1. Identification

Product identifier: Glass Mat Faced Gypsum Panels

Product list:
- Product List A
  - DensArmor Plus® Interior Panel
  - DensArmor Plus® Fireguard® Abuse-Resistant Panels
  - DensArmor Plus® Fireguard® Impact-Resistant Panels
  - DensArmor Plus® Fireguard® Interior Panels
  - DensDeck® Prime Roof Board
  - DensDeck® Roof Board
  - DensDeck® Prime Fireguard® Roof Board
  - DensDeck® Fireguard® Roof Board
  - DensElement™ Sheathing
  - DensGlass® Fireguard® Sheathing
  - DensGlass® Shaftliner
  - DensGlass® Sheathing
  - DensShield® Fireguard® Tile Backer
  - DensShield® Tile Backer

- Product List B
  - DensArmor Plus® Fireguard C® Interior Panels

Other means of identification:

Product code: GP-71C

Recommended use: Products accommodate a wide range of wall, floor, ceiling and roof applications.

Recommended restrictions: None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer:
- Company name: Georgia-Pacific Gypsum LLC
- Address: 133 Peachtree Street, NE
  Atlanta, GA 30303
- Telephone: Technical Information: 800.225.6119
  (M)SDS Request: 404.652.5119
- E-mail: MSDSREQ@GAPAC.COM
- Emergency phone number: Chemtrec - Emergency: 800.424.9300

Importer/Supplier/Distributor:
- Company name: Georgia-Pacific Canada LP
- Address: 350 Argyle Street North
  Caledonia, ON N3W 1M2
- Telephone: Technical Information: 800.225.6119
  (M)SDS Request: 404.652.5119
- E-mail: MSDSREQ@GAPAC.com
- Emergency phone number: Chemtrec - Emergency: 800.424.9300

2. Hazard identification

Emergency overview:
This product is not hazardous in the form in which it is shipped by the manufacturer but may become hazardous by downstream activities such as cutting, sanding, or otherwise working with this product that generate large amount of dusts. Those hazards associated with large amount of dusts are described below.

Physical hazards:
- Not classified.

Health hazards:
- Eye irritation
  - Category 2B
Environmental hazards Not classified.

Label elements

<table>
<thead>
<tr>
<th>Hazard symbol</th>
<th>None.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signal word</td>
<td>Warning</td>
</tr>
<tr>
<td>Hazard statement</td>
<td>Causes eye irritation.</td>
</tr>
<tr>
<td>Precautionary statement</td>
<td></td>
</tr>
</tbody>
</table>

Prevention

Wash thoroughly after handling. Observe good industrial hygiene practices.

Response

Wash hands after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Storage

Store away from acids.

Disposal

Dispose of contents/container in accordance with applicable regulations.

Other hazards

None known.

Supplemental information

None.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Sulfate Dihydrate</td>
<td></td>
<td>10101-41-4</td>
<td>80 - 100</td>
</tr>
<tr>
<td>VERMICULITE**</td>
<td></td>
<td>1318-00-9</td>
<td>0 - 10</td>
</tr>
<tr>
<td>FIBROUS GLASS</td>
<td></td>
<td>65997-17-3</td>
<td>1 - 5</td>
</tr>
<tr>
<td>CRYSTALLINE SILICA (QUARTZ)*</td>
<td></td>
<td>14808-60-7</td>
<td>0.1 - 1</td>
</tr>
</tbody>
</table>

Composition comments

** Found in products in List B, Section 1 of this SDS.

Gypsum (calcium sulfate, dihydrate) and vermiculite contain naturally occurring crystalline silica (quartz) which is listed as a lung carcinogen. See Section 8 for exposure information.

*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.

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. Get medical attention if irritation develops and persists. For minor skin contact, avoid spreading material on unaffected skin.

Eye contact

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. If eye irritation persists: Get medical advice/attention.

Ingestion

Rinse mouth. May result in obstruction and irritation if ingested. Get medical attention.

Most important symptoms/effects, acute and delayed

Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. 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.
Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Firefighters should wear full protective clothing including self contained breathing apparatus.

Use standard firefighting procedures and consider the hazards of other involved materials. No unusual fire or explosion hazards noted.

6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

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.

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.

Keep out of drains, sewers, ditches, and waterways.

7. Handling and storage

**Precautions for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed. Minimise 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. Observe good industrial hygiene practices. 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 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**

<table>
<thead>
<tr>
<th>ACGIH Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIBROUS GLASS (CAS 65997-17-3)</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td>Inhalable fraction.</td>
</tr>
</tbody>
</table>

