# SAFETY DATA SHEET

## 1. Identification

**Product identifier** **Paper Faced Gypsum Panels**

**Product list**

Product List A
ToughRock® Veneer Plaster Base (Blueboard)
ToughRock® Flexroc® Gypsum Board
ToughRock® Mold-Guard™ Gypsum Board
ToughRock® Basement Board® Gypsum Board
ToughRock® Sound Deadening Gypsum Board
ToughRock® Stretch 54® Gypsum Board
ToughRock® Soffit Board
..... ..... .....
Product List B
ToughRock® Gypsum Board
..... ..... .....
Product List C
ToughRock® Span 24® Lite-Weight Ceiling Board
ToughRock® Stretch 54® Lite-Weight Gypsum Board
ToughRock® Lite-Weight Gypsum Board
ToughRock® MH Ceiling Board
ToughRock® Fireguard X® Gypsum Board
Toughrock® Fireguard 45® Gypsum Board
..... ..... .....
Product List D
ToughRock® Gypsum Sheathing
ToughRock® Span 24® Ceiling Board
ToughRock® Fireguard X® Gypsum Sheathing
ToughRock® Fireguard X® Stretch 54® Gypsum Board
ToughRock® Fireguard X® Mold-Guard™ Abuse-Resistant Gypsum
ToughRock® Fireguard X® Veneer Plaster Board
ToughRock® Fireguard X® Mold-Guard™ Gypsum Board
Toughrock® Fireguard X® Mold-Guard™ Max-Abuse Gypsum Board
Toughrock® Fireguard X® Mold-Guard™ Max-Impact Gypsum Board
..... ..... .....
Product List E
ToughRock® Shaftliner
ToughRock® Fireguard C® Soffit Board
ToughRock® Fireguard C® Stretch 54® Gypsum Board
..... ..... .....
Product List F
ToughRock® Fireguard C® Gypsum Board
ToughRock® Lite-Weight Veneer Plaster Base
..... ..... .....
Product List G
ToughRock® Lite-Weight Fire-Rated Gypsum Board

**Other means of identification**

**Product code** GP-71A

**Recommended use** Products accommodate wide range of wall, floor and ceiling applications and soffit treatments.

**Recommended restrictions** Workers (and your customers or users in the case of resale) should be informed of the potential presence of respirable dust and respirable crystalline silica as well as their potential hazards. Appropriate training in the proper use and handling of this material should be provided as required under applicable regulations.

**Manufacturer/Importer/Supplier/Distributor information**

| | |
|---|---|
| **Company name** | Georgia-Pacific Canada LP |
| **Address** | 133 Peachtree Street, NE<br>Atlanta, GA 30303 |
| **Telephone** | Technical Information: 800.225.6119<br>(M)SDS Request: 404.652.5119 |
| **E-mail** | MSDSREQ@GAPAC.com |
| **Emergency phone number** | Chemtrec - Emergency: 800.424.9300 |

## 2. Hazard identification

**Emergency overview** Cutting, sanding, or otherwise working with this product may generate large amounts of dust. Dust may be irritating to eyes, skin and respiratory system.

**Physical hazards** Not classified.

**Health hazards** Not classified.

**Environmental hazards** Not classified.

**Label elements**

**Hazard symbol** None.

**Signal word** None.

**Hazard statement** The mixture does not meet the criteria for classification.

**Precautionary statement**

**Prevention** Wash thoroughly after handling. Observe good industrial hygiene practices.

**Response** Wash hands after handling. Get medical advice/attention if you feel unwell.

**Storage** Store away from incompatible materials (see Section 10 of the SDS).

**Disposal** Dispose of contents/container in accordance with applicable regulations.

**Supplemental information** None.

**Other hazards** None known.

## 3. Composition/information on ingredients

**Mixtures**

| Chemical name | Common name and synonyms | CAS number | % |
|---|---|---|---|
| CALCIUM SULFATE DIHYDRATE | | 10101-41-4 | 80 - 100 |
| SILICATE COMPOUND***** | | Proprietary | 1 - 5 |
| VERMICULITE**** | | 1318-00-9 | 1 - 5 |
| BORIC ACID** | | 10043-35-3 | 0.1 - 1 |
| CONTINUOUS FILAMENT GLASS FIBERS*** | | 65997-17-3 | 0.1 - 1 |
| CRYSTALLINE SILICA (QUARTZ)* | | 14808-60-7 | 0.1 - 1 |
| Other components below reportable levels | | | 0 - 0.1 |

