

StoCast Wood Adhesive

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 Issue: 06/03/2021 Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: StoCast Wood Adhesive

Product Code: 81722

1.2. Intended Use of the Product

Adhesive for exterior wall cladding finishes. For professional use only.

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

Company

Sto Corp.

3800 Camp Creek Pkwy

Bldg 1400, Ste 120

Atlanta, GA 30331

404-346-3666

800-221-2397

www.stocorp.com

1.4. Emergency Telephone Number

Emergency Number : +1-703-741-5970 / 800-424-9300 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US/CA Classification

Carc. 1A H350

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)

: H350 - May cause cancer (Inhalation).

Precautionary Statements (GHS-US/CA)

: P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P280 - Wear protective gloves, protective clothing, and eye protection.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P405 - Store locked up.
P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

2.3. Other Hazards

If product is in liquid or paste form, physical or health hazards listed related to dust are not considered significant. However, product may contain substances that could be potential hazards if caused to become airborne due to grinding, sanding or other abrasive processes. For particulates and dust: Repeated or prolonged exposure to respirable (airborne) crystalline silica dust will cause lung damage in the form of silicosis. Symptoms will include progressively more difficult breathing, cough, fever, and weight loss. Crystalline silica exists in several forms, the most common of which is quartz. If crystalline silica (quartz) is heated to more than 870°C (1598 °F), it can change to a form of crystalline silica known as tridymite, and if crystalline silica (quartz) is heated to more than 1470°C (2678 °F), it can change to a form of crystalline silica known as cristobalite. The OSHA PEL for crystalline silica as tridymite and cristobalite is one-half of the OSHA PEL for crystalline silica (quartz). Repeated or prolonged exposure to titanium dioxide dust via inhalation is suspected of causing cancer of the respiratory tract.

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

No data available

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Synonyms	Product Identifier	% *	GHS Ingredient Classification
Limestone	Chalk / Limestone (A noncombustible solid characteristic of sedimentary rock. It consists primarily of calcium carbonate.) / Natural calcium carbonate / Marble / Calcium carbonate / Calcite / Acetate, 4-methyl-2-propyl-2H-tetrahydropyran-4-yl / Ground limestone	(CAS-No.) 1317-65-3	39.4 – 65	Not classified
Water	Aqua / Moisture	(CAS-No.) 7732-18-5	5.3 – 20.49	Not classified
Aluminum hydroxide (Al(OH) ₃)	C.I. 77002 / Alumina trihydrate / Aluminum trihydroxide / Aluminum(III) hydroxide	(CAS-No.) 21645-51-2	8 – 10	Not classified
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	Magnesium silicate / C.I. 77718 / Talc, non-asbestiform / Talc, non-fibrous / Pigment White 26 / Magnesium silicate, hydrous / Trimagnesium tetrasilicon undecaoxide hydrate / Talc powder	(CAS-No.) 14807-96-6	< 10	Not classified
Acrylic polymers	Not applicable	(CAS-No.) 9065-11-6	4.6 – 5.64	Not classified
Vinyl acrylic copolymer	Not applicable	(CAS-No.) Proprietary	< 1.5	Not classified
Acrylate based polymer	Not applicable	(CAS-No.) Proprietary	< 1.5	Not classified
2-Propanol, 1-(2-butoxy-1-methylethoxy)-	1-(2-Butoxy-1-methylethoxy)propan-2-ol / Dipropylene glycol butyl ether / Dipropylene glycol monobutyl ether / Glycol ether DPNB / Dipropylene glycol n-butyl ether / 1-(1-Methyl-2-butoxyethoxy)-2-propanol / 1-(2-Butoxy-1-methylethoxy)-2-propanol / Dipropylene glycol mono-n-butyl ether	(CAS-No.) 29911-28-2	< 1	Not classified
Polysiloxane mixture, aminomodified	Alkylpolysiloxanes, aminomodified	(CAS-No.) Proprietary	< 1	Not classified
Glass, oxide, chemicals	Glass, oxide / Glass / Sodium calcium polyphosphate / Glass powder / Calcium sodium polyphosphate / Sodium calcium polyphosphate silicate / Sodium zinc potassium polyphosphate / Glass flake / Calcium aluminum borosilicate / Glass dust / Fiberglass	(CAS-No.) 65997-17-3	< 1	Not classified
Cellulose, 2-hydroxyethyl ether	Hydroxyethylcellulose / 2-Hydroxyethyl cellulose / Cellosize hydroxyethyl cellulose / Ethyl cellulose resin / Cellosize hydroxyethyl cellulose / Ethyl cellulose resin	(CAS-No.) 9004-62-0	< 1	Comb. Dust
Alkylaryl sulphonate amine salt	Not applicable	(CAS-No.) Proprietary	< 1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Acute 2, H401
Titanium dioxide (TiO ₂)	C.I. 77891 / C.I. Pigment White 6 / Titanium(IV) oxide / C.I. Pigment White 7 / Titanium dioxide nanoparticles / Titanium oxide	(CAS-No.) 13463-67-7	< 0.99	Carc. 2, H351
Petroleum distillates, hydrotreated light	Distillates (petroleum), hydrotreated light / Hydrotreated light distillate / Kerosene, hydrotreated / Odorless light petroleum hydrocarbons / Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclics, / Kerosene	(CAS-No.) 64742-47-8	≤ 0.985	Flam. Liq. 4, H227 Asp. Tox. 1, H304 Aquatic Acute 2, H401
Palygorskite	Attapulgitte / Aluminum magnesium	(CAS-No.) 12174-11-7	< 0.98	Not classified

