



C A M B R I A[®]

Cambria Quartz Surface

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 (January 4, 2023).

Date of Issue: 01/17/2024

Version: 2.1

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: Cambria Quartz Surface

Synonyms: Natural Quartz Slabs, Natural Quartz Surface, Quartz Surface Product, Quartz Stone, Engineered Stone

1.2. Intended Use of the Product

Cambria is a natural quartz surface product for use in residential and commercial applications including countertops, vanities, wall cladding, flooring, wet bars and etc.

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

Company

Cambria Company LLC

805 Enterprise Drive East

Belle Plaine MN 56011

1-866-Cambria (226-2742)

1.4. Emergency Telephone Number

Emergency Number : 866-226-2742

SECTION 2: HAZARDS IDENTIFICATION

This product is not hazardous in its finished/shipped form or as installed in a home or business. Dust derived from the fabrication processes (e.g., cutting, sanding, grinding, chipping, drilling, polishing, or altering the slabs in any way) may release significant amounts of respirable (airborne) crystalline silica dust. Dangerous concentrations of respirable dust may not be visible as a dust cloud. Respirable crystalline silica dust is hazardous and unprotected workers performing any steps of the fabrication process without proper dust mitigation controls may be exposed to a significant amount of dust. This SDS is representative of exposure to respirable crystalline silica and other component dust and from the fabrication process/further processing of this product.

2.1. Classification of the Substance or Mixture

GHS-US/CA Classification

Skin Sens 1 H317

Carc. 1A H350

STOT RE 1 H372

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)

: H317 – May cause an allergic skin reaction.
H350 - May cause cancer (inhalation).
H372 - Causes damage to organs (lungs) through prolonged or repeated exposure (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.
P260 - Do not breathe dust, fume.
P264 – Wash thoroughly after handling.
P272 – Contaminated clothing must not be allowed out of the workplace.
P280 - Wear protective gloves, protective clothing, and eye protection.
P302+P352 If on skin: Wash with plenty of soap and water.
P333+P313 If skin irritation or rash occurs: Get medical attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

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P308+P313 - If exposed or concerned: Get medical advice/attention.

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

2.3. Other Hazards

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

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

Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture: These products are composed of inorganic minerals that include crystalline silica (quartz and cristobalite), ceramic particles, polymers, metal powders, pigments, and additives. Certain products may contain titanium dioxide (0-5.0%), copper (0-2.0%) and/or nickel (0-0.5%). The Product composition varies based on the specific product.

Name	Synonyms	Product Identifier	% *	GHS Ingredient Classification
Quartz	Quartz (SiO ₂) / Silica, crystalline, quartz / Crystalline silica, quartz / Silica, quartz / Silica, crystalline / Cristobalite	(CAS-No.) 14808-60-7 (CAS-No.) 14464-46-1	> 87	Carc. 1A, H350 STOT RE 1, H372
Silicon	Silicon powder / Silicon powder, amorphous	(CAS-No.) 7440-21-3	< 3	Comb. Dust
Titanium dioxide	C.I. 77891 / C.I. Pigment White 6 / Titanium oxide (TiO ₂) / CI 77891 / Titanium (IV) oxide / C.I. Pigment White 7 / Pigment White 6 / Titanium dioxide nanoparticles / TITANIUM DIOXIDE / Titanium oxide	(CAS-No.) 13463-67-7	< 5	Carc, 2, H351
Copper (in some Alloy Collection products)		(CAS-No.) 7440-50-8	< 2	Not classified as hazardous
Nickel (in some Alloy Collection products)		(CAS-No.) 7440-02-0	< 0.5	Carc, 2, H351 STOT RE, 1, H372 Skin Sens, 1, H317

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.

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

Skin Contact: For particulates and dust: Remove contaminated clothing. Wash affected areas with soap and water. If exposed or concerned: Get medical advice/attention.

Eye Contact: For particulates and dust: 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: For particulates and dust: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: Processing this material may release dust that is hazardous. Dust may cause mechanical irritation to eyes, nose, throat, and lungs. May cause cancer (inhalation). Causes damage to organs (lungs) through prolonged or repeated exposure (inhalation). May cause an allergic skin reaction.

Inhalation: Dust may cause respiratory irritation. May cause cancer by inhalation. Repeated exposure to respirable (airborne) crystalline silica dust will cause lung damage in the form of silicosis.

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Skin Contact: Skin contact with large amounts of dust may cause mechanical irritation. Prolonged or repeated skin contact with nickel dust may cause an allergic skin reaction.

Eye Contact: Eye contact with dust may cause mechanical irritation.

Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May cause cancer (inhalation). Causes damage to organs (lungs) through prolonged or repeated exposure (inhalation). Dry sawing or grinding of crystalline silica containing stone products will result in the release of respirable crystalline silica. Prolonged exposure to respirable crystalline silica may cause delayed (chronic) lung injury (silicosis). Acute or rapidly developing silicosis may occur in a short period of time in heavy exposure. Silicosis is a form of disabling pulmonary fibrosis which can be progressive and may lead to death. 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.

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

If exposed to or concerned about exposure to respirable crystalline silica, seek medical advice and attention. If medical advice is needed, have product SDS or label at hand. If skin rash develops, seek medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Since neither the product nor dust generated are combustible, use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: None.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Product is not flammable.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Follow appropriate precautions for other materials in the area of the fire.

Firefighting Instructions: None related to this product.

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

Hazardous Combustion Products: None.

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

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.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Vacuum clean-up is preferred. If sweeping is required use a dust suppressant. Vacuum must be fitted with HEPA filter to prevent release of particulates during clean-up. 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.

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SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Cutting, crushing or grinding crystalline silica-bearing materials may release respirable crystalline silica, a known carcinogen and titanium dioxide and/or nickel dust, suspected carcinogens. Use all appropriate measures of dust control, local exhaust ventilation, suppression with wet-cutting, and personal protective equipment. Refer to the OSHA Respirable Crystalline Silica Standard, 1910.1053 for requirements for exposure controls, protective equipment and medical surveillance (29CFR1910.1053). See <https://www.osha.gov/silica-crystalline/general-industry-maritime>. In California refer to the Emergency Temporary Standard on Respirable Crystalline Silica for General Industry (5204) section. See <https://www.dir.ca.gov/dosh/respiratory-silica-FAQ.html#ets>. Do not dry cut, grind, polish or otherwise fabricate Cambria Quartz Surface.

Precautions for Safe Handling: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust. Avoid contact with eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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: Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Secure properly when placing slabs in racks or A-frames

Incompatible Materials: Hydrofluoric acid.

7.3. Specific End Use(s)

Designed for indoor use as countertop, work top, etc.

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.

Quartz (14808-60-7)		
USA ACGIH	ACGIH TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
USA ACGIH	ACGIH chemical category	A2 - Suspected Human Carcinogen
USA OSHA/ CAL OSHA	OSHA PEL (TWA) (mg/m ³)	50 µg/m ³
USA OSHA/CAL OSHA	OSHA Action Level	25 µg/m ³
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	0.05 mg/m ³ (respirable dust)
USA IDLH	US IDLH (mg/m ³)	50 mg/m ³ (respirable dust)
Alberta	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate)
British Columbia	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable)
Manitoba	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
New Brunswick	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
Newfoundland & Labrador	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
Nova Scotia	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
Nunavut	OEL TWA (mg/m ³)	0.05 mg/m ³ (respirable fraction)
Northwest Territories	OEL TWA (mg/m ³)	0.05 mg/m ³ (respirable fraction)
Ontario	OEL TWA (mg/m ³)	0.1 mg/m ³ (respirable)
Prince Edward Island	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
Québec	VEMP (mg/m ³)	0.1 mg/m ³ (respirable dust)
Saskatchewan	OEL TWA (mg/m ³)	0.05 mg/m ³ (respirable fraction)
Yukon	OEL TWA (mg/m ³)	300 particle/mL
Mexico	NOM-010-STPS-2014	0.025 mg/ m ³ (respirable dust)

Cristobalite (14464-46-1)		
USA ACGIH	ACGIH TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
USA ACGIH	ACGIH chemical category	A2 - Suspected Human Carcinogen
USA OSHA	OSHA PEL (TWA) (mg/m ³)	50 µg/m ³