***** HMIRA exemption filed 2022-09-27, registration number 03486911.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The specific chemical identity and/or percentage of composition has been withheld as a trade secret.

| | |
|---|---|
| **Composition comments** | ** Found in products in List B, C and F, Section 1 of this SDS.<br>*** Found in products in List C, D, E and F, Section 1 of this SDS.<br>**** Found in products in List E, F and G, Section 1 of this SDS.<br>***** Only found in products in List G, Section 1 of this SDS.<br><br>Gypsum (calcium sulfate, dihydrate) contains naturally occurring silica crystalline (quartz), which is listed as a lung carcinogen. See Section 8 for exposure information.<br><br>*The weight percent for crystalline silica represents total crystalline silica and not the respirable fraction. Testing conducted by Georgia-Pacific did not detect respirable crystalline silica during activities associated with the normal use of this product; however, jobsite air monitoring should be conducted to determine actual exposure when permissible exposure limits may be exceeded.<br><br>**Testing conducted by Georgia-Pacific did not detect boric acid during activities associated with the normal use of this product; however, jobsite air monitoring should be conducted to determine actual exposure when permissible exposure limits may be exceeded. |

## 4. First-aid measures

| | |
|---|---|
| **Inhalation** | If dust from the material is inhaled, remove the affected person immediately to fresh air. Call a physician if symptoms develop or persist. |
| **Skin contact** | Remove and isolate contaminated clothing and shoes. For skin contact, wash immediately with soap and water. Get medical attention if symptoms occur. For minor skin contact, avoid spreading material on unaffected skin. |
| **Eye contact** | Do not rub eyes. Get medical attention if irritation develops and persists. Do not rub the eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| **Ingestion** | Rinse mouth. May result in obstruction and irritation if ingested. Get medical attention. |
| **Most important symptoms/effects, acute and delayed** | Dusts may irritate the respiratory tract, skin and eyes. |
| **Indication of immediate medical attention and special treatment needed** | Keep victim under observation. Symptoms may be delayed. |
| **General information** | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. |

## 5. Fire-fighting measures

| | |
|---|---|
| **Suitable extinguishing media** | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| **Unsuitable extinguishing media** | None known. |
| **Specific hazards arising from the chemical** | During fire, gases hazardous to health may be formed. |
| **Special protective equipment and precautions for firefighters** | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| **Fire fighting equipment/instructions** | Firefighters should wear full protective clothing including self contained breathing apparatus. Use water spray to cool unopened containers. |
| **Specific methods** | Use standard firefighting procedures and consider the hazards of other involved materials. |
| **General fire hazards** | No unusual fire or explosion hazards noted. |

## 6. Accidental release measures

| | |
|---|---|
| **Personal precautions, protective equipment and emergency procedures** | Wear appropriate protective equipment and clothing during clean-up. For personal protection, see section 8 of the SDS. Avoid inhalation of dust from the spilled material. In the case of dust or aerosol formation use respirator with an approved filter. Use personal protection recommended in Section 8. Keep unnecessary personnel away. |
| **Methods and materials for containment and cleaning up** | Avoid the generation of dusts during clean-up. Collect dust using a vacuum cleaner equipped with HEPA filter. This product is miscible in water. Stop the flow of material, if this is without risk.<br><br>Large Spills: Wet down with water and dike for later disposal. Shovel the material into waste container. Following product recovery, flush area with water.<br><br>Small Spills: Sweep up or vacuum up spillage and collect in suitable container for disposal. Minimize dust generation. Sweep up or gather material and place in an appropriate container for disposal. Utilize wet methods, if appropriate, to minimize dust. For waste disposal, see section 13 of the SDS. |
| **Environmental precautions** | Keep out of drains, sewers, ditches, and waterways. |

## 7. Handling and storage

**Precautions for safe handling**

Practice good housekeeping. Provide appropriate exhaust ventilation at places where dust is formed. Minimize dust generation and accumulation. Do not breathe dust. Do not get this material in contact with eyes. Do not taste or swallow. Avoid prolonged exposure. Use only in well-ventilated areas. Do not eat or drink while using the product. Wash hands before eating, drinking or smoking.