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	silicate, hydrated / Palygorskite ([Mg(Al _{0.5} -1Fe _{0.5})]Si ₄ (OH)O ₁₀ .4H ₂ O) / Attapulgite clay / Attapulgite clay, hydrous magnesium aluminum silicate / Hydrated aluminum magnesium silicate / Clay, attapulgite / Aluminum magnesium silicate / Aluminium magnesium silicate hydrated			
2-Amino-2-methyl-1-propanol	2-Amino-2-methylpropan-1-ol / Isobutanol-2-amine / Isobutanolamine / Propan-1-ol, 2-amino-2-methyl- / 1-Propanol, 2-amino-2-methyl- / 2-Amino-2-methylpropanol / Aminomethyl propanol / AMP	(CAS-No.) 124-68-5	< 0.89	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Chronic 3, H412
Distillates, petroleum, solvent-dewaxed heavy paraffinic	Petroleum distillates, solvent dewaxed heavy paraffinic / Paraffin oil / Oils, paraffinic, heavy, solvent-dewaxed	(CAS-No.) 64742-65-0	< 0.8	Not classified
Alcohols, C6-12, ethoxylated	C6-12 ethoxylated alcohols / Ethoxylated alcohols(C6-12)	(CAS-No.) 68439-45-2	< 0.4	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Quartz (SiO ₂)	Silica, crystalline, quartz / Crystalline silica, quartz / .alpha.-Quartz / Silica, crystalline, .alpha.-quartz / Crystalline silica in the form of quartz / Quartz, silica / Quartz (respirable fraction) / Silica dust / Silica, crystalline-.alpha.quartz / Silica, quartz / Silica, .alpha.-quartz / Silicon dioxide / Silica, crystalline / Quartz (crystalline silica) / Silica dust, crystalline	(CAS-No.) 14808-60-7	≤ 0.385	Carc. 1A, H350 STOT SE 3, H335 STOT RE 1, H372
Polyurethane resin	Not applicable	(CAS-No.) Proprietary	< 0.25	Not classified
Chlorite-group minerals	Chlorite (mineral) / Chlorite	(CAS-No.) 1318-59-8	< 0.2	Not classified
Dolomite (CaMg(CO ₃) ₂)	Magnesium calcium carbonate / Calcium magnesium carbonate	(CAS-No.) 16389-88-1	< 0.2	Not classified
Carbonic acid, magnesium salt (1:1)	Magnesium carbonate / C.I. 77713 / Carbonate, magnesium / Magnesite	(CAS-No.) 546-93-0	< 0.2	Not classified
Propanol, 2-(methylamino)-2-methyl-	2-Methyl-2-(methylamino)propan-1-ol / 1-Propanol, 2-methyl-2-(methylamino)- / 2-Methyl-2-(methylamino)-1-propanol	(CAS-No.) 27646-80-6	< 0.07	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Ethyl alcohol	Methylcarbinol / Ethanol / Alcohol anhydrous / Alcohol / Grain alcohol	(CAS-No.) 64-17-5	< 0.05	Flam. Liq. 2, H225 Eye Irrit. 2A, H319
Aluminum, hydroxybis(octadecanoato-O)-	Aluminium, hydroxybis(octadecanoato-O)- / Aluminum distearate / Aluminum hydroxide distearate / Aluminum, hydroxybis(octadecanoato-.kappa.O)- / Aluminum, hydroxybis(stearato)- / Hydroxyaluminium distearate / Aluminium stearate / Hydroxido-.kappa.O-bis(stearato-.kappa.O)aluminum	(CAS-No.) 300-92-5	< 0.05	Comb. Dust
D-Gluconic acid	Gluconic acid	(CAS-No.) 526-95-4	< 0.05	Not classified
2-Bromo-2-nitro-1,3-propanediol	Bronopol / Propane-1,3-diol, 2-bromo-2-nitro- / 1,3-Propanediol, 2-bromo-2-nitro- / 2-Bromo-2-nitropropane-1,3-diol	(CAS-No.) 52-51-7	< 0.04	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Vinyl ester	Not applicable	(CAS-No.) Proprietary	< 0.025	Not classified
Ammonium hydroxide	Ammonia, aqueous solution / Ammonium hydroxide ((NH ₄)(OH)) / Ammonia	(CAS-No.) 1336-21-6	≤ 0.024	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302

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	solution / Ammonia ...% / Ammonia water			Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400
Benzophenone	Benzoylbenzene / Diphenyl ketone / Methanone, diphenyl-	(CAS-No.) 119-61-9	0.01 – 0.024	Carc. 2, H351 STOT RE 2, H373 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
Magnesium oxide (MgO)	Calcined magnesite / Magnesia	(CAS-No.) 1309-48-4	< 0.02	Not classified
Naphtha, petroleum, hydrotreated heavy	Hydrotreated heavy naphtha / Isopar 350 / White spirit type 3 / Aliphatic oil / Synthetic isoparaffin, C6-13 / Naphtha (petroleum), hydrotreated heavy - low boiling point hydrogen treated naphtha / Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha / Ligroine (petroleum), hydrotreated heavy / Hydrocarbons, C9-11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	(CAS-No.) 64742-48-9	< 0.015	Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304
1,2-Benzisothiazol-3(2H)-one	1,2-Benzisothiazolin-3-one / Benzisothiazolinone / 1,2-Benzisothiazolone / 1,2-Benzisothiazol-3-one / Benzisothiazolin-3-one, 1,2-	(CAS-No.) 2634-33-5	< 0.0125	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Comb. Dust
3(2H)-Isothiazolone, 2-methyl-	2-Methyl-3-isothiazolone / 3-Isothiazolone, 2-methyl- / 2-Methyl-2H-isothiazol-3-one / 2-Methyl-4-isothiazolin-3-one / 2-Methyl-4-isothiazolone-3-one / Methylisothiazolinone / Methylisothiazolone / Methyl-4-isothiazolin-3-one, 2- / MIT / 2-Methyl-2,3-dihydroisothiazol-3-one / 2-Methylisothiazol-3(2H)-one / 3(2H)-Isothiazolon-3-one, 2-methyl- / 2-Methylisothiazolin-3(2H)-one / N-Methylisothiazolone	(CAS-No.) 2682-20-4	< 0.0125	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Methanol	Methyl alcohol / Carbinol / Methyl hydroxide / Wood alcohol	(CAS-No.) 67-56-1	< 0.01	Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 STOT SE 1, H370
Residual Monomers	Not applicable		< 0.006	STOT SE 3, H335 STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
Aziridine, 2-methyl-	Propylene imine / 1,2-Propyleneimine / Propyleneimine, inhibited / 2-Methyl aziridine / Propyleneimine, uninhibited / Propyleneimine, stabilized / 2-Methylaziridine / Methylaziridine / 1,2-Propyleneimine / Aziridine, 2-methyl / Propylene amine / Propyleneimine, unstabilized / Propyleneimine / 2-Methylazacyclopropane / Aziridine, 2-methyl-	(CAS-No.) 75-55-8	< 0.005	Flam. Liq. 2, H225 Acute Tox. 2 (Oral), H300 Acute Tox. 1 (Dermal), H310 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1, H314 Eye Dam. 1, H318 Carc. 2, H351

