

 Date Revised:
 03/03/2017

 Date Issued:
 01/05/2017

 Version 1.1

FOR CHEMICAL EMERGENCY

DURING BUSINESS HOURS: (800) 966-3458 | OUTSIDE BUSINESS HOURS: (800) 420-7186

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).

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: Gorilla Sealant White (100% Silicone Sealant)

Intended Use of the Product

Sealant

Name, Address, and Telephone of the Responsible Party

Company

The Gorilla Glue Company 2101 E. Kemper Road Cincinnati, Ohio 45241 513-271-3300

www.gorillatough.com

Emergency Telephone Number

Emergency Number : 1-800-420-7186 (Prosar)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS-US/CA Classification

Skin Irrit. 2 H315 Eye Irrit. 2A H319

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

Label Elements

GHS-US/CA Labeling

Hazard Pictograms (GHS-US/CA)



Signal Word (GHS-US/CA) : Warning

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

H319 - Causes serious eye irritation.

Precautionary Statements (GHS-US/CA): P102: Keep out of reach of children.

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

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

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

contact lenses, if present and easy to do. Continue rinsing.

P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse.

Other Hazards

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

Unknown Acute Toxicity (GHS-US/CA)

No data available

Gorilla Sealant White (100% Silicone Sealant) SDS

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

| Name | Product Identifier | % * | GHS Ingredient Classification |
|---|---------------------|-------|---|
| Silica, amorphous | (CAS No) 7631-86-9 | 7-13 | Acute Tox. 4 (Inhalation:dust,mist), H332 |
| Distillates, petroleum, hydrotreated middle | (CAS No) 64742-46-7 | 7-13 | Acute Tox. 4 (Inhalation:dust,mist), H332 |
| | | | Skin Irrit. 2, H315 |
| | | | STOT RE 2, H373 |
| | | | Asp. Tox. 1, H304 |
| | | | Aquatic Acute 3, H402 |
| | | | Aquatic Chronic 2, H411 |
| Titanium dioxide** | (CAS No) 13463-67-7 | 1-5 | Not Classified |
| Silanetriol, ethyl-, triacetate | (CAS No) 17689-77-9 | 0.1-1 | Acute Tox. 4 (Oral), H302 |
| | | | Skin Corr. 1B, H314 |
| | | | Eye Dam. 1, H318 |
| Silanetriol, methyl-, triacetate | (CAS No) 4253-34-3 | 0.1-1 | Acute Tox. 4 (Oral), H302 |
| | | | Skin Corr. 1C, H314 |
| | | | Eye Dam. 1, H318 |
| Acetic acid | (CAS No) 64-19-7 | < 0.1 | Flam. Liq. 3, H226 |
| | | | Skin Corr. 1A, H314 |
| | | | Eye Dam. 1, H318 |
| | | | Aquatic Acute 3, H402 |
| Acetic anhydride | (CAS No) 108-24-7 | < 0.1 | Flam. Liq. 3, H226 |
| | | | Acute Tox. 4 (Oral), H302 |
| | | | Acute Tox. 4 (Inhalation), H332 |
| | | | Skin Corr. 1B, H314 |
| | | | Eye Dam. 1, H318 |
| | | | STOT SE 3, H335 |
| | | | Aquatic Acute 3, H402 |
| Benzene, 1-[(diiodomethyl)sulfonyl]-4- | (CAS No) 20018-09-1 | < 0.1 | Acute Tox. 3 (Inhalation), H331 |
| methyl- | | | Eye Dam. 1, H318 |
| | | | Aquatic Acute 1, H400 |

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 where possible).

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

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

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

^{*}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%).

^{**} Titanium dioxide is present in the product. However, the product does not present an inhalation hazard. This is because the TiO2 is inextricably bound in the polymeric matrix of the sealant and cannot be inhaled.



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

Most Important Symptoms and Effects Both Acute and Delayed

None Anticipated

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

Extinguishing Media

Suitable Extinguishing Media: Water spray, dry chemical, alcohol-resistant foam, carbon dioxide.

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

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. High temperatures, water, oxidizers, and acids may cause a hazardous reaction. Hazardous reactions may occur on contact with certain chemicals. Refer to incompatible materials.

Advice for Firefighters

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

Firefighting Instructions: Use water spray or fog for cooling exposed containers. Do not breathe fumes from fires or vapors from decomposition.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. **Hazardous Combustion Products:** Thermal decomposition generates: Carbon oxides (CO, CO₂). Nitrogen oxides. Silicon oxides. Hydrocarbons. Acetic acid. Irritating fumes.

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

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

For Non-Emergency Personnel

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

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area. 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.

Environmental Precautions

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

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. Absorb and/or contain spill with inert material.

Take up large spills with pump or vacuum. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

Reference to Other Sections

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



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SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: Repeated or prolonged skin contact may cause dermatitis and defatting.

Precautions for Safe Handling: Do not handle until all safety precautions have been read and understood. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not breathe mist, spray, and vapors. Avoid contact with skin, eyes and clothing. Use appropriate personal protection equipment (PPE).

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

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 and well-ventilated place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Containers which are opened should be properly resealed and kept upright to prevent leakage. Protect from moisture. Store locked up.

Incompatible Materials: Strong acids, strong bases, strong oxidizers. Water. Alcohols. Alkalis. Peroxides. Amines.

Specific End Use(s)

Sealant

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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), Canadian provincial governments, or the Mexican government.

| Silica, amorphous (7631-86 | 5-9) | |
|----------------------------|--------------------------|--|
| USA NIOSH | NIOSH REL (TWA) (mg/m³) | 6 mg/m³ |
| USA IDLH | US IDLH (mg/m³) | 3000 mg/m ³ |
| Yukon | OEL TWA (mg/m³) | 300 particle/mL (as measured by Konimeter |
| | | instrumentation) |
| | | 20 mppcf (as measured by Impinger instrumentation) |
| | | 2 mg/m³ (respirable mass) |
| Acetic acid (64-19-7) | | |
| Mexico | OEL TWA (mg/m³) | 25 mg/m³ |
| Mexico | OEL TWA (ppm) | 10 ppm |
| Mexico | OEL STEL (mg/m³) | 37 mg/m³ |
| Mexico | OEL STEL (ppm) | 15 ppm |
| USA ACGIH | ACGIH TWA (ppm) | 10 ppm |
| USA ACGIH | ACGIH STEL (ppm) | 15 ppm |
| USA OSHA | OSHA PEL (TWA) (mg/m³) | 25 mg/m³ |
| USA OSHA | OSHA PEL (TWA) (ppm) | 10 ppm |
| USA NIOSH | NIOSH REL (TWA) (mg/m³) | 25 mg/m³ |
| USA NIOSH | NIOSH REL (TWA) (ppm) | 10 ppm |
| USA NIOSH | NIOSH REL (STEL) (mg/m³) | 37 mg/m³ |
| USA NIOSH | NIOSH REL (STEL) (ppm) | 15 ppm |
| USA IDLH | US IDLH (ppm) | 50 ppm |
| Alberta | OEL STEL (mg/m³) | 37 mg/m ³ |
| Alberta | OEL STEL (ppm) | 15 ppm |
| Alberta | OEL TWA (mg/m³) | 25 mg/m³ |
| Alberta | OEL TWA (ppm) | 10 ppm |
| British Columbia | OEL STEL (ppm) | 15 ppm |



