

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: Storm Breaker™ Two Component Urethane Mastic Part A

Product Code: F0251-23052-A

Intended Use of the Product

Urethane roof coating. For professional use only.

Name, Address, and Telephone of the Responsible Party

Manufacturer

BITEC, Inc.

#2 Industrial Park Drive

Morrilton, AR 72110

T-800-535-8597

F-501-354-3019

www.bitec.com

Emergency Telephone Number

Emergency Number: 1-800-535-8597

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

Flam. Liq. 3	H226
Acute Tox. 3 (Inhalation:dust,mist) H331	Skin Irrit. 2 H315
Eye Irrit. 2A	H319
Resp. Sens. 1	H334
Skin Sens. 1	H317
Muta. 1B	H340
Carc. 1A	H350
Repr. 1B	H360
Asp. Tox. 1	H304
Aquatic Acute 3	H402
Aquatic Chronic 3	H412

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)

: Danger

Hazard Statements (GHS-US)

: H226 - Flammable liquid and vapor
H304 - May be fatal if swallowed and enters airways H315 - Causes skin irritation
H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation
H331 - Toxic if inhaled
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled H340 -
May cause genetic defects
H350 - May cause cancer

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Precautionary Statements (GHS-US) :

- H360 - May damage fertility or the unborn child
- H402 - Harmful to aquatic life
- H412 - Harmful to aquatic life with long lasting effects
- 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, open flames, sparks. - No smoking
- P233 - Keep container tightly closed
- P240 - Ground/bond container and receiving equipment
- P241 - Use explosion-proof electrical, lighting, ventilating equipment
- P242 - Use only non-sparking tools
- P243 - Take precautionary measures against static discharge
- P260 - Do not breathe mist, spray, vapors
- P264 - Wash hands, forearms, and exposed areas thoroughly after handling
- 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 eye protection, face protection, protective clothing, protective gloves
- P284 - Wear respiratory protection
- P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
- P302+P352 - IF ON SKIN: Wash with plenty of soap and water
- P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
- P304+P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing
- 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
- P310 - Immediately call a POISON CENTER or doctor/physician
- P320 - Specific treatment is urgent (see Section 4)
- P331 - If swallowed, 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
- P362 - Take off contaminated clothing and wash before reuse
- P362+P364 - Take off contaminated clothing and wash it before reuse
- P370+P378 - In case of fire: Use appropriate media for extinction
- P403+P233 - Store in a well-ventilated place. Keep container tightly closed
- P235 - Keep cool
- P405 - Store locked up
- P501 - Dispose of contents/container according to local, regional, national, and international regulations

Other Hazards

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

Unknown Acute Toxicity (GHS-US) Not available

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	Product identifier	% (w/w)	Classification (GHS-US)
Naphtha, petroleum, hydrotreated heavy	(CAS No) 64742-48-9	7 - 13	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Muta. 1B, H340 Carc. 1B, H350
			Repr. 2, H361 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Talc	(CAS No) 14807-96-6	5 - 10	Comb. Dust
Titanium dioxide	(CAS No) 13463-67-7	5 - 10	Skin Irrit. 2, H315
Toluene-2,4-diisocyanate	(CAS No) 584-84-9	3 - 7	Acute Tox. 1 (Inhalation:dust,mist), H330 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Resp. Sens. 1A, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 Aquatic Chronic 3, H412
Silicic acid, aluminum sodium salt	(CAS No) 1344-00-9	3 - 7	Aquatic Acute 3, H402
Propane, oxybis(methoxy-	(CAS No) 111109-77-4	1 - 5	Eye Irrit. 2A, H319
Isophorone diisocyanate	(CAS No) 4098-71-9	1 - 3	Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Inhalation:dust,mist), H330
Magnesium carbonate	(CAS No) 546-93-0	1 - 3	Comb. Dust
Toluene 2,6-diisocyanate	(CAS No) 91-08-7	1 - 2	Acute Tox. 2 (Inhalation), H330 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335
Bis(2-ethylhexyl) adipate	(CAS No) 103-23-1	1 - 2	Aquatic Acute 1, H400
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	(CAS No) 41556-26-7	0.1 - 1	Flam. Liq. 4, H227 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2,6-Di-tert-butyl-p-cresol	(CAS No) 128-37-0	0.1 - 1	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]-	(CAS No) 104810-47-1	0.1 - 1	Skin Sens. 1, H317 Aquatic Chronic 2, H411
Quartz	(CAS No) 14808-60-7	0.1 - 1	Carc. 1A, H350 STOT SE 3, H335 STOT RE 1, H372

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Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-hydroxy-	(CAS No) 104810-48-2	0.1 - 1	Skin Sens. 1, H317 Aquatic Chronic 2, H411
Dibutyltin dilaurate	(CAS No) 77-58-7	0.1 - 1	Acute Tox. 3 (Dermal), H311 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Muta. 2, H341 Repr. 1B, H360 STOT SE 1, H370 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
1,4-Diazabicyclo[2.2.2]octane	(CAS No) 280-57-9	0.099	Acute Tox. 4 (Oral), H302
Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester	(CAS No) 82919-37-7	0.06	Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].

A range of concentration as prescribed by the Controlled Products Regulations has been used where necessary, due to varying composition.