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2-Propenoic acid, sodium salt	Acrylic acid, sodium salt / Sodium acrylate	(CAS-No.) 7446-81-3	< 0.005	Aquatic Acute 1, H400
3(2H)-Isothiazolone, 2-octyl-	4-Isothiazolin-3-one, 2-octyl- / 2-Octyl-2H-isothiazol-3-one / 2-N-Octyl-4-isothiazolin-3-one / 2-Octylisothiazol-3(2H)-one / Octhilonone / 2-Octyl-4-isothiazolin-3-one / 2-n-Octyl-4-isothiazolin-3-one / 2-n-Octyl-2,3-dihydroisothiazol-3-one / 2-Octyl-3(2H)-isothiazolone / 1-Octanol / 2-Octyl-isothiazol-3(2H)-one / 2-octyl-2H-isothiazol-3-one / 2-Octyl-isothiazolone	(CAS-No.) 26530-20-1	< 0.005	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Diuron	3-(3,4-Dichlorophenyl)-1,1-dimethylurea / N'-(3,4-Dichlorophenyl)-N,N-dimethylurea / 1,1-Dimethyl-3-(3,4-dichlorophenyl)urea / Urea, 3-(3,4-dichlorophenyl)-1,1-dimethyl- / Urea, N'-(3,4-dichlorophenyl)-N,N-dimethyl- / Dichlorfenidim / Urea, N-(3,4-dichlorophenyl)-N',N'-dimethyl- / N-(3,4-Dichlorophenyl)-N',N'-dimethylurea / DCMU	(CAS-No.) 330-54-1	< 0.005	Acute Tox. 4 (Oral), H302 Carc. 2, H351 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-	Propane-1,3-diol, 2-ethyl-2-(hydroxymethyl)- / Propylidynetrimethanol / TMP / 1,1,1-Tri(hydroxymethyl)propane / 1,1,1-Trimethylolpropane / Trimethylolpropane / 1,1,1-Tris(hydroxymethyl)propane / 2-Ethyl-2-(hydroxymethyl)-1,3-propanediol / 2,2-Bis(hydroxymethyl)-1-butanol / 2,2-Bis(hydroxymethyl)butan-1-ol / 2,2-Dihydroxymethylbutanol	(CAS-No.) 77-99-6	< 0.0045	Repr. 2, H361

Full text of H-phrases: see section 16

*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%).

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. For particulates and dust: Encourage exposed person to cough, spit out, and blow nose to remove dust. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Gently wash with plenty of soap and water. If exposed or concerned: Get medical advice/attention.

Eye Contact: Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

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

4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: Not available

Inhalation: Prolonged exposure may cause irritation. For particulates and dust: Some studies show that exposure to respirable crystalline silica (without silicosis) or that the disease silicosis may be associated with the increased incidence of several autoimmune disorders such as scleroderma (thickening of the skin), systemic lupus erythematosus, rheumatoid arthritis and diseases affecting the kidneys. Silicosis increases the risk of tuberculosis. Some studies show an increased incidence of chronic kidney disease and end-stage renal disease in workers exposed to respirable crystalline silica. Repeated or prolonged exposure to titanium dioxide dust via inhalation is suspected of causing cancer of the respiratory tract.

Skin Contact: Prolonged exposure may cause skin irritation.

Eye Contact: May cause slight irritation to eyes.

Ingestion: Ingestion may cause adverse effects.

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Chronic Symptoms: Long term exposure to respirable crystalline silica results in a significant risk of developing silicosis and other non-malignant respiratory disease, lung cancer, kidney effects, and immune system effects. Repeated or prolonged exposure to titanium dioxide dust via inhalation is suspected of causing cancer of the respiratory tract.

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, carbon dioxide, foam, 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: Calcium oxides. Carbon oxides (CO, CO₂). Halogenated compounds and metal oxides. Nitrogen oxides. Silicon oxides. Sulfur oxides.

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 handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. Do not breathe dust or fumes.

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 prolonged contact with eyes, skin and clothing. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust, fume.

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. Store locked up/in a secure area.

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

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7.3. Specific End Use(s)

Adhesive for exterior wall cladding finishes. For professional use only.

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.

Limestone (1317-65-3)		
USA OSHA	OSHA PEL TWA	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)
USA NIOSH	NIOSH REL TWA	10 mg/m ³ (total dust) 5 mg/m ³ (respirable dust)
Alberta	OEL TWA	10 mg/m ³
British Columbia	OEL STEL	20 mg/m ³ (total)
British Columbia	OEL TWA	10 mg/m ³ (total dust) 3 mg/m ³ (respirable fraction)
New Brunswick	OEL TWA	10 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica)
Nunavut	OEL STEL	20 mg/m ³
Nunavut	OEL TWA	10 mg/m ³
Northwest Territories	OEL STEL	20 mg/m ³
Northwest Territories	OEL TWA	10 mg/m ³
Québec	VEMP OEL TWA	10 mg/m ³ (Limestone, containing no Asbestos and <1% Crystalline silica-total dust)
Saskatchewan	OEL STEL	20 mg/m ³
Saskatchewan	OEL TWA	10 mg/m ³
Yukon	OEL STEL	20 mg/m ³
Yukon	OEL TWA	30 mppcf 10 mg/m ³
Quartz (14808-60-7)		
USA ACGIH	ACGIH OEL TWA	0.025 mg/m ³ (respirable particulate matter)
USA ACGIH	ACGIH chemical category	A2 - Suspected Human Carcinogen
USA OSHA	OSHA PEL TWA	50 µg/m ³ (Respirable crystalline silica)
USA OSHA	OSHA PEL TWA	(250)/(%SiO ₂ +5) mppcf TWA (respirable fraction) (10)/(%SiO ₂ +2) mg/m ³ TWA (respirable fraction) (For any operations or sectors for which the respirable crystalline silica standard, 1910.1053, is stayed or otherwise not in effect, See 20 CFR 1910.1000 TABLE Z-3)
USA NIOSH	NIOSH REL TWA	0.05 mg/m ³ (respirable dust)
USA IDLH	IDLH	50 mg/m ³ (respirable dust)
Alberta	OEL TWA	0.025 mg/m ³ (respirable particulate)
British Columbia	OEL TWA	0.025 mg/m ³ (respirable)
Manitoba	OEL TWA	0.025 mg/m ³ (respirable particulate matter)
New Brunswick	OEL TWA	0.1 mg/m ³ (respirable fraction)
Newfoundland & Labrador	OEL TWA	0.025 mg/m ³ (respirable particulate matter)
Nova Scotia	OEL TWA	0.025 mg/m ³ (respirable particulate matter)
Nunavut	OEL TWA	0.05 mg/m ³ (respirable fraction (Silica - crystalline))
Northwest Territories	OEL TWA	0.05 mg/m ³ (respirable fraction (Silica - crystalline))
Ontario	OEL TWA	0.1 mg/m ³ (designated substances regulation-respirable fraction (Silica, crystalline))
Prince Edward Island	OEL TWA	0.025 mg/m ³ (respirable particulate matter)
Québec	VEMP OEL TWA	0.1 mg/m ³ (respirable dust)