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| | T | |
|--|-----------------------------|--|
| British Columbia | OEL TWA (ppm) | 10 ppm |
| Manitoba | OEL STEL (ppm) | 15 ppm |
| Manitoba | OEL TWA (ppm) | 10 ppm |
| New Brunswick | OEL STEL (mg/m³) | 37 mg/m³ |
| New Brunswick | OEL STEL (ppm) | 15 ppm |
| New Brunswick | OEL TWA (mg/m³) | 25 mg/m ³ |
| New Brunswick | OEL TWA (ppm) | 10 ppm |
| Newfoundland & Labrador | OEL STEL (ppm) | 15 ppm |
| Newfoundland & Labrador | OEL TWA (ppm) | 10 ppm |
| Nova Scotia | OEL STEL (ppm) | 15 ppm |
| Nova Scotia | OEL TWA (ppm) | 10 ppm |
| Nunavut | OEL STEL (ppm) | 15 ppm |
| Nunavut | OEL TWA (ppm) | 10 ppm |
| Northwest Territories | OEL STEL (ppm) | 15 ppm |
| Northwest Territories | OEL TWA (ppm) | 10 ppm |
| Ontario | OEL STEL (ppm) | 15 ppm |
| Ontario | OEL TWA (ppm) | 10 ppm |
| Prince Edward Island | OEL STEL (ppm) | 15 ppm |
| Prince Edward Island | OEL TWA (ppm) | 10 ppm |
| Québec | VECD (mg/m³) | 37 mg/m³ |
| Québec | VECD (ppm) | 15 ppm |
| Québec | VEMP (mg/m³) | 25 mg/m ³ |
| Québec | VEMP (ppm) | 10 ppm |
| Saskatchewan | OEL STEL (ppm) | 15 ppm |
| Saskatchewan | OEL TWA (ppm) | 10 ppm |
| Yukon | OEL STEL (mg/m³) | 43 mg/m³ |
| Yukon | OEL STEL (ppm) | 25 ppm |
| Yukon | OEL TWA (mg/m³) | 25 mg/m³ |
| Yukon | OEL TWA (ppm) | 10 ppm |
| Acetic anhydride (108-24-7) | | |
| Mexico | OEL TWA (mg/m³) | 20 mg/m³ |
| Mexico | OEL TWA (ppm) | 5 ppm |
| USA ACGIH | ACGIH TWA (ppm) | 1 ppm |
| USA ACGIH | ACGIH STEL (ppm) | 3 ppm |
| USA ACGIH | ACGIH chemical category | Not Classifiable as a Human Carcinogen |
| USA OSHA | OSHA PEL (TWA) (mg/m³) | 20 mg/m³ |
| USA OSHA | OSHA PEL (TWA) (ppm) | 5 ppm |
| USA NIOSH | NIOSH REL (ceiling) (mg/m³) | 20 mg/m ³ |
| USA NIOSH | NIOSH REL (ceiling) (ppm) | 5 ppm |
| USA IDLH | US IDLH (ppm) | 200 ppm |
| Alberta | OEL Ceiling (mg/m³) | 21 mg/m³ |
| Alberta | OEL Ceiling (ppm) | 5 ppm |
| British Columbia | OEL STEL (ppm) | 3 ppm |
| British Columbia | OEL TWA (ppm) | 1 ppm |
| Manitoba | OEL STEL (ppm) | 3 ppm |
| Manitoba | OEL TWA (ppm) | 1 ppm |
| Gorilla Sealant White (100% Silicone Sea | I+\ CDC | Page 5 of 13 |