**Conditions for safe storage, including any incompatibilities**

Store in tightly closed container. Store level and keep dry. Dewpoint or other conditions causing the presence of moisture can damage the product during storage. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

**Occupational exposure limits**

**ACGIH**

| Components | Type | Value | Form |
|---|---|---|---|
| CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) | TWA | 3 mg/m3 | Respirable Particles. |
| CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) | TWA | 5 mg/m3 | Inhalable fraction. |
| VERMICULITE**** (CAS 1318-00-9) | TWA | 3 mg/m3 | Respirable particles. |

**US. ACGIH Threshold Limit Values**

| Components | Type | Value | Form |
|---|---|---|---|
| BORIC ACID** (CAS 10043-35-3) | STEL | 6 mg/m3 | Inhalable fraction. |
| | TWA | 2 mg/m3 | Inhalable fraction. |
| CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) | TWA | 10 mg/m3 | Inhalable fraction. |
| CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) | TWA | 1 fibers/cm3 | Fiber. |
| CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) | TWA | 0.025 mg/m3 | Respirable fraction. |
| SILICATE COMPOUND***** | TWA | 2 mg/m3 | Respirable fraction. |
| VERMICULITE**** (CAS 1318-00-9) | TWA | 10 mg/m3 | Inhalable particles. |

**Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)**

| Components | Type | Value | Form |
|---|---|---|---|
| CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) | TWA | 10 mg/m3 | |
| CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) | TWA | 0.2 fibers/cm3 | Fiber. |
| | | 5 mg/m3 | Total particulate. |
| | | 5 mg/m3 | Fiber, total |
| CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) | TWA | 0.025 mg/m3 | Respirable particles. |
| SILICATE COMPOUND***** | TWA | 2 mg/m3 | Respirable. |
| VERMICULITE**** (CAS 1318-00-9) | TWA | 3 mg/m3 | Respirable particles. |
| | | 10 mg/m3 | Total particulate. |

**Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)**

| Components | Type | Value | Form |
|---|---|---|---|
| BORIC ACID** (CAS 10043-35-3) | STEL | 6 mg/m3 | Inhalable |
| | TWA | 2 mg/m3 | Inhalable |
| CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) | STEL | 20 mg/m3 | Total dust. |
| | TWA | 10 mg/m3 | Inhalable |
| CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) | TWA | 0.025 mg/m3 | Respirable fraction. |
| SILICATE COMPOUND***** | TWA | 2 mg/m3 | Respirable. |

**Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)**

| Components | Type | Value | Form |
|---|---|---|---|
| BORIC ACID** (CAS 10043-35-3) | STEL | 6 mg/m3 | Inhalable fraction. |
| | TWA | 2 mg/m3 | Inhalable fraction. |
| CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) | TWA | 10 mg/m3 | Inhalable fraction. |
| CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) | TWA | 1 fibers/cm3 | Fiber. |
| | | 5 mg/m3 | Inhalable fraction. |
| CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) | TWA | 0.025 mg/m3 | Respirable fraction. |
| SILICATE COMPOUND***** | TWA | 2 mg/m3 | Respirable fraction. |
| VERMICULITE**** (CAS 1318-00-9) | TWA | 10 mg/m3 | Inhalable particles. |

**Canada. New Brunswick OELs: Threshold Limit Values (TLVs) Based on the 1991 and 1997 ACGIH TLVs and BEIs Publication (New Brunswick Regulation 91-191)**

| Components | Type | Value | Form |
|---|---|---|---|
| CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) | TWA | 0.1 mg/m3 | Respirable. |
| SILICATE COMPOUND***** | TWA | 2 mg/m3 | Respirable. |

**Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)**

| Components | Type | Value | Form |
|---|---|---|---|
| BORIC ACID** (CAS 10043-35-3) | STEL | 6 mg/m3 | Inhalable fraction. |
| | TWA | 2 mg/m3 | Inhalable fraction. |
| CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) | TWA | 10 mg/m3 | Inhalable fraction. |
| CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) | TWA | 0.5 fibers/cc | Respirable fibers. |
| | | 5 mg/m3 | Inhalable fraction. |
| CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) | TWA | 0.1 mg/m3 | Respirable fraction. |
| SILICATE COMPOUND***** | TWA | 2 mg/m3 | Respirable fraction. |
| VERMICULITE**** (CAS 1318-00-9) | TWA | 3 mg/m3 | Respirable fraction. |
| | | 10 mg/m3 | Inhalable fraction. |

**Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)**

| Components | Type | Value | Form |
|---|---|---|---|
| BORIC ACID** (CAS 10043-35-3) | STEL | 6 mg/m3 | Inhalable dust. |
| | TWA | 2 mg/m3 | Inhalable dust. |
| CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) | TWA | 10 mg/m3 | Total dust. |
| CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) | TWA | 1 fibers/cm3n | Fiber. |
| CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) | TWA | 0.1 mg/m3 | Respirable dust. |
| SILICATE COMPOUND***** | TWA | 2 mg/m3 | Respirable dust. |
| VERMICULITE**** (CAS 1318-00-9) | TWA | 10 mg/m3 | Total dust. |

**Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21)**

| Components | Type | Value | Form |
|---|---|---|---|
| BORIC ACID** (CAS 10043-35-3) | 15 minute | 6 mg/m3 | Inhalable fraction. |
| CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) | 15 minute | 20 mg/m3 | |
| SILICATE COMPOUND***** | 15 minute | 4 mg/m3 | Respirable fraction. |

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Exposure guidelines** Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled.

*Testing conducted by Georgia-Pacific did not detect respirable crystalline silica during activities associated with the normal use of this product; however, jobsite air monitoring should be conducted to determine actual exposure when permissible exposure limits may be exceeded.

**Testing conducted by Georgia-Pacific did not detect boric acid during activities associated with the normal use of this product; however, jobsite air monitoring should be conducted to determine actual exposure when permissible exposure limits may be exceeded.

**Appropriate engineering controls** Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Ventilation should be sufficient to effectively remove and prevent buildup of any dusts or fumes that may be generated during handling or thermal processing. If engineering measures are not sufficient to maintain concentrations of dust particulates below the Occupational Exposure Limit (OEL), suitable respiratory protection must be worn. Score and snap method recommended. When using product, provide local and general exhaust ventilation to keep airborne dust concentrations below exposure limits. Use wet methods, if appropriate, to reduce the generation of dust.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles). Safety glasses or goggles are recommended when using this product. Eye wash fountain is recommended.

**Skin protection**

**Hand protection** Wear protective gloves.

**Other** Wear appropriate chemical resistant clothing. Impervious protective clothing and gloves recommended to prevent drying or irritation of skin. Safety shower/eye wash fountain is recommended in the workplace area.

**Respiratory protection** Wear respirator with dust filter.

**Thermal hazards** Not applicable.

**General hygiene considerations** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Keep away from food and drink.

## 9. Physical and chemical properties

| | |
|---|---|
| **Appearance** | Paper faced gypsum boards |
| **Physical state** | Solid. |
| **Form** | Solid. |
| **Color** | Facing color varies |
| **Odor** | Odorless |
| **Odor threshold** | Not available. |
| **pH** | 7 |
| **Melting point/freezing point** | 2642 °F (1450 °C) estimated |
| **Initial boiling point and boiling range** | Not applicable |
| **Flash point** | Not applicable |
| **Evaporation rate** | Not available. |
| **Flammability (solid, gas)** | Not available. |
| **Upper/lower flammability or explosive limits** | |
| **Explosive limit - lower (%)** | Not applicable |
| **Explosive limit - upper (%)** | Not applicable |
| **Vapor pressure** | Not applicable |
| **Vapor density** | Not applicable |
| **Relative density** | > 2.2 - < 2.4 g/cm3 |
| **Solubility(ies)** | |
| **Solubility (water)** | 0.2 % @ 22°C |
| **Partition coefficient (n-octanol/water)** | Not applicable |
| **Auto-ignition temperature** | Not applicable |
| **Decomposition temperature** | Not available. |
| **Viscosity** | Not applicable |
| **Other information** | |
| **Explosive properties** | Not explosive. |
| **Flash point class** | Not flammable |
| **Oxidizing properties** | Not oxidizing. |
| **Specific gravity** | > 2.2 - < 2.4 |