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Saskatchewan	OEL TWA	0.05 mg/m ³ (respirable fraction (Silica - crystalline (Trydimite removed)))
Yukon	OEL TWA	300 particle/mL (Silica - Quartz, crystalline)
Residual Monomers		
	Internal OEL Value(s)	Internal TWA: 4 ppm (Skin); Internal STEL: 10 ppm (Skin)
USA ACGIH	ACGIH OEL TWA [ppm]	20 ppm
Benzophenone (119-61-9)		
USA AIHA	WEEL TWA	0.5 mg/m ³
Talc (Mg3H2(SiO3)4) (14807-96-6)		
USA ACGIH	ACGIH OEL TWA	2 mg/m ³ (particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter)
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen containing no asbestos fibers
USA OSHA	OSHA PEL TWA	20 mppcf ((not containing asbestos) containing <1% quartz, if 1% quartz or more; use quartz limit) (See 29 CFR 1910.1000 TABLE Z-3)
USA NIOSH	NIOSH REL TWA	2 mg/m ³ (containing no Asbestos and <1% Quartz-respirable dust)
USA IDLH	IDLH	1000 mg/m ³ (containing no asbestos and <1% quartz)
Alberta	OEL TWA	2 mg/m ³ (respirable particulate)
British Columbia	OEL TWA	2 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica-respirable particulate)
Manitoba	OEL TWA	2 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica-particulate matter, respirable particulate matter)
New Brunswick	OEL TWA	2 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction)
Newfoundland & Labrador	OEL TWA	2 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica-particulate matter, respirable particulate matter)
Nova Scotia	OEL TWA	2 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica-particulate matter, respirable particulate matter)
Nunavut	OEL TWA	2 mg/m ³ (respirable fraction)
Northwest Territories	OEL TWA	2 mg/m ³ (respirable fraction)
Ontario	OEL TWA	2 mg/m ³ (containing no Asbestos and <1% Crystalline silica-respirable fraction)
Prince Edward Island	OEL TWA	2 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica-particulate matter, respirable particulate matter)
Québec	VEMP OEL TWA	2 mg/m ³ (containing no Asbestos and <1% Crystalline silica-respirable dust)
Saskatchewan	OEL TWA	2 mg/m ³ (respirable fraction)
Yukon	OEL TWA	20 mppcf
Carbonic acid, magnesium salt (1:1) (546-93-0)		
USA NIOSH	NIOSH REL TWA	10 mg/m ³ (total dust (Magnesite)) 5 mg/m ³ (respirable dust (Magnesite))
British Columbia	OEL TWA	10 mg/m ³ (total dust (Magnesite)) 3 mg/m ³ (respirable fraction (Magnesite))
New Brunswick	OEL TWA	10 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica (Magnesite))
Nunavut	OEL STEL	20 mg/m ³ (Magnesite)
Nunavut	OEL TWA	10 mg/m ³ (Magnesite)
Northwest Territories	OEL STEL	20 mg/m ³ (Magnesite)
Northwest Territories	OEL TWA	10 mg/m ³ (Magnesite)
Québec	VEMP OEL TWA	10 mg/m ³ (containing no Asbestos and <1% Crystalline silica-total dust (Magnesite))
Ethyl alcohol (64-17-5)		
USA ACGIH	ACGIH OEL STEL	1000 ppm

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USA ACGIH	ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
USA OSHA	OSHA PEL TWA	1900 mg/m ³
USA OSHA	OSHA PEL TWA	1000 ppm
USA NIOSH	NIOSH REL TWA	1900 mg/m ³
USA NIOSH	NIOSH REL TWA	1000 ppm
USA IDLH	IDLH	3300 ppm (10% LEL)
Alberta	OEL TWA	1880 mg/m ³
Alberta	OEL TWA	1000 ppm
British Columbia	OEL STEL	1000 ppm
Manitoba	OEL STEL	1000 ppm
New Brunswick	OEL TWA	1880 mg/m ³
New Brunswick	OEL TWA	1000 ppm
Newfoundland & Labrador	OEL STEL	1000 ppm
Nova Scotia	OEL STEL	1000 ppm
Nunavut	OEL STEL	1250 ppm
Nunavut	OEL TWA	1000 ppm
Northwest Territories	OEL STEL	1250 ppm
Northwest Territories	OEL TWA	1000 ppm
Ontario	OEL STEL	1000 ppm
Prince Edward Island	OEL STEL	1000 ppm
Québec	VECD OEL STEL	1000 ppm
Saskatchewan	OEL STEL	1250 ppm
Saskatchewan	OEL TWA	1000 ppm
Yukon	OEL STEL	1900 mg/m ³
Yukon	OEL STEL	1000 ppm
Yukon	OEL TWA	1900 mg/m ³
Yukon	OEL TWA	1000 ppm
Aziridine, 2-methyl- (75-55-8)		
USA ACGIH	ACGIH OEL TWA	0.2 ppm
USA ACGIH	ACGIH OEL STEL	0.4 ppm
USA ACGIH	ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans, Skin - potential significant contribution to overall exposure by the cutaneous route
USA OSHA	OSHA PEL TWA	5 mg/m ³
USA OSHA	OSHA PEL TWA	2 ppm
USA OSHA	Limit value category	prevent or reduce skin absorption
USA NIOSH	NIOSH REL TWA	5 mg/m ³
USA NIOSH	NIOSH REL TWA	2 ppm
USA IDLH	IDLH	100 ppm
Alberta	OEL TWA	4.7 mg/m ³
Alberta	OEL TWA	2 ppm
British Columbia	OEL TWA	2 ppm
Manitoba	OEL STEL	0.4 ppm
Manitoba	OEL TWA	0.2 ppm
New Brunswick	OEL TWA	4.7 mg/m ³
New Brunswick	OEL TWA	2 ppm
Newfoundland & Labrador	OEL STEL	0.4 ppm
Newfoundland & Labrador	OEL TWA	0.2 ppm
Nova Scotia	OEL STEL	0.4 ppm
Nova Scotia	OEL TWA	0.2 ppm
Nunavut	OEL STEL	4 ppm
Nunavut	OEL TWA	2 ppm