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

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 if possible).

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

Skin Contact: Rinse immediately with plenty of water. Obtain medical attention if irritation develops or persists. Wash contaminated clothing before reuse.

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: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

Most Important Symptoms and Effects Both Acute and Delayed

General: May damage fertility or the unborn child. May cause genetic defects. Eye irritation. Toxic if inhaled. Causes skin irritation. May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause cancer. May be fatal if swallowed and enters airways.

Inhalation: May cause allergy or asthma symptoms or breathing difficulties if inhaled. Toxic if inhaled.

Skin Contact: Causes skin irritation. May cause an allergic skin reaction.

Eye Contact: Causes serious eye irritation.

Ingestion: May be fatal if swallowed and enters airways.

Chronic Symptoms: None expected under normal conditions of use.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

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

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Special Hazards Arising From the Substance or Mixture

Fire Hazard: Flammable liquid and vapor.

Explosion Hazard: May form flammable/explosive vapor-air mixture.

Reactivity: Hazardous reactions will not occur under normal conditions.

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: Not available

Other information: Refer to Section 9 for flammability properties.

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray). Use special care to avoid static electric charges. Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

For Non-Emergency Personnel

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

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

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

Emergency Procedures: Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and Material 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: Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

Reference to Other Sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: Handle empty containers with care because residual vapors are flammable.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations. Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment.

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

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

Storage Area: Store locked up. Store in a well-ventilated place. Keep cool.

Special Rules on Packaging: Keep only in original container.

Specific End Use(s)

Urethane roof coating. For professional use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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Control Parameters

Quartz (14808-60-7)		
Mexico	OEL TWA (mg/m ³)	0.1 mg/m ³
USA ACGIH	ACGIH TWA (mg/m ³)	0.025 mg/m ³
USA OSHA	OSHA PEL (STEL) (mg/m ³)	250 mppcf/%SiO ₂ +5, 10mg/m ³ /%SiO ₂ + ₂
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	0.05 mg/m ³
USA IDLH	US IDLH (mg/m ³)	50 mg/m ³
Alberta	OEL TWA (mg/m ³)	0.025 mg/m ³
British Columbia	OEL TWA (mg/m ³)	0.025 mg/m ³
Manitoba	OEL TWA (mg/m ³)	0.025 mg/m ³
New Brunswick	OEL TWA (mg/m ³)	0.1 mg/m ³
Newfoundland & Labrador	OEL TWA (mg/m ³)	0.025 mg/m ³
Nova Scotia	OEL TWA (mg/m ³)	0.025 mg/m ³
Nunavut	OEL TWA (mg/m ³)	0.3 mg/m ³ (total mass)
Northwest Territories	OEL TWA (mg/m ³)	0.3 mg/m ³ (total mass)
Ontario	OEL TWA (mg/m ³)	0.10 mg/m ³ (designated substances regulation)
Prince Edward Island	OEL TWA (mg/m ³)	0.025 mg/m ³
Québec	VEMP (mg/m ³)	0.1 mg/m ³
Saskatchewan	OEL TWA (mg/m ³)	0.05 mg/m ³
Yukon	OEL TWA (mg/m ³)	300 particle/mL

2,6-Di-tert-butyl-p-cresol(128-37-0)		
Mexico	OEL TWA (mg/m ³)	10 mg/m ³
Mexico	OEL STEL (mg/m ³)	20 mg/m ³
USA ACGIH	ACGIH TWA (mg/m ³)	2 mg/m ³
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	10 mg/m ³
Alberta	OEL TWA (mg/m ³)	10 mg/m ³
British Columbia	OEL TWA (mg/m ³)	2 mg/m ³
Manitoba	OEL TWA (mg/m ³)	2 mg/m ³
New Brunswick	OEL TWA (mg/m ³)	10 mg/m ³
Newfoundland & Labrador	OEL TWA (mg/m ³)	2 mg/m ³
Nova Scotia	OEL TWA (mg/m ³)	2 mg/m ³
Nunavut	OEL STEL (mg/m ³)	20 mg/m ³
Nunavut	OEL TWA (mg/m ³)	10 mg/m ³
Northwest Territories	OEL STEL (mg/m ³)	20 mg/m ³
Northwest Territories	OEL TWA (mg/m ³)	10 mg/m ³
Ontario	OEL TWA (mg/m ³)	2 mg/m ³
Prince Edward Island	OEL TWA (mg/m ³)	2 mg/m ³
Québec	VECD (mg/m ³)	10 mg/m ³
Saskatchewan	OEL STEL (mg/m ³)	4 mg/m ³
Saskatchewan	OEL TWA (mg/m ³)	2 mg/m ³
Yukon	OEL STEL (mg/m ³)	20 mg/m ³
Yukon	OEL TWA (mg/m ³)	10 mg/m ³

Aluminum oxide (1344-28-1)		
Mexico	OEL TWA (mg/m ³)	10 mg/m ³
USA OSHA	OSHA PEL (TWA) (mg/m ³)	5 mg/m ³
Alberta	OEL TWA (mg/m ³)	10 mg/m ³
New Brunswick	OEL TWA (mg/m ³)	10 mg/m ³
Nunavut	OEL STEL (mg/m ³)	20 mg/m ³
Nunavut	OEL TWA (mg/m ³)	10 mg/m ³ (total mass)