## 10. Stability and reactivity

| | |
|---|---|
| **Reactivity** | Contact with strong acids produces carbon dioxide. |
| **Chemical stability** | Material is stable under normal conditions. |
| **Possibility of hazardous reactions** | No dangerous reaction known under conditions of normal use. |
| **Conditions to avoid** | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Contact with incompatible materials. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). |
| **Incompatible materials** | Acids. Aluminum. Phosphorus. |
| **Hazardous decomposition products** | May include and are not limited to: calcium oxide and sulfur dioxide. |

## 11. Toxicological information

**Information on likely routes of exposure**

| | |
|---|---|
| **Inhalation** | Dust may irritate respiratory system. |
| **Skin contact** | Dust or powder may irritate the skin. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. |
| **Eye contact** | Dust generated during processing may cause eye irritation. |
| **Ingestion** | Not applicable under normal conditions of use. May cause gastrointestinal irritation if ingested. |

**Symptoms related to the physical, chemical and toxicological characteristics** Dusts may irritate the respiratory tract, skin and eyes.

**Information on toxicological effects**

**Acute toxicity**

| Product | Species | Test Results |
|---|---|---|
| Paper Faced Gypsum Panels | | |
| **Acute** | | |
| **Dermal** | | |
| LD50 | Rat | 396825 mg/kg |
| **Inhalation** | | |
| LC50 | Rat | 363.6365 mg/l, 4 Hours |
| **Oral** | | |
| ATEmix | | 1684 mg/kg bw |

| Components | Species | Test Results |
|---|---|---|
| BORIC ACID** (CAS 10043-35-3) | | |
| **Acute** | | |
| **Inhalation** | | |
| LC50 | Rat | > 2 mg/l, 4 Hours |
| CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) | | |
| **Acute** | | |
| **Oral** | | |
| LD50 | Rat | > 1581 mg/kg |
| SILICATE COMPOUND***** | | |
| **Acute** | | |
| **Dermal** | | |
| LD50 | Rat | > 5000 mg/kg |
| **Oral** | | |
| LD50 | Rat | > 5000 mg/kg |

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation** Dust in the eyes will cause irritation.

**Respiratory or skin sensitization**

**Canada - Alberta OELs: Irritant**

CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) Irritant

**Respiratory sensitization** Not likely to cause respiratory sensitization.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** Not classified.

**Carcinogenicity** Not expected to be hazardous by OSHA/WHMIS criteria.

Exposure to respirable crystalline silica in the form of quartz or cristobalite from occupational sources is listed by IARC and NTP as a lung carcinogen. Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabling. While there may be a factor of individual susceptibility to a given exposure to a respirable silica dust, the risk of contracting silicosis and the severity of the disease is clearly related to the amount of respirable crystalline silica exposure and the length of time (usually years) of exposure.

**ACGIH Carcinogens**

| | |
|---|---|
| BORIC ACID** (CAS 10043-35-3) | A4 Not classifiable as a human carcinogen. |
| CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) | A2 Suspected human carcinogen. |
| | A4 Not classifiable as a human carcinogen. |
| CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) | A2 Suspected human carcinogen. |
| SILICATE COMPOUND***** (CAS Proprietary) | A4 Not classifiable as a human carcinogen. |

**Canada - Alberta OELs: Carcinogen category**

CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) Suspected human carcinogen.

CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) Suspected human carcinogen.

**Canada - Manitoba OELs: carcinogenicity**

BORIC ACID** (CAS 10043-35-3) Not classifiable as a human carcinogen.

CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) Not classifiable as a human carcinogen.

Suspected human carcinogen.

CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) Suspected human carcinogen.

SILICATE COMPOUND***** (CAS Proprietary) Not classifiable as a human carcinogen.

**Canada - Quebec OELs: Carcinogen category**

CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) Suspected carcinogenic effect in humans.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) 1 Carcinogenic to humans.