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Northwest Territories	OEL STEL	4 ppm
Northwest Territories	OEL TWA	2 ppm
Ontario	OEL STEL	0.4 ppm
Ontario	OEL TWA	0.2 ppm
Prince Edward Island	OEL STEL	0.4 ppm
Prince Edward Island	OEL TWA	0.2 ppm
Québec	VECD OEL STEL	0.4 ppm
Québec	VEMP OEL TWA	0.2 ppm
Saskatchewan	OEL STEL	4 ppm
Saskatchewan	OEL TWA	2 ppm
Yukon	OEL STEL	5 mg/m ³
Yukon	OEL STEL	2 ppm
Yukon	OEL TWA	5 mg/m ³
Yukon	OEL TWA	2 ppm
Titanium dioxide (13463-67-7)		
USA ACGIH	ACGIH OEL TWA	10 mg/m ³
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA OSHA	OSHA PEL TWA	15 mg/m ³ (total dust)
USA NIOSH	NIOSH REL TWA	2.4 mg/m ³ (CIB 63-fine) 0.3 mg/m ³ (CIB 63-ultrafine, including engineered nanoscale)
USA IDLH	IDLH	5000 mg/m ³
Alberta	OEL TWA	10 mg/m ³
British Columbia	OEL TWA	10 mg/m ³ (total dust) 3 mg/m ³ (respirable fraction)
Manitoba	OEL TWA	10 mg/m ³
New Brunswick	OEL TWA	10 mg/m ³
Newfoundland & Labrador	OEL TWA	10 mg/m ³
Nova Scotia	OEL TWA	10 mg/m ³
Nunavut	OEL STEL	20 mg/m ³
Nunavut	OEL TWA	10 mg/m ³
Northwest Territories	OEL STEL	20 mg/m ³
Northwest Territories	OEL TWA	10 mg/m ³
Ontario	OEL TWA	10 mg/m ³
Prince Edward Island	OEL TWA	10 mg/m ³
Québec	VEMP OEL TWA	10 mg/m ³ (containing no Asbestos and <1% Crystalline silica-total dust)
Saskatchewan	OEL STEL	20 mg/m ³
Saskatchewan	OEL TWA	10 mg/m ³
Yukon	OEL STEL	20 mg/m ³
Yukon	OEL TWA	30 mppcf 10 mg/m ³
Methanol (67-56-1)		
USA ACGIH	ACGIH OEL TWA	200 ppm
USA ACGIH	ACGIH OEL STEL	250 ppm
USA ACGIH	ACGIH chemical category	Skin - potential significant contribution to overall exposure by the cutaneous route
USA ACGIH	BEI BLV	15 mg/l Parameter: Methanol - Medium: urine - Sampling time: end of shift (background, nonspecific)
USA OSHA	OSHA PEL TWA	260 mg/m ³
USA OSHA	OSHA PEL TWA	200 ppm
USA NIOSH	NIOSH REL TWA	260 mg/m ³
USA NIOSH	NIOSH REL TWA	200 ppm

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USA NIOSH	NIOSH REL STEL	325 mg/m ³
USA NIOSH	NIOSH REL STEL	250 ppm
USA IDLH	IDLH	6000 ppm
Alberta	OEL STEL	328 mg/m ³
Alberta	OEL STEL	250 ppm
Alberta	OEL TWA	262 mg/m ³
Alberta	OEL TWA	200 ppm
British Columbia	OEL STEL	250 ppm
British Columbia	OEL TWA	200 ppm
Manitoba	OEL STEL	250 ppm
Manitoba	OEL TWA	200 ppm
New Brunswick	OEL STEL	328 mg/m ³
New Brunswick	OEL STEL	250 ppm
New Brunswick	OEL TWA	262 mg/m ³
New Brunswick	OEL TWA	200 ppm
Newfoundland & Labrador	OEL STEL	250 ppm
Newfoundland & Labrador	OEL TWA	200 ppm
Nova Scotia	OEL STEL	250 ppm
Nova Scotia	OEL TWA	200 ppm
Nunavut	OEL STEL	250 ppm
Nunavut	OEL TWA	200 ppm
Northwest Territories	OEL STEL	250 ppm
Northwest Territories	OEL TWA	200 ppm
Ontario	OEL STEL	250 ppm
Ontario	OEL TWA	200 ppm
Prince Edward Island	OEL STEL	250 ppm
Prince Edward Island	OEL TWA	200 ppm
Québec	VECD OEL STEL	328 mg/m ³
Québec	VECD OEL STEL	250 ppm
Québec	VEMP OEL TWA	262 mg/m ³
Québec	VEMP OEL TWA	200 ppm
Saskatchewan	OEL STEL	250 ppm
Saskatchewan	OEL TWA	200 ppm
Yukon	OEL STEL	310 mg/m ³
Yukon	OEL STEL	250 ppm
Yukon	OEL TWA	260 mg/m ³
Yukon	OEL TWA	200 ppm
Glass, oxide, chemicals (65997-17-3)		
USA OSHA	OSHA PEL TWA	15 mg/m ³ total dust, 5 mg/m ³ , respirable fraction 8 hr
USA NIOSH	NIOSH REL TWA	3 fibers/cm ³ (fibers ≤3.5 µm in diameter & ≥10µm in length), TWA 5mg/m ³ (total)
Yukon	OEL TWA	30 mppcf (dust or fibrous) 10 mg/m ³ (dust or fibrous)
Palygorskite (12174-11-7)		
Québec	VEMP OEL TWA	1 fibers/cm ³ (respirable (Fibres - Natural Mineral Fibres))
Magnesium oxide (MgO) (1309-48-4)		
USA ACGIH	ACGIH OEL TWA	10 mg/m ³ (inhalable particulate matter)
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA OSHA	OSHA PEL TWA	15 mg/m ³ (fume, total particulate)
USA IDLH	IDLH	750 mg/m ³ (fume)
Alberta	OEL TWA	10 mg/m ³ (fume)

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British Columbia	OEL STEL	10 mg/m ³ (respirable dust and fume)
British Columbia	OEL TWA	10 mg/m ³ (fume, inhalable) 3 mg/m ³ (respirable dust and fume)
Manitoba	OEL TWA	10 mg/m ³ (inhalable particulate matter)
New Brunswick	OEL TWA	10 mg/m ³ (fume)
Newfoundland & Labrador	OEL TWA	10 mg/m ³ (inhalable particulate matter)
Nova Scotia	OEL TWA	10 mg/m ³ (inhalable particulate matter)
Nunavut	OEL STEL	20 mg/m ³ (inhalable fraction)
Nunavut	OEL TWA	10 mg/m ³ (inhalable fraction)
Northwest Territories	OEL STEL	20 mg/m ³ (inhalable fraction)
Northwest Territories	OEL TWA	10 mg/m ³ (inhalable fraction)
Ontario	OEL TWA	10 mg/m ³ (inhalable particulate matter)
Prince Edward Island	OEL TWA	10 mg/m ³ (inhalable particulate matter)
Québec	VEMP OEL TWA	10 mg/m ³ (inhalable dust)
Saskatchewan	OEL STEL	20 mg/m ³ (inhalable fraction)
Saskatchewan	OEL TWA	10 mg/m ³ (inhalable fraction)
Yukon	OEL STEL	10 mg/m ³ (fume)
Yukon	OEL TWA	10 mg/m ³ (fume)
Diuron (330-54-1)		
USA ACGIH	ACGIH OEL TWA	10 mg/m ³
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA NIOSH	NIOSH REL TWA	10 mg/m ³
Alberta	OEL TWA	10 mg/m ³
British Columbia	OEL TWA	10 mg/m ³
Manitoba	OEL TWA	10 mg/m ³
New Brunswick	OEL TWA	10 mg/m ³
Newfoundland & Labrador	OEL TWA	10 mg/m ³
Nova Scotia	OEL TWA	10 mg/m ³
Nunavut	OEL STEL	20 mg/m ³
Nunavut	OEL TWA	10 mg/m ³
Northwest Territories	OEL STEL	20 mg/m ³
Northwest Territories	OEL TWA	10 mg/m ³
Ontario	OEL TWA	10 mg/m ³
Prince Edward Island	OEL TWA	10 mg/m ³
Québec	VEMP OEL TWA	10 mg/m ³
Saskatchewan	OEL STEL	20 mg/m ³
Saskatchewan	OEL TWA	10 mg/m ³

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. Insufficient ventilation: wear respiratory protection.