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Northwest Territories	OEL STEL (mg/m ³)	20 mg/m ³
Northwest Territories	OEL TWA (mg/m ³)	10 mg/m ³ (total mass)
Québec	VEMP (mg/m ³)	10 mg/m ³ (containing no Asbestos and <1% Crystalline silica)
Saskatchewan	OEL STEL (mg/m ³)	20 mg/m ³
Saskatchewan	OEL TWA (mg/m ³)	10 mg/m ³
Yukon	OEL STEL (mg/m ³)	20 mg/m ³ (Al ₂ O ₃)
Yukon	OEL TWA (mg/m ³)	10 mg/m ³ (Al ₂ O ₃)
Limestone (1317-65-3)		
Mexico	OEL TWA (mg/m ³)	10 mg/m ³
Mexico	OEL STEL (mg/m ³)	20 mg/m ³
USA OSHA	OSHA PEL (TWA) (mg/m ³)	5 mg/m ³
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	5 mg/m ³
Alberta	OEL TWA (mg/m ³)	10 mg/m ³
British Columbia	OEL STEL (mg/m ³)	20 mg/m ³
British Columbia	OEL TWA (mg/m ³)	3 mg/m ³
New Brunswick	OEL TWA (mg/m ³)	10 mg/m ³
Nunavut	OEL TWA (mg/m ³)	10 mg/m ³ (total mass)
Northwest Territories	OEL TWA (mg/m ³)	10 mg/m ³ (total mass)
Québec	VEMP (mg/m ³)	10 mg/m ³ (Limestone, containing no Asbestos and <1% Crystalline silica)
Saskatchewan	OEL STEL (mg/m ³)	20 mg/m ³
Saskatchewan	OEL TWA (mg/m ³)	10 mg/m ³
Yukon	OEL STEL (mg/m ³)	20 mg/m ³
Yukon	OEL TWA (mg/m ³)	10 mg/m ³
Silica gel, precipitated, crystalline free (112926-00-8)		
Mexico	OEL TWA (mg/m ³)	10 mg/m ³
British Columbia	OEL TWA (mg/m ³)	1.5 mg/m ³
New Brunswick	OEL TWA (mg/m ³)	10 mg/m ³
Ontario	OEL TWA (mg/m ³)	10 mg/m ³
Québec	VEMP (mg/m ³)	6 mg/m ³ (containing no Asbestos and <1% Crystalline silica)
Saskatchewan	OEL STEL (mg/m ³)	20 mg/m ³
Saskatchewan	OEL TWA (mg/m ³)	10 mg/m ³
Toluene-2,4-diisocyanate (584-84-9)		
Mexico	OEL TWA (mg/m ³)	0.14 mg/m ³
Mexico	OEL TWA (ppm)	0.02 ppm
USA ACGIH	ACGIH TWA (ppm)	0.005 ppm
USA ACGIH	ACGIH STEL (ppm)	0.02 ppm
USA OSHA	OSHA PEL (Ceiling) (mg/m ³)	0.14 mg/m ³
USA OSHA	OSHA PEL (Ceiling) (ppm)	0.02 ppm
USA IDLH	US IDLH (ppm)	2.5 ppm
Alberta	OEL Ceiling (mg/m ³)	0.1 mg/m ³
Alberta	OEL Ceiling (ppm)	0.02 ppm
Alberta	OEL TWA (mg/m ³)	0.04 mg/m ³
Alberta	OEL TWA (ppm)	0.005 ppm
British Columbia	OEL Ceiling (ppm)	0.01 ppm
British Columbia	OEL TWA (ppm)	0.005 ppm
Manitoba	OEL STEL (ppm)	0.02 ppm

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Manitoba	OEL TWA (ppm)	0.005 ppm
New Brunswick	OEL STEL (mg/m ³)	0.14 mg/m ³
New Brunswick	OEL STEL (ppm)	0.02 ppm
New Brunswick	OEL TWA (mg/m ³)	0.036 mg/m ³
New Brunswick	OEL TWA (ppm)	0.005 ppm
Newfoundland & Labrador	OEL STEL (ppm)	0.02 ppm
Newfoundland & Labrador	OEL TWA (ppm)	0.005 ppm
Nova Scotia	OEL STEL (ppm)	0.02 ppm
Nova Scotia	OEL TWA (ppm)	0.005 ppm
Nunavut	OEL Ceiling (mg/m ³)	0.14 mg/m ³
Nunavut	OEL Ceiling (ppm)	0.02 ppm
Northwest Territories	OEL Ceiling (mg/m ³)	0.14 mg/m ³
Northwest Territories	OEL Ceiling (ppm)	0.02 ppm
Ontario	OEL Ceiling (ppm)	0.02 ppm (designated substances regulation)
Ontario	OEL STEL (ppm)	0.02 ppm
Ontario	OEL TWA (ppm)	0.005 ppm (applies to workplaces to which the designated substances regulation does not apply)
Prince Edward Island	OEL STEL (ppm)	0.02 ppm
Prince Edward Island	OEL TWA (ppm)	0.005 ppm
Saskatchewan	OEL STEL (ppm)	0.02 ppm
Saskatchewan	OEL TWA (ppm)	0.005 ppm
Yukon	OEL Ceiling (mg/m ³)	0.14 mg/m ³
Yukon	OEL Ceiling (ppm)	0.02 ppm