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| New Brunswick OEL TWA (ppm) 5 ppm Newfoundland & Labrador OEL STEL (ppm) 3 ppm Nova Scotia OEL TWA (ppm) 1 ppm Nova Scotia OEL TWA (ppm) 1 ppm Nunavut OEL STEL (ppm) 10 ppm Nunavut OEL STEL (ppm) 10 ppm Northwest Territories OEL TWA (ppm) 5 ppm Northwest Territories OEL TWA (ppm) 5 ppm Ontario OEL STEL (ppm) 3 ppm Ontario OEL STEL (ppm) 3 ppm Prince Edward Island OEL TWA (ppm) 1 ppm Prince Edward Island OEL TWA (ppm) 1 ppm Québec VEMP (mg/m³) 21 mg/m³ Québec VEMP (mg/m³) 21 mg/m³ Saskatchewan OEL STEL (ppm) 5 ppm Saskatchewan OEL STEL (ppm) 5 ppm Saskatchewan OEL Ceiling (mg/m³) 20 mg/m³ Yukon OEL Ceiling (ppm) 5 ppm Titanium dioxide (13463-67-7) The company of t | New Brunswick | OEL TWA (mg/m³) | 21 mg/m³ |
|---|-----------------------------|-------------------------|--|
| Newfoundland & Labrador OEL STEL (ppm) 1 ppm 1 ppm Nova Scotia OEL STEL (ppm) 1 ppm 1 | | | |
| Newfoundland & Labrador OEL TWA (ppm) 1 ppm 3 | | , , | |
| Nova Scotia OEL STEL (ppm) 1 ppm Nova Scotia OEL TWA (ppm) 1 ppm Nunavut OEL STEL (ppm) 10 ppm Northwest Territories OEL TWA (ppm) 5 ppm Northwest Territories OEL TWA (ppm) 5 ppm Ontario OEL STEL (ppm) 3 ppm Ontario OEL STEL (ppm) 3 ppm Ortario OEL STEL (ppm) 3 ppm Prince Edward Island OEL TWA (ppm) 1 ppm Prince Edward Island OEL TWA (ppm) 1 ppm Québec VEMP (mg/m²) 21 mg/m² Québec VEMP (ppm) 5 ppm Saskatchewan OEL TWA (ppm) 5 ppm Yukon OEL Celling (mg/m²) 20 mg/m² Yukon OEL Celling (mg/m²) 20 mg/m² Yukon OEL Celling (mg/m²) 10 mg/m² USA ACGIH ACGIH (mg/m²) 10 mg/m² USA ACGIH ACGIH (mg/m²) 10 mg/m² USA OSHA OSHA PEL (TMA) (mg/m²) 10 mg/m² USA OSHA OSHA PEL (TMA) (mg/ | | ,,,, | |
| Nova Scotia | | , , | |
| Nunavut OEL STEL (ppm) 10 ppm Nunavut OEL TWA (ppm) 5 ppm Northwest Territories OEL STEL (ppm) 10 ppm Northwest Territories OEL TWA (ppm) 5 ppm Ontario OEL TWA (ppm) 1 ppm Ontario OEL TWA (ppm) 1 ppm Prince Edward Island OEL TWA (ppm) 1 ppm Québec VEMP (mg/m²) 21 mg/m² Québec VEMP (ppm) 5 ppm Saskatchewan OEL STEL (ppm) 10 ppm Saskatchewan OEL STEL (ppm) 5 ppm Yukon OEL Celling (mg/m²) 20 mg/m² Yukon OEL Celling (mg/m²) 20 mg/m² Wexico OEL TWA (mg/m²) 10 mg/m² USA ACGIH ACGIH TWA (mg/m²) 10 mg/m² USA ACGIH ACGIH TWA (mg/m²) 10 mg/m² USA OSHA OSHA PEL (TWA) (mg/m²) 15 mg/m² (total dust) USA DILH U SIDLH (mg/m²) 10 mg/m² British Columbia OEL TWA (mg/m²) 10 mg/m² OEL TWA (mg/m²) | | | |
| Nunavut | | , , | |
| Northwest Territories OEL STEL (ppm) 10 ppm Northwest Territories OEL TWA (ppm) 5 ppm Ontario OEL STEL (ppm) 3 ppm Ontario OEL TWA (ppm) 1 ppm Prince Edward Island OEL TWA (ppm) 1 ppm Québec VEMP (mg/m²) 2 1 mg/m³ Québec VEMP (ppm) 5 ppm Saskatchewan OEL TWA (ppm) 5 ppm Saskatchewan OEL TWA (ppm) 5 ppm Saskatchewan OEL Ceiling (mg/m³) 20 mg/m³ Yukon OEL Ceiling (mg/m³) 20 mg/m³ Yukon OEL Ceiling (mg/m³) 10 mg/m³ Mexico OEL TWA (mg/m³) 10 mg/m³ Mexico OEL STEL (mg/m³) 20 mg/m³ USA AGGIH ACGIH TWA (mg/m³) 10 mg/m³ USA OSHA ACGIH TWA (mg/m³) 10 mg/m³ USA OSHA OSHA PEL (TWA) (mg/m³) 15 mg/m² (total dust) USA OSHA OSHA PEL (TWA) (mg/m³) 10 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ Br | | | |
| Northwest Territories | | ,,,, | |
| Ontario OEL STEL (ppm) 3 ppm Ontario OEL TWA (ppm) 1 ppm Prince Edward Island OEL TWA (ppm) 1 ppm Québec VEMP (mg/m³) 21 mg/m³ Québec VEMP (mg/m³) 3 ppm Saskatchewan OEL STEL (ppm) 5 ppm Saskatchewan OEL TWA (ppm) 5 ppm Saskatchewan OEL Celling (mg/m³) 20 mg/m³ Yukon OEL Celling (mg/m³) 20 mg/m³ Yukon OEL Celling (ppm) 5 ppm Titanium dioxide (13463-67-7) TWA (mg/m³) 10 mg/m³ Mexico OEL TWA (mg/m³) 20 mg/m³ USA ACGIH ACGIH TWA (mg/m³) 10 mg/m³ USA ACGIH ACGIH chemical category Not classifiable as a Human Carcinogen USA OSHA OSHA PEL (TWA) (mg/m³) 15 mg/m³ (total dust) USA OSHA OSHA PEL (TWA) (mg/m³) 10 mg/m³ Alberta OEL TWA (mg/m³) 10 mg/m³ (total dust) USA DILH US IDLH (mg/m³) 10 mg/m³ (total dust) Wew Brunswick OEL TWA (mg/m³) | Northwest Territories | OEL STEL (ppm) | 10 ppm |
| Ontario OEL TWA (ppm) 1 ppm Prince Edward Island OEL STEL (ppm) 3 ppm Prince Edward Island OEL STEL (ppm) 1 ppm Québec VEMP (ppm) 5 ppm Saskatchewan OEL STEL (ppm) 10 ppm Saskatchewan OEL STEL (ppm) 5 ppm Yukon OEL Ceiling (mg/m³) 20 mg/m³ Yukon OEL Ceiling (ppm) 5 ppm Titanium dioxide (13463-67-7) Titanium dioxide (13463-67-7) Mexico OEL TWA (mg/m³) 20 mg/m³ USA ACGIH ACGIH TWA (mg/m³) 10 mg/m³ USA ACGIH ACGIH TWA (mg/m³) 10 mg/m³ USA OSHA OSHA PEL (TWA) (mg/m³) 10 mg/m³ USA IDLH US IDLH (mg/m³) 5000 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ New Brunswick OEL TWA (mg/m³) 10 mg/m³ New Brunswick OEL TWA (mg/m³) 10 mg/m³ | Northwest Territories | | |
| Prince Edward Island OEL TWA (ppm) 3 ppm Prince Edward Island OEL TWA (ppm) 1 ppm Québec VEMP (ppm) 21 mg/m³ Québec VEMP (ppm) 5 ppm Saskatchewan OEL STEL (ppm) 10 ppm Saskatchewan OEL TWA (ppm) 5 ppm Yukon OEL Ceiling (mg/m³) 20 mg/m³ Yukon OEL Ceiling (ppm) 5 ppm Tittanium dioxide (13463-67-7) Tittanium dioxide (13463-67-7) Mexico OEL TWA (mg/m³) 10 mg/m³ USA ACGIH ACGIH TWA (mg/m³) 10 mg/m³ USA ACGIH ACGIH Homical category Not Classifiable as a Human Carcinogen USA OSHA OSHA PEL (TWA) (mg/m³) 15 mg/m³ (total dust) USA DIDH US IDLH (mg/m³) 5000 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ Manitoba OEL TWA (mg/m³) 10 mg/m³ New Brunswick OEL TWA (mg/m³) 10 mg/m³ New Brunswick OEL TWA (mg/m³) <th< th=""><th>Ontario</th><th>OEL STEL (ppm)</th><th>3 ppm</th></th<> | Ontario | OEL STEL (ppm) | 3 ppm |