**US. National Toxicology Program (NTP) Report on Carcinogens**

CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) Known To Be Human Carcinogen.

**Reproductive toxicity** Not classified.

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not classified.

**Chronic effects** Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. Not hazardous under normal conditions of use.

**Further information** *Testing conducted by Georgia-Pacific did not detect respirable crystalline silica during activities associated with the normal use of this product; however, jobsite air monitoring should be conducted to determine actual exposure when permissible exposure limits may be exceeded.

## 12. Ecological information

**Ecotoxicity** Not considered to be harmful to aquatic life.

| Product | | Species | Test Results |
|---|---|---|---|
| Paper Faced Gypsum Panels | | | |
| **Aquatic** | | | |
| *Acute* | | | |
| Crustacea | EC50 | Daphnia | 2500000 mg/l, 48 hours estimated |

| Components | | Species | Test Results |
|---|---|---|---|
| BORIC ACID** (CAS 10043-35-3) | | | |
| **Aquatic** | | | |
| Crustacea | EC50 | Daphnia | 766.5 mg/L, 48 Hours |
| *Acute* | | | |
| Fish | LC50 | Colorado squawfish (Ptychocheilus lucius) | > 100 mg/l, 96 hours |
| CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) | | | |
| **Aquatic** | | | |
| *Acute* | | | |
| Fish | LC50 | Fathead minnow (Pimephales promelas) | > 1970 mg/l, 96 hours |
| | | | > 1970 mg/l, 96 hours |
| CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) | | | |
| **Aquatic** | | | |
| *Acute* | | | |
| Fish | LC50 | Zebra danio (Danio rerio) | > 1000 mg/l, 96 hours ECHA |
| CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) | | | |
| **Aquatic** | | | |
| *Acute* | | | |
| Fish | LC50 | Zebra danio (Danio rerio) | > 10000 mg/l, 96 Hours OECD SIDS |

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential** No data available.

**Partition coefficient n-octanol / water (log Kow)**

| | |
|---|---|
| BORIC ACID** | 0.175 |

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions** Not available.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Dispose of in accordance with local regulations.

**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

**TDG**

Not regulated as dangerous goods.

**IATA**

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## 15. Regulatory information

**Canadian regulations** This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

**Controlled Drugs and Substances Act**

Not regulated.

**Export Control List (CEPA 1999, Schedule 3)**

Not listed.

**Greenhouse Gases**

Not listed.

**Precursor Control Regulations**

Not regulated.

**International regulations**

**Stockholm Convention**

Not applicable.

**Rotterdam Convention**

Not applicable.

**Kyoto protocol**

Not applicable.

**Montreal Protocol**

Not applicable.

**Basel Convention**

CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4)
CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3)

**International Inventories**

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|---|---|---|
| Canada | Domestic Substances List (DSL) | Yes |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information

| | |
|---|---|
| **Issue date** | October-17-2022 |
| **Version #** | 01 |
| **Further information** | HMIS® is a registered trade and service mark of the NPCA. |
| **Disclaimer** | This SDS is intended to quickly provide useful information to the user(s) of this material or product. It is not intended to serve as a comprehensive discussion of all possible risks or hazards, and it assumes a reasonable use of the product. The information contained in this SDS is believed to be accurate as of the date of preparation of this SDS and has been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. The user or handler (or their employer) should consider the specific conditions in which this material will be used, handled, or stored and determine what specific safety or other precautions are required. Employers should ensure that their employees, agents, contractors, and customers who will use the product receive adequate warnings and safe handling procedures, including a current SDS. Product users or handlers (or their employer) who are unsure of what specific precautions are required should consult their employer, product supplier, or safety or health professionals before handling or working with this product. Please notify us immediately if you believe this SDS or other safety and health information about this product is inaccurate or incomplete. |
| **Revision information** | Product and Company Identification: Synonyms<br>Composition / Information on Ingredients: Ingredients<br>Physical & Chemical Properties: Multiple Properties<br>Toxicological Information: Toxicological Data<br>Ecological Information: Ecotoxicity<br>Regulatory Information: United States<br>HazReg Data: North America<br>GHS: Classification |