Toluene 2,6-diisocyanate (91-08-7)

USA ACGIH	ACGIH TWA (ppm)	0.005 ppm
USA ACGIH	ACGIH STEL (ppm)	0.02 ppm
Alberta	OEL Ceiling (mg/m ³)	0.1 mg/m ³
Alberta	OEL Ceiling (ppm)	0.02 ppm
Alberta	OEL TWA (mg/m ³)	0.04 mg/m ³
Alberta	OEL TWA (ppm)	0.005 ppm
British Columbia	OEL Ceiling (ppm)	0.01 ppm
British Columbia	OEL TWA (ppm)	0.005 ppm
Manitoba	OEL STEL (ppm)	0.02 ppm
Manitoba	OEL TWA (ppm)	0.005 ppm
Newfoundland & Labrador	OEL STEL (ppm)	0.02 ppm
Newfoundland & Labrador	OEL TWA (ppm)	0.005 ppm
Nova Scotia	OEL STEL (ppm)	0.02 ppm
Nova Scotia	OEL TWA (ppm)	0.005 ppm
Ontario	OEL Ceiling (ppm)	0.02 ppm (designated substances regulation)
Ontario	OEL STEL (ppm)	0.02 ppm
Ontario	OEL TWA (ppm)	0.005 ppm (applies to workplaces to which the designated substances regulation does not apply)
Prince Edward Island	OEL STEL (ppm)	0.02 ppm
Prince Edward Island	OEL TWA (ppm)	0.005 ppm
Saskatchewan	OEL STEL (ppm)	0.02 ppm
Saskatchewan	OEL TWA (ppm)	0.005 ppm

Talc (14807-96-6)

Mexico	OEL TWA (mg/m ³)	2 mg/m ³
USA ACGIH	ACGIH TWA (mg/m ³)	2 mg/m ³

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USA NIOSH	NIOSH REL (TWA) (mg/m ³)	2 mg/m ³ (containing no Asbestos and <1% Quartz)
USA IDLH	US IDLH (mg/m ³)	1000 mg/m ³ (containing no asbestos and <1% quartz)
Alberta	OEL TWA (mg/m ³)	2 mg/m ³
British Columbia	OEL TWA (mg/m ³)	2 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica)
Manitoba	OEL TWA (mg/m ³)	2 mg/m ³
New Brunswick	OEL TWA (mg/m ³)	2 mg/m ³
Newfoundland & Labrador	OEL TWA (mg/m ³)	2 mg/m ³
Nova Scotia	OEL TWA (mg/m ³)	2 mg/m ³
Nunavut	OEL TWA (mg/m ³)	6 mg/m ³ (total mass)
Northwest Territories	OEL TWA (mg/m ³)	6 mg/m ³ (total mass)
Ontario	OEL TWA (mg/m ³)	2 mg/m ³ (containing no Asbestos and <1% Crystalline silica)
Prince Edward Island	OEL TWA (mg/m ³)	2 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica)
Québec	VEMP (mg/m ³)	3 mg/m ³
Saskatchewan	OEL TWA (mg/m ³)	2 mg/m ³
Yukon	OEL TWA (mg/m ³)	20 mppcf

Magnesium carbonate (546-93-0)

Mexico	OEL TWA (mg/m ³)	10 mg/m ³
Mexico	OEL STEL (mg/m ³)	20 mg/m ³
USA OSHA	OSHA PEL (TWA) (mg/m ³)	5 mg/m ³
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	5 mg/m ³
British Columbia	OEL TWA (mg/m ³)	3 mg/m ³
New Brunswick	OEL TWA (mg/m ³)	10 mg/m ³

Ontario	OEL TWA (mg/m ³)	10 mg/m ³ (containing no Asbestos and <1% Crystalline silica)
Québec	VEMP (mg/m ³)	10 mg/m ³ (containing no Asbestos and <1% Crystalline silica)
Saskatchewan	OEL STEL (mg/m ³)	20 mg/m ³
Saskatchewan	OEL TWA (mg/m ³)	10 mg/m ³

Titanium dioxide (13463-67-7)

Mexico	OEL TWA (mg/m ³)	10 mg/m ³
Mexico	OEL STEL (mg/m ³)	20 mg/m ³
USA ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³
USA OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³
USA IDLH	US IDLH (mg/m ³)	5000 mg/m ³
Alberta	OEL TWA (mg/m ³)	10 mg/m ³
British Columbia	OEL TWA (mg/m ³)	3 mg/m ³
Manitoba	OEL TWA (mg/m ³)	10 mg/m ³
New Brunswick	OEL TWA (mg/m ³)	10 mg/m ³
Newfoundland & Labrador	OEL TWA (mg/m ³)	10 mg/m ³
Nova Scotia	OEL TWA (mg/m ³)	10 mg/m ³
Nunavut	OEL TWA (mg/m ³)	10 mg/m ³ (total mass)
Northwest Territories	OEL TWA (mg/m ³)	10 mg/m ³ (total mass)
Ontario	OEL TWA (mg/m ³)	10 mg/m ³
Prince Edward Island	OEL TWA (mg/m ³)	10 mg/m ³
Québec	VEMP (mg/m ³)	10 mg/m ³ (containing no Asbestos and <1% Crystalline silica)