| Prince Edward Island OEL TWA (ppm) 1 ppm Québec VEMP (mg/m²) 21 mg/m³ Québec VEMP (ppm) 5 ppm Saskatchewan OEL TWA (ppm) 10 ppm Saskatchewan OEL TWA (ppm) 5 ppm Yukon OEL Ceiling (mg/m³) 20 mg/m³ Yukon OEL Ceiling (ppm) 5 ppm Titanium dioxide (13463-67-7) Tomg/m³ Mexico OEL TWA (mg/m³) 10 mg/m³ Mexico OEL TWA (mg/m³) 20 mg/m³ USA ACGIH ACGIH TWA (mg/m³) 10 mg/m³ USA OSHA ACGIH chemical category Not Classifiable as a Human Carcinogen USA OSHA OSHA PEL (TWA) (mg/m³) 15 mg/m³ (total dust) USA ODH US IDLH (mg/m³) 10 mg/m³ Alberta OEL TWA (mg/m³) 10 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ (respirable fraction) Manitoba OEL TWA (mg/m³) 10 mg/m³ New Foundland & Labrador OEL TWA (mg/m³) 10 mg/m³ New Foundland & Labrador OEL TWA (mg/m³) <td< th=""><th>Ontario</th><th>OEL TWA (ppm)</th><th>1 ppm</th></td<> | Ontario | OEL TWA (ppm) | 1 ppm |
| Québec VEMP (ppm) 5 ppm Saskatchewan OEL STEL (ppm) 10 ppm Saskatchewan OEL STEL (ppm) 5 ppm Saskatchewan OEL TWA (ppm) 5 ppm Yukon OEL Ceiling (mg/m³) 20 mg/m³ Yukon OEL Ceiling (ppm) 5 ppm Tittanium dioxide (13463-67-7) Tittanium dioxide (13463-67-7) Mexico OEL STEL (mg/m³) 20 mg/m³ USA ACGIH ACGIH TWA (mg/m³) 10 mg/m³ USA ACGIH ACGIH Chemical category Not Classifiable as a Human Carcinogen USA ACGIH ACGIH (mg/m³) 15 mg/m³ (total dust) USA DILH US IDLH (mg/m³) 15 mg/m³ (total dust) USA IDLH US IDLH (mg/m³) 10 mg/m³ Alberta OEL TWA (mg/m³) 10 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ (total dust) Manitoba OEL TWA (mg/m³) 10 mg/m³ New Brunswick OEL TWA (mg/m³) 10 mg/m³ New Foundland & Labrador OEL TWA (mg/m³) 10 mg/m³ Nora Scotia OEL STEL (mg/m²)< | Prince Edward Island | OEL STEL (ppm) | 3 ppm |
| Québec VEMP (ppm) 5 ppm Saskatchewan OEL STEL (ppm) 10 ppm Saskatchewan OEL TWA (ppm) 5 ppm Yukon OEL Ceiling (mg/m³) 20 mg/m³ Yukon OEL Ceiling (ppm) 5 ppm Titanium dioxide (13463-67-7) Mexico OEL TWA (mg/m³) 10 mg/m³ Mexico OEL STEL (mg/m²) 20 mg/m³ USA ACGIH ACGIH TWA (mg/m³) 10 mg/m³ USA ACGIH ACGIH chemical category Not Classifiable as a Human Carcinogen USA OSHA OSHAPEL (TWA) (mg/m³) 15 mg/m³ (total dust) USA OSHA OSHAPEL (TWA) (mg/m³) 10 mg/m³ (total dust) British Columbia OEL TWA (mg/m³) 10 mg/m³ (total dust) British Columbia OEL TWA (mg/m³) 10 mg/m³ (total dust) Manitoba OEL TWA (mg/m³) 10 mg/m³ (total dust) Mew Brunswick OEL TWA (mg/m³) 10 mg/m³ New Brunswick OEL TWA (mg/m³) 10 mg/m³ New Good and Stabador OEL TWA (mg/m³) 10 mg/m³ Nora Scotia OEL TW | Prince Edward Island | OEL TWA (ppm) | • • • |
| Saskatchewan OEL TWA (ppm) 10 ppm Saskatchewan OEL TWA (ppm) 5 ppm Yukon OEL Ceiling (mg/m³) 20 mg/m³ Yukon OEL Ceiling (ppm) 5 ppm Titanium dioxide (13463-67-7) Mexico OEL TWA (mg/m³) 10 mg/m³ Mexico OEL STEL (mg/m³) 20 mg/m³ USA ACGIH ACGIH TWA (mg/m³) 10 mg/m³ USA ACGIH ACGIH TWA (mg/m³) 15 mg/m³ (total dust) USA OSHA OSHA PEL (TWA) (mg/m³) 15 mg/m³ (total dust) USA IDLH US IDLH (mg/m³) 5000 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ (respirable fraction) Manitoba OEL TWA (mg/m³) 10 mg/m³ New Brunswick OEL TWA (mg/m³) 10 mg/m³ New Foundland & Labrador OEL TWA (mg/m³) 10 mg/m³ Nova Scotia OEL TWA (mg/m³) 10 mg/m³ Nordmoutland & Labrador OEL TWA (mg/m³) 10 mg/m³ Nordmoutland & Labrador OEL STEL (mg/m³) | Québec | | 21 mg/m ³ |
| Saskatchewan OEL TWA (ppm) 5 ppm Yukon OEL Ceiling (mg/m³) 20 mg/m³ Yukon OEL Ceiling (ppm) 5 ppm Tittanium dioxide (13463-67-7) Description Mexico OEL TWA (mg/m³) 10 mg/m³ Mexico OEL STEL (mg/m³) 20 mg/m³ USA ACGIH ACGIH TWA (mg/m³) 10 mg/m³ USA ACGIH ACGIH chemical category Not Classifiable as a Human Carcinogen USA OSHA OSHA PEL (TWA) (mg/m³) 15 mg/m³ (total dust) USA OSHA OSHA PEL (TWA) (mg/m³) 5000 mg/m³ USA IDLH US IDLH (mg/m³) 10 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ New Brunswick OEL TWA (mg/m³) 10 mg/m³ New Brunswick OEL TWA (mg/m³) 10 mg/m³ New Foundland & Labrador OEL TWA (mg/m³) 10 mg/m³ New Foundland & Labrador OEL TWA (mg/m³) 10 mg/m³ Nova Scotia OEL TWA (mg/m³) 10 mg/m³ Nunavut OEL TWA (| Québec | VEMP (ppm) | 5 ppm |
| Yukon OEL Ceiling (mg/m³) 20 mg/m³ Yukon OEL Ceiling (ppm) 5 ppm Titanium dioxide (13463-67-7) Wexico OEL TWA (mg/m³) 10 mg/m³ Mexico OEL STEL (mg/m³) 20 mg/m³ USA ACGIH ACGIH TWA (mg/m³) 10 mg/m³ USA OSHA OSHA PEL (TWA) (mg/m³) 15 mg/m³ (total dust) USA OSHA OSHA PEL (TWA) (mg/m³) 5000 mg/m³ USA IDLH US IDLH (mg/m³) 5000 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ (total dust) Manitoba OEL TWA (mg/m³) 10 mg/m³ New Brunswick OEL TWA (mg/m³) 10 mg/m³ New Brunswick OEL TWA (mg/m³) 10 mg/m³ Newfoundland & Labrador OEL TWA (mg/m³) 10 mg/m³ Newfoundland & Cabrador OEL TWA (mg/m³) 10 mg/m³ Noraccia OEL TWA (mg/m³) 10 mg/m³ Nunavut OEL STEL (mg/m³) 20 mg/m³ Northwest Territories OEL STEL (mg/m³) 10 mg/m³ | Saskatchewan | OEL STEL (ppm) | 10 ppm |
| Yukon OEL Ceiling (ppm) 5 ppm Titanium dioxide (13463-67-7) Titanium dioxide (13463-67-7) Mexico OEL TWA (mg/m³) 10 mg/m³ Mexico OEL STEL (mg/m³) 20 mg/m³ USA ACGIH ACGIH TWA (mg/m³) 10 mg/m³ USA ACGIH ACGIH chemical category Not Classifiable as a Human Carcinogen USA OSHA OSHA PEL (TWA) (mg/m³) 15 mg/m³ (total dust) USA IDLH US IDLH (mg/m³) 5000 mg/m³ Alberta OEL TWA (mg/m³) 10 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ (total dust) British Columbia OEL TWA (mg/m³) 10 mg/m³ Manitoba OEL TWA (mg/m³) 10 mg/m³ New Furunswick OEL TWA (mg/m³) 10 mg/m³ New Foundland & Labrador OEL TWA (mg/m³) 10 mg/m³ Nova Scotia OEL TWA (mg/m³) 10 mg/m³ Nunavut OEL TWA (mg/m³) 10 mg/m³ Nunavut OEL TWA (mg/m³) 20 mg/m³ Northwest Territories OEL TWA (mg/m³) 10 mg/m³ Northwest Territories OEL TWA (mg/m³) 10 mg/m³ Ontario OEL TWA (mg/m³) 10 mg/m³ Prince Edward Island OEL TWA (mg/m³) 10 mg/m³ Québec VEM | Saskatchewan | OEL TWA (ppm) | 5 ppm |