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USA NIOSH	NIOSH REL (TWA) (mg/m ³)	0.05 mg/m ³ (respirable dust)
USA IDLH	US IDLH (mg/m ³)	25 mg/m ³ (respirable dust)
Alberta	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate)
British Columbia	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable)
Manitoba	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
New Brunswick	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
Newfoundland & Labrador	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
Nova Scotia	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
Nunavut	OEL TWA (mg/m ³)	0.05 mg/m ³ (respirable fraction)
Northwest Territories	OEL TWA (mg/m ³)	0.05 mg/m ³ (respirable fraction)
Ontario	OEL TWA (mg/m ³)	0.05 mg/m ³ (respirable)
Prince Edward Island	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
Québec	VEMP (mg/m ³)	0.05 mg/m ³ (respirable dust)
Saskatchewan	OEL TWA (mg/m ³)	0.05 mg/m ³ (respirable fraction)
Yukon	OEL TWA (mg/m ³)	150 particle/mL
Mexico	NOM-010-STPS-2014	0.025 mg/ m ³ (respirable dust)
Silicon (7440-21-3) (as particulates not otherwise classified)		
USA OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	-
British Columbia	OEL TWA (mg/m ³)	10 mg/m ³ (total dust)
New Brunswick	OEL TWA (mg/m ³)	-
Nunavut	OEL STEL (mg/m ³)	20 mg/m ³ (inhalable); 6 mg/m ³ (respirable)
Nunavut	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable); 3 mg/m ³ (respirable)
Northwest Territories	OEL STEL (mg/m ³)	20 mg/m ³ (inhalable); 6 mg/m ³ (respirable)
Northwest Territories	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable); 3 mg/m ³ (respirable)
Québec	VEMP (mg/m ³)	10 mg/m ³ (containing no Asbestos and <1% Crystalline silica-total dust)
Saskatchewan	OEL STEL (mg/m ³)	20 mg/m ³ (inhalable); 6 mg/m ³ (respirable)
Saskatchewan	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable); 3 mg/m ³ (respirable)
Yukon	OEL STEL (mg/m ³)	20 mg/m ³
Yukon	OEL TWA (mg/m ³)	30 mppcf 10 mg/m ³
Mexico	NOM-010-STPS-2014	10 mg/m ³ (total dust) 3 mg/m ³ (respirable dust)
Titanium dioxide (13463-67-7)		
USA ACGIH	ACGIH TWA (mg/m ³)	2.5 mg/m ³ (respirable finescale particles)
USA ACGIH	ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
USA OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³ (total dust)
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	2.4 mg/m ³ (CIB 63-fine) 0.3 mg/m ³ (CIB 63-ultrafine, including engineered nanoscale)
USA IDLH	US IDLH (mg/m ³)	5000 mg/m ³
Alberta	OEL TWA (mg/m ³)	10 mg/m ³
British Columbia	OEL TWA (mg/m ³)	-
Manitoba	OEL TWA (mg/m ³)	2.5 mg/m ³ (respirable finescale particles)
New Brunswick	OEL TWA (mg/m ³)	10 mg/m ³
Newfoundland & Labrador	OEL TWA (mg/m ³)	2.5 mg/m ³ (respirable finescale particles)
Nova Scotia	OEL TWA (mg/m ³)	2.5 mg/m ³ (respirable finescale particles)
Nunavut	OEL STEL (mg/m ³)	20 mg/m ³
Nunavut	OEL TWA (mg/m ³)	10 mg/m ³

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Northwest Territories	OEL STEL (mg/m ³)	20 mg/m ³
Northwest Territories	OEL TWA (mg/m ³)	10 mg/m ³
Ontario	OEL TWA (mg/m ³)	10 mg/m ³
Prince Edward Island	OEL TWA (mg/m ³)	2.5 mg/m ³ (respirable finescale particles)
Québec	VEMP (mg/m ³)	10 mg/m ³ (containing no Asbestos and <1% Crystalline silica-total dust)
Saskatchewan	OEL STEL (mg/m ³)	20 mg/m ³
Saskatchewan	OEL TWA (mg/m ³)	10 mg/m ³
Yukon	OEL STEL (mg/m ³)	20 mg/m ³
Yukon	OEL TWA (mg/m ³)	10 mg/m ³
Mexico	NOM-010-STPS-2014	10 mg/m ³ (total dust)

Copper (7440-50-8)		
USA ACGIH	ACGIH TWA (mg/m ³)	0.2 mg/m ³ (as fume)
USA ACGIH	ACGIH chemical category	-
USA OSHA	OSHA PEL (TWA) (mg/m ³)	0.1 mg/m ³ (as fume)
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	0.1 mg/m ³ (as fume)
USA IDLH	US IDLH (mg/m ³)	100 mg/m ³ (as fume)
Alberta	OEL TWA (mg/m ³)	1 mg/m ³ (as dust)
British Columbia	OEL TWA (mg/m ³)	1 mg/m ³ (as dust)
Manitoba	OEL TWA (mg/m ³)	0.2 mg/m ³ (as fume)
New Brunswick	OEL TWA (mg/m ³)	1 mg/m ³ (as dust)
Newfoundland & Labrador	OEL TWA (mg/m ³)	0.2 mg/m ³ (as fume)
Nova Scotia	OEL TWA (mg/m ³)	0.2 mg/m ³ (as fume)
Nunavut	OEL TWA (mg/m ³)	1 mg/m ³ (as dust)
Nunavut	OEL STEL (mg/m ³)	3 mg/m ³ (as dust)
Northwest Territories	OEL TWA (mg/m ³)	1 mg/m ³ (as dust)
Northwest Territories	OEL STEL (mg/m ³)	3 mg/m ³ (as dust)
Ontario	OEL TWA (mg/m ³)	1 mg/m ³
Prince Edward Island	OEL TWA (mg/m ³)	0.2 mg/m ³ (as fume)
Québec	VEMP (mg/m ³)	0.1 mg/m ³
Saskatchewan	OEL TWA (mg/m ³)	1 mg/m ³
Saskatchewan	OEL STEL (mg/m ³)	3 mg/m ³
Yukon	OEL TWA (mg/m ³)	1 mg/m ³
Yukon	OEL STEL (mg/m ³)	2 mg/m ³
Mexico	NOM-010-STPS-2014	1 mg/ m ³