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Saskatchewan	OEL STEL (mg/m ³)	20 mg/m ³
Saskatchewan	OEL TWA (mg/m ³)	10 mg/m ³
Yukon	OEL STEL (mg/m ³)	20 mg/m ³
Yukon	OEL TWA (mg/m ³)	10 mg/m ³
Isophorone diisocyanate (4098-71-9)		
Mexico	OEL TWA (mg/m ³)	0.09 mg/m ³
Mexico	OEL TWA (ppm)	0.01 ppm
USA ACGIH	ACGIH TWA (ppm)	0.005 ppm
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	0.045 mg/m ³
USA NIOSH	NIOSH REL (TWA) (ppm)	0.005 ppm
USA NIOSH	NIOSH REL (STEL) (mg/m ³)	0.180 mg/m ³
USA NIOSH	NIOSH REL (STEL) (ppm)	0.02 ppm
Alberta	OEL TWA (mg/m ³)	0.05 mg/m ³
Alberta	OEL TWA (ppm)	0.005 ppm
British Columbia	OEL Ceiling (ppm)	0.01 ppm
British Columbia	OEL TWA (ppm)	0.005 ppm
Manitoba	OEL TWA (ppm)	0.005 ppm
New Brunswick	OEL TWA (mg/m ³)	0.045 mg/m ³
New Brunswick	OEL TWA (ppm)	0.005 ppm
Newfoundland & Labrador	OEL TWA (ppm)	0.005 ppm
Nova Scotia	OEL TWA (ppm)	0.005 ppm
Nunavut	OEL STEL (mg/m ³)	0.27 mg/m ³
Nunavut	OEL STEL (ppm)	0.03 ppm
Nunavut	OEL TWA (mg/m ³)	0.09 mg/m ³
Nunavut	OEL TWA (ppm)	0.01 ppm
Northwest Territories	OEL STEL (mg/m ³)	0.27 mg/m ³
Northwest Territories	OEL STEL (ppm)	0.03 ppm

Northwest Territories	OEL TWA (mg/m ³)	0.09 mg/m ³
Northwest Territories	OEL TWA (ppm)	0.01 ppm
Ontario	OEL Ceiling (ppm)	0.02 ppm (designated substances regulation)
Ontario	OEL TWA (ppm)	0.005 ppm (applies to workplaces to which the designated substances regulation does not apply)
Prince Edward Island	OEL TWA (ppm)	0.005 ppm
Québec	VEMP (mg/m ³)	0.045 mg/m ³
Québec	VEMP (ppm)	0.005 ppm
Saskatchewan	OEL STEL (ppm)	0.015 ppm
Saskatchewan	OEL TWA (ppm)	0.005 ppm
1,4-Diazabicyclo[2.2.2]octane (280-57-9)		
Ontario	OEL TWA (mg/m ³)	4.6 mg/m ³
Ontario	OEL TWA (ppm)	1 ppm

Exposure Controls

Appropriate Engineering Controls: Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Gas detectors should be used when flammable gases/vapours may be released.

Personal Protective Equipment: Protective goggles. Gloves. Protective clothing. Full protective flameproof clothing. Face shield. Insufficient ventilation: wear respiratory protection.

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Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves. **Eye**

Protection: Chemical goggles or safety glasses. Face shield. **Skin**

and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Thermal Hazard Protection: Wear suitable protective clothing.

Environmental Exposure Controls: Do not allow the product to be released into the environment.

Consumer Exposure Controls: Do not eat, drink or smoke during use

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Viscous white
Odor	: Petroleum distillates
Odor Threshold	: Not available
pH	: Not available
Relative Evaporation Rate (butylacetate=1)	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: Not available
Flash Point	: 41 °C (105.8 °F)
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
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	: 1.25
Solubility	: Not available
Partition coefficient: n-octanol/water	: Not available
Viscosity	: Not available

Explosion Data – Sensitivity to Mechanical Impact : Not expected to present an explosion hazard due to mechanical impact.

Explosion Data – Sensitivity to Static Discharge : Not expected to present an explosion hazard due to static discharge.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Hazardous reactions will not occur under normal conditions.

Chemical Stability: Flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

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Conditions to Avoid: Direct sunlight. Extremely high or low temperatures. Ignition sources. Incompatible materials. Open flame. Overheating. Heat. Sparks.

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

Hazardous Decomposition Products: Carbon oxides (CO, CO₂). May release flammable gases. Oxides of tin. Hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity: Toxic if inhaled.

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitization: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Germ Cell Mutagenicity: May cause genetic defects.

Teratogenicity: Not available

Carcinogenicity: May cause cancer.

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: May damage fertility or the unborn child.

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: May be fatal if swallowed and enters airways.

Symptoms/Injuries After Inhalation: May cause cancer by inhalation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Toxic if inhaled.

Symptoms/Injuries After Skin Contact: Causes skin irritation. May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: Causes serious eye irritation.

Symptoms/Injuries After Ingestion: May be fatal if swallowed and enters airways.