| Titanium dioxide (13463-67-7) Mexico OEL TWA (mg/m³) 10 mg/m³ Mexico OEL STEL (mg/m²) 20 mg/m³ Mexico OEL STEL (mg/m²) 20 mg/m³ USA ACGIH ACGIH TWA (mg/m³) 10 mg/m³ USA ACGIH ACGIH chemical category Not Classifiable as a Human Carcinogen USA OSHA OSHA PEL (TWA) (mg/m³) 15 mg/m³ (total dust) USA DILH US IDLH (mg/m³) 5000 mg/m³ Alberta OEL TWA (mg/m³) 10 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ Manitoba OEL TWA (mg/m³) 10 mg/m³ New Foundland & Labrador OEL TWA (mg/m³) 10 mg/m³ Newfoundland & Labrador OEL TWA (mg/m³) 10 mg/m³ Nova Scotia OEL TWA (mg/m³) 10 mg/m³ Nunavut OEL STEL (mg/m³) 20 mg/m³ Nunavut OEL STEL (mg/m³) 20 mg/m³ Northwest Territories OEL TWA (mg/m³) 10 mg/m³ Ontario OEL TWA (mg/m³) 10 mg/m³ | Yukon | OEL Ceiling (mg/m³) | 20 mg/m³ |
| Mexico OEL TWA (mg/m³) 10 mg/m³ Mexico OEL STEL (mg/m³) 20 mg/m³ USA ACGIH ACGIH TWA (mg/m³) 10 mg/m³ USA ACGIH ACGIH chemical category Not Classifiable as a Human Carcinogen USA OSHA OSHA PEL (TWA) (mg/m³) 15 mg/m³ (total dust) USA IDLH US IDLH (mg/m³) 5000 mg/m³ Alberta OEL TWA (mg/m³) 10 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ (total dust) British Columbia OEL TWA (mg/m³) 10 mg/m³ New Brunswick OEL TWA (mg/m³) 10 mg/m³ New Brunswick OEL TWA (mg/m³) 10 mg/m³ Newfoundland & Labrador OEL TWA (mg/m³) 10 mg/m³ Nova Scotia OEL TWA (mg/m³) 10 mg/m³ Nunavut OEL STEL (mg/m³) 20 mg/m³ Nunavut OEL STEL (mg/m³) 20 mg/m³ Northwest Territories OEL TWA (mg/m²) 10 mg/m³ Ontario OEL TWA (mg/m³) 10 mg/m³ Ortic Edward Island OEL TWA (mg/m³) 10 mg/m³ Ougébec <th>Yukon</th> <th>OEL Ceiling (ppm)</th> <th>5 ppm</th> | Yukon | OEL Ceiling (ppm) | 5 ppm |
| Mexico OEL STEL (mg/m³) 20 mg/m³ USA ACGIH ACGIH TWA (mg/m³) 10 mg/m³ USA ACGIH ACGIH chemical category Not Classifiable as a Human Carcinogen USA OSHA OSHA PEL (TWA) (mg/m³) 15 mg/m³ (total dust) USA IDLH US IDLH (mg/m³) 5000 mg/m³ Alberta OEL TWA (mg/m³) 10 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ (total dust) British Columbia OEL TWA (mg/m³) 10 mg/m³ New Brunswick OEL TWA (mg/m³) 10 mg/m³ Newfoundland & Labrador OEL TWA (mg/m³) 10 mg/m³ Nova Scotia OEL TWA (mg/m³) 10 mg/m³ Nunavut OEL TWA (mg/m³) 20 mg/m³ Nunavut OEL STEL (mg/m³) 20 mg/m³ Northwest Territories OEL STEL (mg/m³) 20 mg/m³ Northwest Territories OEL TWA (mg/m³) 10 mg/m³ Ontario OEL TWA (mg/m³) 10 mg/m³ Prince Edward Island OEL TWA (mg/m³) 10 mg/m³ Québec VEMP (mg/m³) 20 mg/m³ Saskatchewan OEL STEL (mg/m³) 20 mg/m³ Yukon OEL STEL (mg/m³) 20 mg/m³ | Titanium dioxide (13463-67- | 7) | |
| USA ACGIH ACGIH TWA (mg/m³) 10 mg/m³ USA ACGIH ACGIH chemical category Not Classifiable as a Human Carcinogen USA OSHA OSHA PEL (TWA) (mg/m³) 15 mg/m³ (total dust) USA IDLH US IDLH (mg/m³) 5000 mg/m³ Alberta OEL TWA (mg/m³) 10 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ (total dust) British Columbia OEL TWA (mg/m³) 10 mg/m³ New Brunswick OEL TWA (mg/m³) 10 mg/m³ New Brunswick OEL TWA (mg/m³) 10 mg/m³ Newfoundland & Labrador OEL TWA (mg/m³) 10 mg/m³ Nunavut OEL TWA (mg/m³) 20 mg/m³ Nunavut OEL TWA (mg/m³) 20 mg/m³ Nunavut OEL TWA (mg/m³) 10 mg/m³ Northwest Territories OEL STEL (mg/m³) 20 mg/m³ Northwest Territories OEL TWA (mg/m³) 10 mg/m³ Ontario OEL TWA (mg/m³) 10 mg/m³ Prince Edward Island OEL TWA (mg/m³) 10 mg/m³ Québec VEMP (mg/m³) 20 mg/m³ Saskatchewan OEL STEL (mg/m³) 20 mg/m³ Yukon OEL STEL (mg/m³) 20 mg/m³ | Mexico | OEL TWA (mg/m³) | 10 mg/m³ |
| USA ACGIH ACGIH chemical category Not Classifiable as a Human Carcinogen USA OSHA OSHA PEL (TWA) (mg/m³) 15 mg/m³ (total dust) USA IDLH US IDLH (mg/m³) 5000 mg/m³ Alberta OEL TWA (mg/m³) 10 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ (total dust) Manitoba OEL TWA (mg/m³) 10 mg/m³ New Brunswick OEL TWA (mg/m³) 10 mg/m³ Newfoundland & Labrador OEL TWA (mg/m³) 10 mg/m³ Nova Scotia OEL TWA (mg/m³) 10 mg/m³ Nunavut OEL STEL (mg/m³) 20 mg/m³ Nunavut OEL TWA (mg/m³) 10 mg/m³ Northwest Territories OEL TWA (mg/m³) 10 mg/m³ Northwest Territories OEL TWA (mg/m³) 10 mg/m³ Ontario OEL TWA (mg/m³) 10 mg/m³ Prince Edward Island OEL TWA (mg/m³) 10 mg/m³ Québec VEMP (mg/m³) 10 mg/m³ Saskatchewan OEL STEL (mg/m³) 20 mg/m³ Saskatchewan OEL TWA (mg/m³) 10 mg/m³ Yukon OEL STEL (mg/m³) 20 mg/m³ | Mexico | OEL STEL (mg/m³) | 20 mg/m³ |
| USA OSHA OSHA PEL (TWA) (mg/m³) 15 mg/m³ (total dust) USA IDLH US IDLH (mg/m³) 5000 mg/m³ Alberta OEL TWA (mg/m³) 10 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ (total dust) British Columbia OEL TWA (mg/m³) 10 mg/m³ (tespirable fraction) Manitoba OEL TWA (mg/m³) 10 mg/m³ New Brunswick OEL TWA (mg/m³) 10 mg/m³ Newfoundland & Labrador OEL TWA (mg/m³) 10 mg/m³ Nova Scotia OEL TWA (mg/m³) 10 mg/m³ Nunavut OEL STEL (mg/m³) 20 mg/m³ Nunavut OEL STEL (mg/m³) 20 mg/m³ Northwest Territories OEL STEL (mg/m³) 10 mg/m³ Northwest Territories OEL TWA (mg/m³) 10 mg/m³ Ontario OEL TWA (mg/m³) 10 mg/m³ Prince Edward Island OEL TWA (mg/m³) 10 mg/m³ Québec VEMP (mg/m³) 20 mg/m³ Saskatchewan OEL STEL (mg/m³) 20 mg/m³ Yukon OEL STEL (mg/m³) 20 mg/m³ | USA ACGIH | ACGIH TWA (mg/m³) | 10 mg/m³ |
| USA IDLH US IDLH (mg/m³) 5000 mg/m³ Alberta OEL TWA (mg/m³) 10 mg/m³ British Columbia OEL TWA (mg/m³) 10 mg/m³ (total dust) British Columbia OEL TWA (mg/m³) 10 mg/m³ (total dust) Manitoba OEL TWA (mg/m³) 10 mg/m³ New Brunswick OEL TWA (mg/m³) 10 mg/m³ Newfoundland & Labrador OEL TWA (mg/m³) 10 mg/m³ Nova Scotia OEL TWA (mg/m³) 10 mg/m³ Nunavut OEL STEL (mg/m³) 20 mg/m³ Nunavut OEL STEL (mg/m³) 10 mg/m³ Northwest Territories OEL STEL (mg/m³) 20 mg/m³ Northwest Territories OEL TWA (mg/m³) 10 mg/m³ Ontario OEL TWA (mg/m³) 10 mg/m³ Prince Edward Island OEL TWA (mg/m³) 10 mg/m³ Québec VEMP (mg/m³) 10 mg/m³ (containing no Asbestos and <1% Crystalline silica-total dust) | USA ACGIH | ACGIH chemical category | Not Classifiable as a Human Carcinogen |