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.

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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	: Off-white
Odor	: Little to no odor
Odor Threshold	: Not available
pH	: Not available
Evaporation Rate	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: > 1000 °C (1832 °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	: Not available
Solubility	: Water: 0.1 - 1.0%
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: 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:** Avoid dust formation. 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 may produce: Calcium oxides. Carbon oxides (CO, CO₂). Halogenated compounds. Metal oxides. Nitrogen oxides. Silicon oxides. Sulfur oxides.

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
- Eye Damage/Irritation:** Not classified
- Respiratory or Skin Sensitization:** Not classified
- Germ Cell Mutagenicity:** Not classified
- Carcinogenicity:** May cause cancer (Inhalation).
- Specific Target Organ Toxicity (Repeated Exposure):** Not classified

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Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: For particulates and dust: Prolonged exposure may cause irritation. Some studies show that exposure to respirable crystalline silica (without silicosis) or that the disease silicosis may be associated with the increased incidence of several autoimmune disorders such as scleroderma (thickening of the skin), systemic lupus erythematosus, rheumatoid arthritis and diseases affecting the kidneys. Silicosis increases the risk of tuberculosis. Some studies show an increased incidence of chronic kidney disease and end-stage renal disease in workers exposed to respirable crystalline silica. Repeated or prolonged exposure to titanium dioxide dust via inhalation is suspected of causing cancer of the respiratory tract.

Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.

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

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

Chronic Symptoms: Long term exposure to respirable crystalline silica results in a significant risk of developing silicosis and other non-malignant respiratory disease, lung cancer, kidney effects, and immune system effects. Repeated or prolonged exposure to titanium dioxide dust via inhalation is suspected of causing cancer of the respiratory tract.

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Quartz (14808-60-7)	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rat	> 5000 mg/kg
Ammonium hydroxide (1336-21-6)	
LD50 Oral Rat	350 mg/kg
Benzophenone (119-61-9)	
LD50 Oral Rat	> 10 g/kg
LD50 Dermal Rabbit	3535 mg/kg
Aluminum hydroxide (Al(OH)₃) (21645-51-2)	
LD50 Oral Rat	> 5000 mg/kg
Ethyl alcohol (64-17-5)	
LD50 Oral Rat	10470 mg/kg
LD50 Dermal Rat	20 ml/kg
LC50 Inhalation Rat	124.7 mg/l/4h
Aziridine, 2-methyl- (75-55-8)	
LD50 Oral Rat	19 mg/kg
LC50 Inhalation Rat	0.817 mg/l/4h
Naphtha, petroleum, hydrotreated heavy (64742-48-9)	
LD50 Oral Rat	> 5000 mg/kg OECD Guideline 401
LD50 Dermal Rabbit	> 5000 mg/kg OECD Guideline 402
LC50 Inhalation Rat	> 5000 mg/m ³ (Exposure time: 4 h)
Petroleum distillates, hydrotreated light (64742-47-8)	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat	> 5.2 mg/l/4h
1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)- (77-99-6)	
LD50 Oral Rat	14100 mg/kg
LD50 Dermal Rabbit	> 10000 mg/kg
Titanium dioxide (13463-67-7)	
LD50 Oral Rat	> 10000 mg/kg
LC50 Inhalation Rat	5.09 mg/l/4h
2-Propanol, 1-(2-butoxy-1-methylethoxy)- (29911-28-2)	
LD50 Oral Rat	3700 mg/kg (Species: Wistar)
LC50 Inhalation Rat	42.1 ppm/4h

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Methanol (67-56-1)	
LD50 Dermal Rabbit	15840 mg/kg
LC50 Inhalation Rat	22500 ppm (Exposure time: 8 h)
ATE US/CA (oral)	100 mg/kg body weight
ATE US/CA (dermal)	300 mg/kg body weight
ATE US/CA (vapors)	3 mg/l/4h
2-Amino-2-methyl-1-propanol (124-68-5)	
LD50 Oral Rat	2900 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
Propanol, 2-(methylamino)-2-methyl- (27646-80-6)	
ATE US/CA (oral)	500 mg/kg body weight
Distillates, petroleum, solvent-dewaxed heavy paraffinic (64742-65-0)	
LD50 Oral Rat	> 5 g/kg
LD50 Dermal Rabbit	> 5 g/kg
LC50 Inhalation Rat	> 2400 mg/m ³ (Exposure time: 4 h)
Aluminum, hydroxybis(octadecanoato-O)- (300-92-5)	
LD50 Dermal Rat	> 5000 mg/kg
D-Gluconic acid (526-95-4)	
LD50 Oral Rat	7630 mg/kg
LD50 Dermal Rat	> 2000 mg/kg
Alcohols, C6-12, ethoxylated (68439-45-2)	
ATE US/CA (oral)	500 mg/kg body weight
Alkylaryl sulphonate amine salt (Proprietary)	
LD50 Oral Rat	1300 mg/kg
Magnesium oxide (MgO) (1309-48-4)	
LD50 Oral Rat	3870 mg/kg
2-Bromo-2-nitro-1,3-propanediol (52-51-7)	
LD50 Oral Rat	180 mg/kg
LD50 Dermal Rat	1600 mg/kg
LC50 Inhalation Rat	> 5 g/m ³ (Exposure time: 6 h)
1,2-Benzisothiazol-3(2H)-one (2634-33-5)	
LD50 Oral Rat	1020 mg/kg
LD50 Dermal Rat	> 2000 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
Diuron (330-54-1)	
LD50 Oral Rat	1017 mg/kg
LD50 Dermal Rat	> 2000 mg/kg
LC50 Inhalation Rat	> 5.05 mg/l
3(2H)-Isothiazolone, 2-octyl- (26530-20-1)	
LD50 Oral Rat	550 mg/kg
LD50 Dermal Rat	690 mg/kg
LC50 Inhalation Rat	0.586 mg/l/4h
Quartz (14808-60-7)	
IARC Group	1
National Toxicology Program (NTP) Status	Known Human Carcinogens.
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
Benzophenone (119-61-9)	

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IARC Group	2B
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity.
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
Talc (Mg₃H₂(SiO₃)₄) (14807-96-6)	
IARC Group	3
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity.
Aziridine, 2-methyl- (75-55-8)	
IARC Group	2B
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen.
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
Titanium dioxide (13463-67-7)	
IARC Group	2B
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
Glass, oxide, chemicals (65997-17-3)	
IARC Group	3
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen.
Palygorskite (12174-11-7)	
IARC Group	3
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Not classified.