Chronic Symptoms: None expected under normal conditions of use.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Quartz (14808-60-7)	
LD50 Oral Rat	> 5000 mg/kg
2,6-Di-tert-butyl-p-cresol(128-37-0)	
LD50 Oral Rat	890 mg/kg
Aluminum oxide (1344-28-1)	
LD50 Oral Rat	> 15900 mg/kg
LC50 Inhalation Rat (mg/l)	> 2.3 mg/l/4h
Aluminum hydroxide (Al(OH)₃) (21645-51-2)	
LD50 Oral Rat	> 5000 mg/kg
Dibutyltin dilaurate (77-58-7)	
LD50 Oral Rat	2071 mg/kg
LD50 Dermal Rat	> 2000 mg/kg
LD50 Dermal Rabbit	630 mg/kg
Toluene-2,4-diisocyanate (584-84-9)	
LD50 Oral Rat	3060 - 4130 mg/kg
LC50 Inhalation Rat (ppm)	14 ppm/4h
Bis(2-ethylhexyl) adipate (103-23-1)	

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LD50 Oral Rat	5600 mg/kg
LD50 Dermal Rabbit	8410 mg/kg
Dipropylene glycol (25265-71-8)	
LD50 Oral Rat	13300 mg/kg
LD50 Dermal Rabbit	> 20 ml/kg
Titanium dioxide (13463-67-7)	
LD50 Oral Rat	> 10000 mg/kg
Naphtha, petroleum, hydrotreated heavy (64742-48-9)	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 3160 mg/kg
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)	
LD50 Oral Rat	2615 mg/kg
Isophorone diisocyanate (4098-71-9)	
LD50 Oral Rat	1270 mg/kg
LD50 Dermal Rabbit	4780 mg/kg
LC50 Inhalation Rat (mg/l)	0.135 mg/l/4h
Silicic acid, aluminum sodium salt (1344-00-9)	
LD50 Oral Rat	5000 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat (mg/l)	> 18.3 mg/l (Exposure time: 1 h)
ATE (oral)	5000.000 mg/kg body weight
1,4-Diazabicyclo[2.2.2]octane (280-57-9)	
LD50 Oral Rat	1700 mg/kg
LD50 Dermal Rabbit	3200 mg/kg
Quartz (14808-60-7)	
IARC Group	1
National Toxicity Program (NTP) Status	Known Human Carcinogens.
2,6-Di-tert-butyl-p-cresol(128-37-0)	
IARC Group	3
Silica gel, precipitated, crystalline free (112926-00-8)	
IARC Group	3
Toluene-2,4-diisocyanate (584-84-9)	
IARC Group	2B
Toluene 2,6-diisocyanate (91-08-7)	
IARC Group	2B
Bis(2-ethylhexyl) adipate (103-23-1)	
IARC Group	3
National Toxicity Program (NTP) Status	Evidence of Carcinogenicity.
Talc (14807-96-6)	
IARC Group	3
National Toxicity Program (NTP) Status	Evidence of Carcinogenicity, Twelfth Report - Items under consideration.
Titanium dioxide (13463-67-7)	
IARC Group	2B

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SECTION 12: ECOLOGICAL INFORMATION

Toxicity

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

2,6-Di-tert-butyl-p-cresol(128-37-0)	
EC50 Other Aquatic Organisms 1	6 mg/l (Exposure time: 72 h - Species: Pseudokirchneriella subcapitata)
EC50 Other Aquatic Organisms 2	0.43 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)
Aluminum oxide (1344-28-1)	
LC50 Fish 1	14.6 mg/l
EC50 Daphnia 1	38.2 mg/l
NOEC (acute)	> 50 mg/l
Bis(2-ethylhexyl) adipate (103-23-1)	
LC50 Fish 1	0.48 - 0.85 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 1	> 1.6 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 Other Aquatic Organisms 1	> 500 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)
LC 50 Fish 2	0.48 - 0.85 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
Talc (14807-96-6)	
LC50 Fish 1	> 100 g/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])
Naphtha, petroleum, hydrotreated heavy (64742-48-9)	
LC50 Fish 1	2200 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)	
LC50 Fish 1	0.97 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
Isophorone diisocyanate (4098-71-9)	
EC50 Other Aquatic Organisms 1	118.7 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)
Silicic acid, aluminum sodium salt (1344-00-9)	
LC50 Fish 1	1800 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])
EC50 Daphnia 1	1000 - 1800 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 Other Aquatic Organisms 1	18 mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus)
LC 50 Fish 2	3200 - 5600 mg/l (Exposure time: 96 h - Species: Oryzias latipes [semi-static])
1,4-Diazabicyclo[2.2.2]octane (280-57-9)	
LC50 Fish 1	1510 - 1980 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])

Persistence and Degradability Not available

Bioaccumulative Potential

2,6-Di-tert-butyl-p-cresol(128-37-0)	
BCF fish 1	230 - 2500
Log Pow	4.17
Bis(2-ethylhexyl) adipate (103-23-1)	
BCF fish 1	27
Log Pow	8.114
Talc (14807-96-6)	
BCF fish 1	(no known bioaccumulation)

Dipropylene glycol (25265-71-8)	
BCF fish 1	0.3 (0.3 - 1.4)
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)	
Log Pow	0.37 (at 25 °C)

Mobility in Soil Not available

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Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose in a safe manner in accordance with local/national regulations. This product, as supplied, is regulated as a hazardous waste by the U.S. Environmental Protection Agency(EPA) under Resource Conservation and Recovery Act(RCRA) regulations. If discarded in its purchased form, the product is a RCRA hazardous waste. It is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or residue of the product remains classified as a hazardous waste as per 40 CFR 261, Subpart C. State or local regulations may also apply if they are differing from federal regulation. RCRA Hazard Class: D001, Ignitable Hazardous Waste.