| AlbertaOEL TWA (mg/m³)10 mg/m³British ColumbiaOEL TWA (mg/m³)10 mg/m³ (total dust) 3 mg/m³ (respirable fraction)ManitobaOEL TWA (mg/m³)10 mg/m³New BrunswickOEL TWA (mg/m³)10 mg/m³Newfoundland & LabradorOEL TWA (mg/m³)10 mg/m³Nova ScotiaOEL TWA (mg/m³)10 mg/m³NunavutOEL STEL (mg/m³)20 mg/m³NunavutOEL TWA (mg/m³)10 mg/m³Northwest TerritoriesOEL STEL (mg/m³)20 mg/m³Northwest TerritoriesOEL TWA (mg/m³)10 mg/m³OntarioOEL TWA (mg/m³)10 mg/m³Prince Edward IslandOEL TWA (mg/m³)10 mg/m³QuébecVEMP (mg/m³)10 mg/m³SaskatchewanOEL STEL (mg/m³)20 mg/m³SaskatchewanOEL TWA (mg/m³)10 mg/m³YukonOEL STEL (mg/m³)20 mg/m³ | USA OSHA | OSHA PEL (TWA) (mg/m³) | 15 mg/m³ (total dust) |
| British Columbia OEL TWA (mg/m³) 10 mg/m³ (total dust) 3 mg/m³ (respirable fraction) Manitoba OEL TWA (mg/m³) 10 mg/m³ 10 mg/m³ New Brunswick OEL TWA (mg/m³) 10 mg/m³ Nowa Scotia OEL TWA (mg/m³) Nova Scotia OEL TWA (mg/m³) Nunavut OEL STEL (mg/m³) Northwest Territories OEL TWA (mg/m³) Ontario OEL TWA (mg/m³) Prince Edward Island OEL TWA (mg/m³) Ouébec VEMP (mg/m³) 10 mg/m³ 10 mg/m³ 10 mg/m³ 10 mg/m³ Containing no Asbestos and <1% Crystalline silica-total dust) Saskatchewan OEL TWA (mg/m³) OBL STEL (mg/m³) | USA IDLH | US IDLH (mg/m³) | 5000 mg/m ³ |
| Manitoba OEL TWA (mg/m³) 10 mg/m³ New Brunswick OEL TWA (mg/m³) 10 mg/m³ Newfoundland & Labrador OEL TWA (mg/m³) 10 mg/m³ Nova Scotia OEL TWA (mg/m³) 10 mg/m³ Nunavut OEL STEL (mg/m³) 20 mg/m³ Nunavut OEL TWA (mg/m³) 10 mg/m³ Northwest Territories OEL STEL (mg/m³) 20 mg/m³ Northwest Territories OEL TWA (mg/m³) 10 mg/m³ Ontario OEL TWA (mg/m³) 10 mg/m³ Prince Edward Island OEL TWA (mg/m³) 10 mg/m³ Québec VEMP (mg/m³) 10 mg/m³ (containing no Asbestos and <1% Crystalline silica-total dust) | Alberta | OEL TWA (mg/m³) | 10 mg/m³ |
| Manitoba OEL TWA (mg/m³) 10 mg/m³ New Brunswick OEL TWA (mg/m³) 10 mg/m³ Newfoundland & Labrador OEL TWA (mg/m³) 10 mg/m³ Nova Scotia OEL TWA (mg/m³) 10 mg/m³ Nunavut OEL STEL (mg/m³) 20 mg/m³ Nunavut OEL TWA (mg/m³) 10 mg/m³ Northwest Territories OEL STEL (mg/m³) 20 mg/m³ Northwest Territories OEL TWA (mg/m³) 10 mg/m³ Ontario OEL TWA (mg/m³) 10 mg/m³ Prince Edward Island OEL TWA (mg/m³) 10 mg/m³ Québec VEMP (mg/m³) 10 mg/m³ (containing no Asbestos and <1% Crystalline silica-total dust) | British Columbia | OEL TWA (mg/m³) | <u> </u> |
| New Brunswick OEL TWA (mg/m³) 10 mg/m³ Newfoundland & Labrador OEL TWA (mg/m³) 10 mg/m³ Nova Scotia OEL TWA (mg/m³) 10 mg/m³ Nunavut OEL STEL (mg/m³) 20 mg/m³ Nunavut OEL TWA (mg/m³) 10 mg/m³ Northwest Territories OEL STEL (mg/m³) 20 mg/m³ Northwest Territories OEL TWA (mg/m³) 10 mg/m³ Ontario OEL TWA (mg/m³) 10 mg/m³ Prince Edward Island OEL TWA (mg/m³) 10 mg/m³ Québec VEMP (mg/m³) 10 mg/m³ (containing no Asbestos and <1% Crystalline silica-total dust) | | | |
| Newfoundland & Labrador OEL TWA (mg/m³) 10 mg/m³ Nova Scotia OEL TWA (mg/m³) 10 mg/m³ Nunavut OEL STEL (mg/m³) 20 mg/m³ Nunavut OEL TWA (mg/m³) 10 mg/m³ Northwest Territories OEL STEL (mg/m³) 20 mg/m³ Northwest Territories OEL TWA (mg/m³) 10 mg/m³ Ontario OEL TWA (mg/m³) 10 mg/m³ Prince Edward Island OEL TWA (mg/m³) 10 mg/m³ Québec VEMP (mg/m³) 10 mg/m³ (containing no Asbestos and <1% Crystalline silica-total dust) | Manitoba | | |
| Nova Scotia OEL TWA (mg/m³) 10 mg/m³ Nunavut OEL STEL (mg/m³) 20 mg/m³ Nunavut OEL TWA (mg/m³) 10 mg/m³ Northwest Territories OEL STEL (mg/m³) 20 mg/m³ Northwest Territories OEL TWA (mg/m³) 10 mg/m³ Ontario OEL TWA (mg/m³) 10 mg/m³ Prince Edward Island OEL TWA (mg/m³) 10 mg/m³ Québec VEMP (mg/m³) 10 mg/m³ (containing no Asbestos and <1% Crystalline silica-total dust) | | <u> </u> | |
| NunavutOEL STEL (mg/m³)20 mg/m³NunavutOEL TWA (mg/m³)10 mg/m³Northwest TerritoriesOEL STEL (mg/m³)20 mg/m³Northwest TerritoriesOEL TWA (mg/m³)10 mg/m³OntarioOEL TWA (mg/m³)10 mg/m³Prince Edward IslandOEL TWA (mg/m³)10 mg/m³QuébecVEMP (mg/m³)10 mg/m³ (containing no Asbestos and <1% Crystalline silica-total dust) | Newfoundland & Labrador | , o, | |
| NunavutOEL TWA (mg/m³)10 mg/m³Northwest TerritoriesOEL STEL (mg/m³)20 mg/m³Northwest TerritoriesOEL TWA (mg/m³)10 mg/m³OntarioOEL TWA (mg/m³)10 mg/m³Prince Edward IslandOEL TWA (mg/m³)10 mg/m³QuébecVEMP (mg/m³)10 mg/m³ (containing no Asbestos and <1% Crystalline silica-total dust) | Nova Scotia | OEL TWA (mg/m³) | 10 mg/m ³ |
| Northwest Territories OEL STEL (mg/m³) 20 mg/m³ Northwest Territories OEL TWA (mg/m³) 10 mg/m³ Ontario OEL TWA (mg/m³) 10 mg/m³ Prince Edward Island OEL TWA (mg/m³) 10 mg/m³ Québec VEMP (mg/m³) 10 mg/m³ (containing no Asbestos and <1% Crystalline silica-total dust) | Nunavut | | |
| Northwest Territories OEL TWA (mg/m³) 10 mg/m³ Ontario OEL TWA (mg/m³) 10 mg/m³ Prince Edward Island OEL TWA (mg/m³) 10 mg/m³ Québec VEMP (mg/m³) 10 mg/m³ (containing no Asbestos and <1% Crystalline silica-total dust) | Nunavut | , • , | |
| Ontario OEL TWA (mg/m³) 10 mg/m³ Prince Edward Island OEL TWA (mg/m³) 10 mg/m³ Québec VEMP (mg/m³) 10 mg/m³ (containing no Asbestos and <1% Crystalline silica-total dust) | Northwest Territories | | |
| Prince Edward Island OEL TWA (mg/m³) 10 mg/m³ Québec VEMP (mg/m³) 10 mg/m³ (containing no Asbestos and <1% Crystalline silica-total dust) Saskatchewan OEL STEL (mg/m³) 20 mg/m³ Saskatchewan OEL TWA (mg/m³) 10 mg/m³ Yukon OEL STEL (mg/m³) 20 mg/m³ | Northwest Territories | | - |
| Québec VEMP (mg/m³) 10 mg/m³ (containing no Asbestos and <1% Crystalline silica-total dust) | | ν ο. , | |
| Saskatchewan OEL STEL (mg/m³) 20 mg/m³ Saskatchewan OEL TWA (mg/m³) 10 mg/m³ Yukon OEL STEL (mg/m³) 20 mg/m³ | | | |
| Saskatchewan OEL STEL (mg/m³) 20 mg/m³ Saskatchewan OEL TWA (mg/m³) 10 mg/m³ Yukon OEL STEL (mg/m³) 20 mg/m³ | Québec | VEMP (mg/m³) | |
| Saskatchewan OEL TWA (mg/m³) 10 mg/m³ Yukon OEL STEL (mg/m³) 20 mg/m³ | | | · |
| Yukon OEL STEL (mg/m³) 20 mg/m³ | | | |
| | | <u> </u> | |
| Yukon OEL TWA (mg/m³) 30 mppcf | | , <u>o</u> , , | |
| | Yukon | OEL TWA (mg/m³) | 30 mppcf |