Nickel (7440-02-0)		
USA ACGIH	ACGIH TWA (mg/m ³)	1.5 mg/m ³ (inhalable)
USA ACGIH	ACGIH chemical category	A5 – Not Suspected Human Carcinogen
USA OSHA	OSHA PEL (TWA) (mg/m ³)	1 mg/m ³
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	0.015 mg/m ³ (respirable dust)
USA IDLH	US IDLH (mg/m ³)	10 mg/m ³
Alberta	OEL TWA (mg/m ³)	1.5 mg/m ³
British Columbia	OEL TWA (mg/m ³)	0.05 mg/m ³
Manitoba	OEL TWA (mg/m ³)	1.5 mg/m ³ (inhalable)
New Brunswick	OEL TWA (mg/m ³)	1.5 mg/m ³ (inhalable)
Newfoundland & Labrador	OEL TWA (mg/m ³)	1.5 mg/m ³ (inhalable)
Nova Scotia	OEL TWA (mg/m ³)	1.5 mg/m ³ (inhalable)
Nunavut	OEL TWA (mg/m ³)	1.5 mg/m ³ (inhalable fraction)
Nunavut	OEL STEL (mg/m ³)	3 mg/m ³ (inhalable fraction)
Northwest Territories	OEL TWA (mg/m ³)	1.5 mg/m ³ (inhalable fraction)
Northwest Territories	OEL STEL (mg/m ³)	3 mg/m ³ (inhalable fraction)

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Ontario	OEL TWA (mg/m ³)	1 mg/m ³ (inhalable)
Prince Edward Island	OEL TWA (mg/m ³)	1.5 mg/m ³ (inhalable)
Québec	VEMP (mg/m ³)	1.5 mg/m ³ (inhalable)
Saskatchewan	OEL TWA (mg/m ³)	1.5 mg/m ³ (inhalable fraction)
Saskatchewan	OEL STEL (mg/m ³)	3 mg/m ³ (inhalable fraction)
Yukon	OEL TWA (mg/m ³)	1 mg/ m ³
Yukon	OEL STEL (mg/m ³)	3 mg/ m ³
Mexico	NOM-010-STPS-2014	1.5 mg/ m ³ (inhalable)

8.2. Exposure Controls

Appropriate Engineering Controls: If product needs to be altered, use wet processing techniques, dust extraction equipment, or local ventilation to maintain the ambient workplace atmosphere to that below the applicable exposure limits listed above. Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure all national/local regulations are observed.

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



Hand Protection: Wear protective gloves.

Eye and Face Protection: The following applies to the product if it is cut, sanded or altered in such a way that excessive and/or significant particulates and/or dusts may be generated: Safety glasses with side shields or goggles.

Skin and Body Protection: Wear suitable protective clothing. Wash contaminated clothing before reuse.

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Solid
Appearance	: Various-colored stone surface
Odor	: Odorless
Odor Threshold	: No data available
pH	: Not applicable
Evaporation Rate	: Not applicable
Melting Point	: Not applicable
Freezing Point	: Not applicable
Boiling Point	: Not applicable
Flash Point	: No data available
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: Not applicable
Lower Flammable Limit	: Not applicable
Upper Flammable Limit	: Not applicable
Vapor Pressure	: Not applicable
Relative Vapor Density at 20°C	: Not applicable
Density	: 2.2–2.5 g/cm ³
Specific Gravity (Relative Density)	: No data available
Solubility	: Insoluble
Partition Coefficient: N-Octanol/Water	: No data available

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Kinematic Viscosity	: Not applicable
Particle Characteristics	: No data 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:** None known.
- 10.5. **Incompatible Materials:** Hydrofluoric acid.
- 10.6. **Hazardous Decomposition Products:** None expected under normal conditions of use.

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: Components are not acutely toxic.