Ecology – Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT

Proper Shipping Name : FLAMMABLE LIQUIDS, N.O.S.
Hazard Class : 3
Identification Number : UN1993
Label Codes : 3
Packing Group : III
ERG Number : 128



14.2 In Accordance with IMDG

Proper Shipping Name : FLAMMABLE LIQUID, N.O.S.
Hazard Class : 3
Identification Number : UN1993
Packing Group : III
Label Codes : 3
EmS-No. (Fire) : F-E
EmS-No. (Spillage) : S-E
MFAG Number : 127;128



14.3 In Accordance with IATA

Proper Shipping Name : FLAMMABLE LIQUID, N.O.S.
Packing Group : III
Identification Number : UN1993
Hazard Class : 3
Label Codes : 3
ERG Code (IATA) : 3L



14.4 In Accordance with TDG

Proper Shipping Name : FLAMMABLE LIQUID, N.O.S.
Packing Group : III
Hazard Class : 3
Identification Number : UN1993
Label Codes : 3



SECTION 15: REGULATORY INFORMATION

US Federal Regulations

Product	
SARA Section 311/312 Hazard Classes	Fire hazard Delayed (chronic) health hazard Immediate (acute) health hazard

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Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester (82919-37-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Quartz (14808-60-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
2,6-Di-tert-butyl-p-cresol(128-37-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Aluminum oxide (1344-28-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on SARA Section 313 (Specific toxic chemical listings)	
SARA Section 313 - Emission Reporting	1.0 % (fibrous forms)
Aluminum hydroxide (Al(OH)3) (21645-51-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Limestone (1317-65-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Soybean lecithin (8002-43-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Dibutyltin dilaurate (77-58-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Toluene-2,4-diisocyanate (584-84-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on SARA Section 302 (Specific toxic chemical listings)	
Listed on SARA Section 313 (Specific toxic chemical listings)	
SARA Section 302 Threshold Planning Quantity (TPQ)	500
SARA Section 313 - Emission Reporting	0.1 %
Toluene 2,6-diisocyanate (91-08-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on SARA Section 302 (Specific toxic chemical listings)	
Listed on SARA Section 313 (Specific toxic chemical listings)	
SARA Section 302 Threshold Planning Quantity (TPQ)	100
SARA Section 313 - Emission Reporting	0.1 %
Bis(2-ethylhexyl) adipate (103-23-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Talc (14807-96-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Dipropylene glycol (25265-71-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Magnesium carbonate (546-93-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Titanium dioxide (13463-67-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Naphtha, petroleum, hydrotreated heavy (64742-48-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Polypropylene glycol (25322-69-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

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Isophorone diisocyanate (4098-71-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on SARA Section 302 (Specific toxic chemical listings)	
Listed on SARA Section 313 (Specific toxic chemical listings)	
SARA Section 302 Threshold Planning Quantity (TPQ)	500
SARA Section 313 - Emission Reporting	1.0 %
Propane, oxybis(methoxy- (111109-77-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	S - S - indicates a substance that is identified in a proposed or final Significant New Uses Rule.
Silicic acid, aluminum sodium salt (1344-00-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
1,4-Diazabicyclo[2.2.2]octane (280-57-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]- (104810-47-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-hydroxy-(104810-48-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

US State Regulations

Quartz (14808-60-7)	
U.S. - California - Proposition 65 - Carcinogens List	WARNING: This product contains chemicals known to the State of California to cause cancer.
Titanium dioxide (13463-67-7)	
U.S. - California - Proposition 65 - Carcinogens List	WARNING: This product contains chemicals known to the State of California to cause cancer.
Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester (82919-37-7)	
U.S. - Texas - Effects Screening Levels - Long Term	
U.S. - Texas - Effects Screening Levels - Short Term	
Quartz (14808-60-7)	
RTK - U.S. - Massachusetts - Right To Know List	
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List RTK	
- U.S. - Pennsylvania - RTK (Right to Know) List	
2,6-Di-tert-butyl-p-cresol(128-37-0)	
RTK - U.S. - Massachusetts - Right To Know List	
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List RTK	
- U.S. - Pennsylvania - RTK (Right to Know) List	
Aluminum oxide (1344-28-1)	
RTK - U.S. - Massachusetts - Right To Know List	
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List	
RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List	
RTK - U.S. - Pennsylvania - RTK (Right to Know) List	
Limestone (1317-65-3)	
RTK - U.S. - Massachusetts - Right To Know List	
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List RTK	
- U.S. - Pennsylvania - RTK (Right to Know) List	

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Silica gel, precipitated, crystalline free (112926-00-8)

RTK - U.S. - Massachusetts - Right To Know List

RTK - U.S. - New Jersey - Right to Know Hazardous Substance List RTK

- U.S. - Pennsylvania - RTK (Right to Know) List

Toluene-2,4-diisocyanate (584-84-9)