Ammonium hydroxide (1336-21-6)	
LC50 Fish	8.2 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
EC50 Crustacea	0.66 mg/l (Exposure time: 48 h - Species: water flea)
NOEC Chronic Crustacea	3.47 mg/l
Benzophenone (119-61-9)	
LC50 Fish	13.2 – 15.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
ErC50 Algae	3.53 mg/l
NOEC Chronic Crustacea	0.2 mg/l
Talc (Mg₃H₂(SiO₃)₄) (14807-96-6)	
LC50 Fish	> 100 g/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])
Ethyl alcohol (64-17-5)	
LC50 Fish 1	11200 mg/l
EC50 Crustacea	9268 – 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
ErC50 Algae	1000 mg/l
NOEC Chronic Crustacea	9.6 mg/l
Naphtha, petroleum, hydrotreated heavy (64742-48-9)	
LC50 Fish	2200 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
Petroleum distillates, hydrotreated light (64742-47-8)	
LC50 Fish 1	45 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 Fish 2	2.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)- (77-99-6)	
EC50 Crustacea 1	13000 mg/l (Exposure time: 48 h - Species: Daphnia species)
EC50 Crustacea 2	10330 – 16360 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
2-Propanol, 1-(2-butoxy-1-methylethoxy)- (29911-28-2)	
LC50 Fish	841 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [static])
ErC50 Algae	556.4 mg/l

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Methanol (67-56-1)	
LC50 Fish 1	28200 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Crustacea	1340 mg/l
LC50 Fish 2	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
2-Propenoic acid, sodium salt (7446-81-3)	
LC50 Fish	27 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])
2-Amino-2-methyl-1-propanol (124-68-5)	
LC50 Fish	190 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Crustacea	193 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Distillates, petroleum, solvent-dewaxed heavy paraffinic (64742-65-0)	
LC50 Fish	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Crustacea	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Aluminum, hydroxybis(octadecanoato-O)- (300-92-5)	
LC50 Fish	> 100 mg/l
EC50 Other Aquatic Organisms	12000 mg/l Bacteria toxicity
Alkylaryl sulphonate amine salt (Proprietary)	
LC50 Fish	22 mg/l
EC50 Crustacea	2.5 mg/l
2-Bromo-2-nitro-1,3-propanediol (52-51-7)	
ErC50 Algae	0.15 mg/l (Species: Skeletonema costatum)
1,2-Benzisothiazol-3(2H)-one (2634-33-5)	
EC50 Crustacea	0.99 mg/l
Diuron (330-54-1)	
LC50 Fish 1	13.4 – 15 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Crustacea 1	1.4 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	13.4 – 15 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Crustacea 2	6.3 – 13 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
ErC50 Algae	0.013 mg/l
NOEC Chronic Fish	0.41 mg/l
NOEC Chronic Crustacea	0.56 mg/l
NOEC Chronic Algae	(Species: Scenedesmus subspicatus)
3(2H)-Isothiazolone, 2-octyl- (26530-20-1)	
LC50 Fish 1	0.047 mg/kg (Exposure Time: 96 h - Species: Oncorhynchus mykiss [Flow-through])
LC50 Fish 2	0.05 ppm Exposure Time: 96 h - Species: Oncorhynchus mykiss [static]
NOEC Chronic Fish	< 0.05
NOEC Chronic Algae	< 0.011 (Test Duration: 120 h - Species: Selenastrum capricornutum [static])

12.2. Persistence and Degradability

Sto Veneer Wood Adhesive	
Persistence and Degradability	Not established.
Residual Monomers	
Persistence and Degradability	Readily biodegradable.
Aluminum, hydroxybis(octadecanoato-O)- (300-92-5)	
Biochemical oxygen demand (BOD)	202 g O ₂ /g substance
BOD (% of ThOD)	6.5 % ThOD (23 days)
Palygorskite (12174-11-7)	
Persistence and Degradability	Not established.

12.3. Bioaccumulative Potential

Sto Veneer Wood Adhesive	
Bioaccumulative Potential	Not established.

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Residual Monomers	
Partition coefficient n-octanol/water (Log Pow)	0.93
Benzophenone (119-61-9)	
BCF Fish	3.4 – 9.2
Partition coefficient n-octanol/water (Log Pow)	3.2
Talc (Mg3H2(SiO3)4) (14807-96-6)	
BCF Fish	(no known bioaccumulation)
Dolomite (CaMg(CO3)2) (16389-88-1)	
BCF Fish	(no known bioaccumulation)
Ethyl alcohol (64-17-5)	
Partition coefficient n-octanol/water (Log Pow)	-0.32
Petroleum distillates, hydrotreated light (64742-47-8)	
BCF Fish	61 – 159
1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)- (77-99-6)	
BCF Fish	0.14
Partition coefficient n-octanol/water (Log Pow)	-2.37
Methanol (67-56-1)	
BCF Fish	< 10
Partition coefficient n-octanol/water (Log Pow)	-0.77
2-Amino-2-methyl-1-propanol (124-68-5)	
BCF Fish	< 1
Palygorskite (12174-11-7)	
Bioaccumulative Potential	Not established.
1,2-Benzisothiazol-3(2H)-one (2634-33-5)	
Partition coefficient n-octanol/water (Log Pow)	1.3 (at 25 °C)
Diuron (330-54-1)	
Partition coefficient n-octanol/water (Log Pow)	2.82 (at 20 °C)

12.4. Mobility in Soil

Residual Monomers	
Partition coefficient n-octanol/water (Log Koc)	15

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.

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

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

StoCast Wood Adhesive	
SARA Section 311/312 Hazard Classes	Health hazard - Carcinogenicity

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Limestone (1317-65-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Water (7732-18-5)	
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	
Ammonium hydroxide (1336-21-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
CERCLA RQ	1000 lb
Benzophenone (119-61-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Aluminum hydroxide (Al(OH)3) (21645-51-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Talc (Mg3H2(SiO3)4) (14807-96-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Dolomite (CaMg(CO3)2) (16389-88-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Carbonic acid, magnesium salt (1:1) (546-93-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Ethyl alcohol (64-17-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Aziridine, 2-methyl- (75-55-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Listed on the United States SARA Section 302	
Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	1 lb
SARA Section 302 Threshold Planning Quantity (TPQ)	10000 lb
SARA Section 313 - Emission Reporting	0.1 %
Naphtha, petroleum, hydrotreated heavy (64742-48-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Petroleum distillates, hydrotreated light (64742-47-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)- (77-99-6)	
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	
2-Propanol, 1-(2-butoxy-1-methylethoxy)- (29911-28-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Methanol (67-56-1)	
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 %
2-Propenoic acid, sodium salt (7446-81-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Glass, oxide, chemicals (65997-17-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
2-Amino-2-methyl-1-propanol (124-68-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

