 1	
Skin Corr. 1B	Skin corrosion/irritation Category 1B	
Skin Irrit. 2	Skin corrosion/irritation Category 2	
Skin Sens. 1	Skin sensitization, Category 1	
Skin Sens. 1A	Skin sensitization, category 1A	
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2	
STOT SE 1	Specific target organ toxicity (single exposure) Category 1	
STOT SE 3	Specific target organ toxicity (single exposure) Category 3	
H226	Flammable liquid and vapor	
H290	May be corrosive to metals	
H301	Toxic if swallowed	
H302	Harmful if swallowed	
H311	Toxic in contact with skin	
H314	Causes severe skin burns and eye damage	
H315	Causes skin irritation	
H317	May cause an allergic skin reaction	
H318	Causes serious eye damage	
H319	Causes serious eye irritation	
H330	Fatal if inhaled	
H335	May cause respiratory irritation	
H361	Suspected of damaging fertility or the unborn child	
H370	Causes damage to organs	
H373	May cause damage to organs through prolonged or repeated exposure	
H400	Very toxic to aquatic life	
H413	May cause long lasting harmful effects to aquatic life	

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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)

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