RTK - U.S. - Massachusetts - Right To Know List

RTK - U.S. - New Jersey - Right to Know Hazardous Substance List

RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List RTK

- U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

RTK - U.S. - Pennsylvania - RTK (Right to Know) List

Toluene 2,6-diisocyanate (91-08-7)

RTK - U.S. - Massachusetts - Right To Know List

RTK - U.S. - New Jersey - Right to Know Hazardous Substance List

RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List RTK

- U.S. - Pennsylvania - RTK (Right to Know) List

Bis(2-ethylhexyl) adipate (103-23-1)

RTK - U.S. - Massachusetts - Right To Know List

RTK - U.S. - New Jersey - Right to Know Hazardous Substance List

RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

RTK - U.S. - Pennsylvania - RTK (Right to Know) List

Talc (14807-96-6)

RTK - U.S. - Massachusetts - Right To Know List

RTK - U.S. - New Jersey - Right to Know Hazardous Substance List RTK

- U.S. - Pennsylvania - RTK (Right to Know) List

Dipropylene glycol (25265-71-8)

RTK - U.S. - Pennsylvania - RTK (Right to Know) List

Magnesium carbonate (546-93-0)

RTK - U.S. - Massachusetts - Right To Know List

RTK - U.S. - New Jersey - Right to Know Hazardous Substance List

Titanium dioxide (13463-67-7)

RTK - U.S. - Massachusetts - Right To Know List

RTK - U.S. - New Jersey - Right to Know Hazardous Substance List RTK

- U.S. - Pennsylvania - RTK (Right to Know) List

Isophorone diisocyanate (4098-71-9)

RTK - U.S. - Massachusetts - Right To Know List

RTK - U.S. - New Jersey - Right to Know Hazardous Substance List

RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List RTK

- U.S. - Pennsylvania - RTK (Right to Know) List

Canadian Regulations

Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester (82919-37-7)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Quartz (14808-60-7)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Listed on the Canadian Ingredient Disclosure List

WHMIS Classification

Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

2,6-Di-tert-butyl-p-cresol(128-37-0)

Storm Breaker™ Two Component Urethane Mastic Part A

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision Date:

Date of issue: 08/22/2025

Version: 1.0

Listed on the Canadian DSL (Domestic Substances List) inventory.	
Listed on the Canadian Ingredient Disclosure List	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
Aluminum oxide (1344-28-1)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
Listed on the Canadian Ingredient Disclosure List	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
Aluminum hydroxide (Al(OH)3) (21645-51-2)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
Limestone (1317-65-3)	
Listed on Non-Domestic Substances List (NDSL)	
WHMIS Classification	Class D Division 2 Subdivision A - Very toxic material causing other toxic effects
Silica gel, precipitated, crystalline free (112926-00-8)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
Soybean lecithin (8002-43-5)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
Dibutyltin dilaurate (77-58-7)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
Listed on the Canadian Ingredient Disclosure List	
WHMIS Classification	Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects
Toluene-2,4-diisocyanate (584-84-9)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
Listed on the Canadian Ingredient Disclosure List	
WHMIS Classification	Class D Division 1 Subdivision A - Very toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects
Toluene 2,6-diisocyanate (91-08-7)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
Listed on the Canadian Ingredient Disclosure List	
WHMIS Classification	Class D Division 1 Subdivision A - Very toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects
Bis(2-ethylhexyl) adipate (103-23-1)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
Listed on the Canadian Ingredient Disclosure List	
Talc (14807-96-6)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
WHMIS Classification	Class D Division 2 Subdivision A - Very toxic material causing other toxic effects
Dipropylene glycol (25265-71-8)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	

Magnesium carbonate (546-93-0)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
Titanium dioxide (13463-67-7)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
WHMIS Classification	Class D Division 2 Subdivision A - Very toxic material causing other toxic effects
Naphtha, petroleum, hydrotreated heavy (64742-48-9)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
WHMIS Classification	Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects
Polypropylene glycol (25322-69-4)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
Isophorone diisocyanate (4098-71-9)	
Listed on the Canadian DSL (Domestic Substances List) inventory. Listed on the Canadian Ingredient Disclosure List	
WHMIS Classification	Class D Division 1 Subdivision A - Very toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects
Propane, oxybis(methoxy- (111109-77-4)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
Silicic acid, aluminum sodium salt (1344-00-9)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
1,4-Diazabicyclo[2.2.2]octane (280-57-9)	
Listed on the Canadian DSL (Domestic Substances List) inventory. Listed on the Canadian Ingredient Disclosure List	
Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]- (104810-47-1)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	
Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-hydroxy-(104810-48-2)	
Listed on the Canadian DSL (Domestic Substances List) inventory.	

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

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

Revision date : 06/16/2025

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible for the Preparation of This Document

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This information is based on our knowledge as of the Revision Date and is intended to describe the product only for the purposes of health, safety, and environmental requirements as of the Revision Date. It should not therefore be construed as guaranteeing any specific property of the product nor as providing any warranty, expressed or implied. The user assumes all responsibility, liability,

Storm Breaker™ Single Component Urethane Mastic

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risk of loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product.

North America GHS US 2019 & WHMIS