Skin Corrosion/Irritation: Not classified

Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: Some products contain nickel, which is a skin sensitizer.

Germ Cell Mutagenicity: Not classified

Carcinogenicity: May cause cancer (inhalation). Respirable crystalline silica is classified by IARC, NTP and OSHA as a known human carcinogen. Respirable titanium dioxide is classified by IARC as a suspected carcinogen (group 2B). Nickel metal is classified by IARC as a suspected carcinogen (group 2B) and by NTP as reasonably anticipated to be a human carcinogen.

Specific Target Organ Toxicity (Repeated Exposure): Causes damage to organs (lungs) through prolonged or repeated exposure (inhalation). Exposure to respirable crystalline silica is suspected to damage the kidneys and immune system.

Reproductive Toxicity: Not classified

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

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Dust may cause respiratory irritation. May cause cancer by inhalation. Repeated exposure to respirable (airborne) crystalline silica dust will cause lung damage in the form of silicosis.

Symptoms/Injuries After Skin Contact: Skin contact with large amounts of dust may cause mechanical irritation. May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: Eye contact with dust may cause mechanical irritation.

Symptoms/Injuries After Ingestion: Ingestion is not known to cause adverse effects.

Chronic Symptoms: May cause cancer. Causes damage to organs (lungs) through prolonged or repeated exposure (inhalation). Dry sawing or grinding of crystalline silica containing stone products will result in the release of respirable crystalline silica. Prolonged exposure to respirable crystalline silica may cause delayed (chronic) lung injury (silicosis). Acute or rapidly developing silicosis may occur in a short period of time in heavy exposure. Silicosis is a form of disabling pulmonary fibrosis which can be progressive and may lead to death. 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.

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
Silicon (7440-21-3)	
LD50 Oral Rat	3160 mg/kg
Titanium dioxide (13463-67-7)	
LD50 Oral Rat	> 10000 mg/kg
Quartz (14808-60-7) and Cristobalite (14464-46-1)	
IARC Group	1

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National Toxicology Program (NTP) Status	Known Human Carcinogens.
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
Titanium dioxide (13463-67-7)	
IARC Group	2B
OSHA Hazard Communication Carcinogen List	Not listed
Nickel (7440-02-0)	
IARC Group	2B
NTP Classification	Reasonable Anticipated to be a Human Carcinogen
OSHA Hazard Communication Carcinogen List	Not listed

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Not classified.

12.2. Persistence and Degradability

Cambria	
Persistence and Degradability	Not established.

12.3. Bioaccumulative Potential

Cambria	
Bioaccumulative Potential	Not established.

12.4. **Mobility in Soil** Not available

12.5. **Other Adverse Effects** Not available

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.

Additional Information: Crystalline silica dust collection containers may remain hazardous when empty. Continue to observe all precautions.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

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

14.1. **In Accordance with DOT** Not regulated for transport

14.2. **In Accordance with IMDG** Not regulated for transport

14.3. **In Accordance with IATA** Not regulated for transport

14.4. **In Accordance with TDG** Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

Cambria	
SARA Section 311/312 Hazard Classes	Refer to Section 2 for the OSHA Hazard Classification
Quartz (14808-60-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Silicon (7440-21-3)	
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	
Copper (7440-50-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Nickel (7440-02-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

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15.2. US State Regulations

California Proposition 65



WARNING: This product can expose you to chemicals including Silica, crystalline (airborne particles of respirable size), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Chemical Name (CAS No.)	Carcinogenicity	Developmental Toxicity	Female Reproductive Toxicity	Male Reproductive Toxicity
Quartz (14808-60-7)	X			
Quartz (14464-46-1)	X			
Titanium dioxide (13463-67-7)	X			
Nickel (7440-02-0)	X			

15.3. Canadian Regulations

Quartz (14808-60-7)

Listed on the Canadian DSL (Domestic Substances List)

Silicon (7440-21-3)

Listed on the Canadian DSL (Domestic Substances List)

Titanium dioxide (13463-67-7)

Listed on the Canadian DSL (Domestic Substances List)

Copper (7440-50-8)

Listed on the Canadian DSL (Domestic Substances List)

Nickel (7440-02-0)

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 : 1/17/2024

Revision

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

GHS Full Text Phrases:

Carc. 1A	Carcinogenicity Category 1A
Carc. 2	Carcinogen Category 2
Comb. Dust	Combustible Dust
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
Skin Sens 1	Skin Sensitization Category 1
H317	May cause an allergic skin reaction.
H350	May cause cancer
H351	Suspected of causing cancer.
H372	Causes damage to organs through prolonged or repeated exposure

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.