Date Revised: 03/03/2017 **Date Issued:** 01/05/2017

FOR CHEMICAL EMERGENCY

DURING BUSINESS HOURS: (800) 966-3458 | OUTSIDE BUSINESS HOURS: (800) 420-7186

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).

10 mg/m³

Exposure Controls

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

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.









Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves. **Eye Protection:** Chemical safety goggles.

Skin and Body Protection: Wear suitable protective clothing.

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

Not available

Not available

Environmental Exposure Controls: Avoid release to the environment.

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| Information on Basic Physical and Chemical Properties | | | |
|---|---|---------------|--|
| Physical State | : | Paste | |
| Appearance | : | White | |
| Odor | : | Acetic acid | |
| Odor Threshold | : | Not available | |
| рН | : | Not available | |
| Evaporation Rate | : | Not available | |
| Melting Point | : | Not available | |
| Freezing Point | : | Not available | |
| Boiling Point | : | Not available | |
| Flash Point | : | Not available | |
| 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 | : | 1.007 | |
| Solubility | : | Not available | |

Viscosity

Partition Coefficient: N-Octanol/Water



Date Revised: 03/03/2017 **Date Issued:** 01/05/2017

FOR CHEMICAL EMERGENCY

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SECTION 10: STABILITY AND REACTIVITY

<u>Reactivity</u>: Hazardous reactions will not occur under normal conditions. High temperatures, water, oxidizers, and acids may cause a hazardous reaction. Hazardous reactions may occur on contact with certain chemicals. Refer to incompatible materials.

Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

<u>Possibility of Hazardous Reactions</u>: Hazardous polymerization will not occur.

<u>Conditions to Avoid</u>: Direct sunlight, extremely high or low temperatures, and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers. Water. Alcohols. Alkalis. Peroxides. Amines.

<u>Hazardous Decomposition Products</u>: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

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

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Causes skin irritation.

Eye Damage/Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified.

Classified based on the conditions cited in Nota N (Regulation (EC) 1272/2008, Annex VI, Part 3, Note N)

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

| Silica, amorphous (7631-86-9) | |
|--|---------------------------------|
| LD50 Oral Rat | > 5000 mg/kg |
| LD50 Dermal Rabbit | > 2000 mg/kg |
| LC50 Inhalation Rat | > 2.2 mg/l (Exposure time: 1 h) |
| ATE US/CA (dust, mist) | 1.50 mg/l/4h |
| Distillates, petroleum, hydrotreated middle (64742-46-7) | |
| LD50 Oral Rat | 7400 mg/kg |
| LD50 Dermal Rabbit | > 2000 mg/kg |
| LC50 Inhalation Rat | 4.6 mg/l/4h |
| Acetic acid (64-19-7) | |
| LD50 Oral Rat | 3310 mg/kg |
| Acetic anhydride (108-24-7) | |
| LD50 Oral Rat | 630 mg/kg |
| LD50 Dermal Rabbit | 4000 mg/kg |
| LC50 Inhalation Rat | 4.167 mg/l/4h |
| LC50 Inhalation Rat | 1000 ppm/4h |
| ATE US/CA (dust, mist) | 1.50 mg/l/4h |