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Distillates, petroleum, solvent-dewaxed heavy paraffinic (64742-65-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Aluminum, hydroxybis(octadecanoato-O)- (300-92-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
D-Gluconic acid (526-95-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Cellulose, 2-hydroxyethyl ether (9004-62-0)	
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).
Alcohols, C6-12, ethoxylated (68439-45-2)	
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).
Magnesium oxide (MgO) (1309-48-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
2-Bromo-2-nitro-1,3-propanediol (52-51-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
1,2-Benzisothiazol-3(2H)-one (2634-33-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
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.
Diuron (330-54-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	100 lb
SARA Section 313 - Emission Reporting	1 %
3(2H)-Isothiazolone, 2-octyl- (26530-20-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

15.2. US State Regulations

California Proposition 65

 **WARNING:** This product can expose you to Benzophenone, which is known to the State of California to cause cancer, and Methanol, 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
Quartz (14808-60-7)	X			
Benzophenone (119-61-9)	X			
Aziridine, 2-methyl- (75-55-8)	X			
Titanium dioxide (13463-67-7)	X			
Methanol (67-56-1)		X		
Diuron (330-54-1)	X			

Limestone (1317-65-3)
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
Quartz (14808-60-7)
U.S. - New Jersey - Right to Know Hazardous Substance List

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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).

U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List
Ammonium hydroxide (1336-21-6) 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 U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
Talc (Mg3H2(SiO3)4) (14807-96-6) 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
Carbonic acid, magnesium salt (1:1) (546-93-0) U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Massachusetts - Right To Know List
Ethyl alcohol (64-17-5) 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
Aziridine, 2-methyl- (75-55-8) 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 U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
Titanium dioxide (13463-67-7) 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
Methanol (67-56-1) 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 U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
2-Amino-2-methyl-1-propanol (124-68-5) 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
Magnesium oxide (MgO) (1309-48-4) 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
Diuron (330-54-1) 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 U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

15.3. Canadian Regulations

Limestone (1317-65-3) Listed on the Canadian NDSL (Non-Domestic Substances List)
Water (7732-18-5) Listed on the Canadian DSL (Domestic Substances List)

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Quartz (14808-60-7)
Listed on the Canadian DSL (Domestic Substances List)
Ammonium hydroxide (1336-21-6)
Listed on the Canadian DSL (Domestic Substances List)
Benzophenone (119-61-9)
Listed on the Canadian DSL (Domestic Substances List)
Aluminum hydroxide (Al(OH)3) (21645-51-2)
Listed on the Canadian DSL (Domestic Substances List)
Talc (Mg3H2(SiO3)4) (14807-96-6)
Listed on the Canadian DSL (Domestic Substances List)
Dolomite (CaMg(CO3)2) (16389-88-1)
Listed on the Canadian NDSL (Non-Domestic Substances List)
Carbonic acid, magnesium salt (1:1) (546-93-0)
Listed on the Canadian DSL (Domestic Substances List)
Ethyl alcohol (64-17-5)
Listed on the Canadian DSL (Domestic Substances List)
Aziridine, 2-methyl- (75-55-8)
Listed on the Canadian NDSL (Non-Domestic Substances List)
Naphtha, petroleum, hydrotreated heavy (64742-48-9)
Listed on the Canadian DSL (Domestic Substances List)
Petroleum distillates, hydrotreated light (64742-47-8)
Listed on the Canadian DSL (Domestic Substances List)
1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)- (77-99-6)
Listed on the Canadian DSL (Domestic Substances List)
Titanium dioxide (13463-67-7)
Listed on the Canadian DSL (Domestic Substances List)
2-Propanol, 1-(2-butoxy-1-methylethoxy)- (29911-28-2)
Listed on the Canadian DSL (Domestic Substances List)
Methanol (67-56-1)
Listed on the Canadian DSL (Domestic Substances List)
2-Propenoic acid, sodium salt (7446-81-3)
Listed on the Canadian NDSL (Non-Domestic Substances List)
Glass, oxide, chemicals (65997-17-3)
Listed on the Canadian DSL (Domestic Substances List)
2-Amino-2-methyl-1-propanol (124-68-5)
Listed on the Canadian DSL (Domestic Substances List)
Distillates, petroleum, solvent-dewaxed heavy paraffinic (64742-65-0)
Listed on the Canadian DSL (Domestic Substances List)
Aluminum, hydroxybis(octadecanoato-O)- (300-92-5)
Listed on the Canadian DSL (Domestic Substances List)
D-Gluconic acid (526-95-4)
Listed on the Canadian DSL (Domestic Substances List)
Cellulose, 2-hydroxyethyl ether (9004-62-0)
Listed on the Canadian DSL (Domestic Substances List)
Alcohols, C6-12, ethoxylated (68439-45-2)
Listed on the Canadian DSL (Domestic Substances List)
Magnesium oxide (MgO) (1309-48-4)
Listed on the Canadian DSL (Domestic Substances List)

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2-Bromo-2-nitro-1,3-propanediol (52-51-7)

Listed on the Canadian DSL (Domestic Substances List)

1,2-Benzisothiazol-3(2H)-one (2634-33-5)

Listed on the Canadian DSL (Domestic Substances List)

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

Listed on the Canadian DSL (Domestic Substances List)

Diuron (330-54-1)

Listed on the Canadian DSL (Domestic Substances List)

3(2H)-Isothiazolone, 2-octyl- (26530-20-1)

Listed on the Canadian DSL (Domestic Substances List)

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

Date of Preparation or Latest Revision : 06/03/2021

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. 1 (Dermal)	Acute toxicity (dermal) Category 1
Acute Tox. 2 (Inhalation)	Acute toxicity (inhalation) Category 2
Acute Tox. 2 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 2
Acute Tox. 2 (Oral)	Acute toxicity (oral) Category 2
Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3
Acute Tox. 3 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 3
Acute Tox. 3 (Inhalation:vapor)	Acute toxicity (inhalation:vapor) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
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
Asp. Tox. 1	Aspiration hazard Category 1
Carc. 1A	Carcinogenicity Category 1A
Carc. 1B	Carcinogenicity Category 1B
Carc. 2	Carcinogenicity Category 2
Comb. Dust	Combustible Dust
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 2	Flammable liquids Category 2
Flam. Liq. 4	Flammable liquids Category 4
HHNOC 1	Health hazard not otherwise classified, category 1
Met. Corr. 1	Corrosive to metals Category 1
Muta. 1B	Germ cell mutagenicity Category 1B
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

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Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1A	Skin sensitization, category 1A
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
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, Respiratory tract irritation
H225	Highly flammable liquid and vapor
H227	Combustible liquid
H290	May be corrosive to metals
H300	Fatal if swallowed
H301	Toxic if swallowed
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H310	Fatal in contact with skin
H311	Toxic in contact with skin
H312	Harmful 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
H331	Toxic if inhaled
H335	May cause respiratory irritation
H340	May cause genetic defects
H350	May cause cancer
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child
H370	Causes damage to organs
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause 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)