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FOR CHEMICAL EMERGENCY

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| Silanetriol, ethyl-, triacetate (17689-77-9) | | |
|--|---|--|
| LD50 Oral Rat | 1460 mg/kg | |
| Silanetriol, methyl-, triacetate (4253-34-3) | | |
| LD50 Oral Rat | 1437 - 1780 mg/kg | |
| Benzene, 1-[(diiodomethyl)sulfonyl]-4-methyl- (20018-09-1) | | |
| LD50 Dermal Rat | > 2000 mg/kg | |
| ATE US/CA (gas) | 700.00 ppmV/4h | |
| ATE US/CA (vapors) | 3.00 mg/l/4h | |
| ATE US/CA (dust, mist) | 0.50 mg/l/4h | |
| Titanium dioxide (13463-67-7) | | |
| LD50 Oral Rat | > 10000 mg/kg | |
| Silica, amorphous (7631-86-9) | | |
| IARC Group | 3 | |
| Titanium dioxide (13463-67-7) | | |
| IARC Group | 2B | |
| OSHA Hazard Communication Carcinogen List | In OSHA Hazard Communication Carcinogen list. | |

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

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

| Silica, amorphous (7631-86-9) | | |
|--|--|--|
| LC50 Fish 1 | 5000 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static]) | |
| EC50 Daphnia 1 | 7600 mg/l (Exposure time: 48 h - Species: Ceriodaphnia dubia) | |
| Distillates, petroleum, hydrotreated mid | ldle (64742-46-7) | |
| LC50 Fish 1 | 35 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) | |
| LC50 Fish 2 | 10000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) | |
| Acetic acid (64-19-7) | | |
| LC50 Fish 1 | 79 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) | |
| EC50 Daphnia 1 | 65 mg/l (Exposure time: 48 h - Species: Daphnia magna [static]) | |
| LC50 Fish 2 | 75 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) | |
| Acetic anhydride (108-24-7) | | |
| LC50 Fish 1 | > 1000 mg/l (Exposure time: 96hr - Species: Oncorhynchus mykiss [semi-static]) | |
| EC50 Daphnia 1 | 55 mg/l | |
| Benzene, 1-[(diiodomethyl)sulfonyl]-4-methyl- (20018-09-1) | | |
| LC50 Fish 1 | 0.13 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) | |
| Daveistance and Daguadahilitus | | |

Persistence and Degradability

| Gorilla Sealant White (100% Silicone Sea | alant) |
|--|---|
| Persistence and Degradability | May cause long-term adverse effects in the environment. |

Bioaccumulative Potential

| Gorilla Sealant White (100% Silicone Sealant) | |
|---|-------------------------------|
| Bioaccumulative Potential | Not established. |
| Silica, amorphous (7631-86-9) | |
| BCF Fish 1 | (no bioaccumulation expected) |



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| Acetic acid (64-19-7) | |
|--|------------------|
| Log Pow | -0.31 (at 20 °C) |
| Acetic anhydride (108-24-7) | |
| Log Pow | -0.27 |
| Silanetriol, methyl-, triacetate (4253-34-3) | |
| Log Pow | 0.25 KowWin |

Mobility in Soil Not available

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

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

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

SECTION 14: TRANSPORT INFORMATION

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

In Accordance with DOTNot regulated for transportIn Accordance with IMDGNot regulated for transportIn Accordance with IATANot regulated for transportIn Accordance with TDGNot regulated for transport

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

| Silanetriol, ethyl-, triacetate (17689-77-9) | | |
|---|--|--|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | | |
| Silanetriol, methyl-, triacetate (4253-34-3) | | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | | |
| Benzene, 1-[(diiodomethyl)sulfonyl]-4-methyl- (20018-09-1) | | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | | |
| | | |

Titanium dioxide (13463-67-7)



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

US State Regulations

| Titanium | diovide | (13463-67-7) |
|-------------|---------|--------------|
| IIIaiiiuiii | uluxiue | 113403-07-71 |

U.S. - California - Proposition 65 - Carcinogens List

WARNING: This product contains chemicals known to the State of

California to cause cancer.

Silica, amorphous (7631-86-9)

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

Acetic acid (64-19-7)

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

Acetic anhydride (108-24-7)

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

Titanium dioxide (13463-67-7)

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

Canadian Regulations

Silica, amorphous (7631-86-9)

Listed on the Canadian DSL (Domestic Substances List)

Distillates, petroleum, hydrotreated middle (64742-46-7)

Listed on the Canadian DSL (Domestic Substances List)

Acetic acid (64-19-7)

Listed on the Canadian DSL (Domestic Substances List)

Acetic anhydride (108-24-7)

Listed on the Canadian DSL (Domestic Substances List)

Silanetriol, ethyl-, triacetate (17689-77-9)

Listed on the Canadian DSL (Domestic Substances List)

Silanetriol, methyl-, triacetate (4253-34-3)

Listed on the Canadian DSL (Domestic Substances List)

Benzene, 1-[(diiodomethyl)sulfonyl]-4-methyl- (20018-09-1)

Listed on the Canadian DSL (Domestic Substances List)

Titanium dioxide (13463-67-7)

Listed on the Canadian DSL (Domestic Substances List)

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

Revision Date : 03/03/2017



Date Revised: 03/03/2017 **Date Issued:** 01/05/2017

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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).

GHS Full Text Phrases:

| Acute Tox. 3 (Inhalation) | Acute toxicity (inhalation) Category 3 | |
|-------------------------------------|---|--|
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhalation) Category 4 | |
| Acute Tox. 4 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) 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 3 | Hazardous to the aquatic environment - Acute Hazard Category 3 | |
| 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 | |
| Eye Dam. 1 | Serious eye damage/eye irritation Category 1 | |
| Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A | |
| Flam. Liq. 3 | Flammable liquids Category 3 | |
| Skin Corr. 1A | Skin corrosion/irritation Category 1A | |
| Skin Corr. 1B | Skin corrosion/irritation Category 1B | |
| Skin Corr. 1C | Skin corrosion/irritation Category 1C | |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 | |
| STOT RE 2 | Specific target organ toxicity (repeated exposure) Category 2 | |
| STOT SE 3 | Specific target organ toxicity (single exposure) Category 3 | |
| H226 | Flammable liquid and vapor | |
| H302 | Harmful if swallowed | |
| H304 | May be fatal if swallowed and enters airways | |
| H314 | Causes severe skin burns and eye damage | |
| H315 | Causes skin irritation | |
| H318 | Causes serious eye damage | |
| H319 | Causes serious eye irritation | |
| H331 | Toxic if inhaled | |
| H332 | Harmful if inhaled | |
| H335 | May cause respiratory irritation | |
| H373 | May cause damage to organs through prolonged or repeated exposure | |
| H400 | Very toxic to aquatic life | |
| H402 | Harmful to aquatic life | |
| H411 | Toxic to aquatic life with long lasting effects | |
| H412 | Harmful to aquatic life with long lasting effects | |
| | · | |



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The information presented in this Safety Data Sheet was prepared by qualified personnel and to the best of our knowledge is true and accurate. The information and recommendations are furnished for this product with the understanding that the purchaser will independently determine the suitability of the product for this purpose. This data does not constitute a warranty, expressed or implied, statutory or otherwise, nor is it representation for which The Gorilla Glue Company assumes legal responsibility. The data is submitted for the user's information and consideration only. Any use of this product must be determined by the user to be in accordance with applicable federal, state, provincial and local laws and regulations.

Gorilla Glue NA GHS SDS 2015