**US. ACGIH Threshold Limit Values**

<table>
<thead>
<tr>
<th>Components</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Sulfate Dihydrate (CAS 10101-41-4)</td>
<td>TWA  10 mg/m3</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7)</td>
<td>TWA  0.025 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>FIBROUS GLASS (CAS 65997-17-3)</td>
<td>TWA  1 fibers/cm3</td>
<td>Fiber.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Sulfate Dihydrate (CAS 10101-41-4)</td>
<td>TWA  10 mg/m3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7)</td>
<td>TWA  0.025 mg/m3</td>
<td>Respirable particles.</td>
<td></td>
</tr>
<tr>
<td>FIBROUS GLASS (CAS 65997-17-3)</td>
<td>TWA  0.2 fibers/cm3</td>
<td>Fiber.</td>
<td></td>
</tr>
<tr>
<td>VERMICULITE** (CAS 1318-00-9)</td>
<td>TWA  5 mg/m3</td>
<td>Fiber, total</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 mg/m3</td>
<td>Total particulate.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 mg/m3</td>
<td>Respirable particles.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 mg/m3</td>
<td>Total particulate.</td>
</tr>
<tr>
<td>Components</td>
<td>Type</td>
<td>Value</td>
<td>Form</td>
</tr>
<tr>
<td>------------</td>
<td>------------</td>
<td>---------------</td>
<td>------------</td>
</tr>
<tr>
<td>Calcium Sulfate Dihydrate (CAS 10101-41-4)</td>
<td>STEL</td>
<td>20 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td>CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Inhalable</td>
</tr>
<tr>
<td>FIBROUS GLASS (CAS 65997-17-3)</td>
<td>TWA</td>
<td>0.2 fibers/cm³</td>
<td>Fiber.</td>
</tr>
<tr>
<td>VERMICULITE** (CAS 1318-00-9)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Inhalable fibers.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Sulfate Dihydrate (CAS 10101-41-4)</td>
<td>TWA</td>
<td>0.025 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7)</td>
<td>TWA</td>
<td>0.2 fibers/cm³</td>
<td>Fiber.</td>
</tr>
<tr>
<td>FIBROUS GLASS (CAS 65997-17-3)</td>
<td>TWA</td>
<td>3 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>VERMICULITE** (CAS 1318-00-9)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Total dust.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Sulfate Dihydrate (CAS 10101-41-4)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>FIBROUS GLASS (CAS 65997-17-3)</td>
<td>TWA</td>
<td>0.5 fibers/cc</td>
<td>Respirable fibers.</td>
</tr>
<tr>
<td>VERMICULITE** (CAS 1318-00-9)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Sulfate Dihydrate (CAS 10101-41-4)</td>
<td>TWA</td>
<td>3 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7)</td>
<td>TWA</td>
<td>1 fibers/cm³</td>
<td>Fiber.</td>
</tr>
<tr>
<td>FIBROUS GLASS (CAS 65997-17-3)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td>VERMICULITE** (CAS 1318-00-9)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Total dust.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Sulfate Dihydrate (CAS 10101-41-4)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Respirable dust.</td>
</tr>
<tr>
<td>CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td>FIBROUS GLASS (CAS 65997-17-3)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td>Respirable dust.</td>
</tr>
<tr>
<td>VERMICULITE** (CAS 1318-00-9)</td>
<td>TWA</td>
<td>1 fibers/cm³</td>
<td>Fiber.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Sulfate Dihydrate (CAS 10101-41-4)</td>
<td>TWA</td>
<td>15 minute</td>
<td>20 mg/m³</td>
</tr>
</tbody>
</table>

Material name: Glass Mat Faced Gypsum Panels
GP-71C  Version #: 02  Revision date: 07-25-2019  Issue date: 03-24-2017
Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRYSTALLINE SILICA</td>
<td>8 hour</td>
<td>10 mg/m³</td>
<td></td>
</tr>
<tr>
<td>(QUARTZ)* (CAS 14808-60-7)</td>
<td>8 hour</td>
<td>0.05 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>FIBROUS GLASS (CAS 65997-17-3)</td>
<td>15 minute</td>
<td>10 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td></td>
<td>8 hour</td>
<td>0.2 fibers/cc</td>
<td>Respirable fibers.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 mg/m³</td>
<td>Inhatalbe fraction.</td>
</tr>
<tr>
<td>VERMICULITE** (CAS 1318-00-9)</td>
<td>15 minute</td>
<td>6 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td>8 hour</td>
<td>3 mg/m³</td>
<td>Inhatalbe fraction.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 mg/m³</td>
<td>Inhatalbe fraction.</td>
</tr>
</tbody>
</table>

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.

Appropriate engineering controls

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. 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 OEL (occupational exposure limit), suitable respiratory protection must be worn.

Individual protection measures, such as personal protective equipment

Eye/face protection

Safety glasses or goggles are recommended when using this product. Eye wash fountain is recommended.

Skin protection

For prolonged or repeated skin contact use suitable protective gloves.

Hand protection

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

Other

Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

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

Gypsum boards

Physical state

Solid

Form

Solid

Colour

Facing color varies

Odour

Low odor

Odour threshold

Not available.

pH

6 - 8

Melting point/freezing point

Not applicable.

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
- Flammability limit - lower (%) Not applicable.
- Flammability limit - upper (%) Not applicable.
- Explosive limit - lower (%) Not applicable.
- Explosive limit – upper (%) Not applicable.

Vapour pressure Not applicable.

Vapour density Not applicable.

Relative density Not available.

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
- Flash point class Not flammable
- 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 Contact with incompatible materials. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

Incompatible materials Strong acids.

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 Inhalation of dusts may cause respiratory irritation.

Skin contact Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Eye contact Dust in the eyes will cause irritation.

Ingestion Not applicable under normal conditions of use. May cause gastrointestinal irritation if ingested.

Symptoms related to the physical, chemical and toxicological characteristics Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glass Mat Faced Gypsum Panels</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ATEmix</td>
<td></td>
<td>1728 mg/kg</td>
</tr>
</tbody>
</table>

Material name: Glass Mat Faced Gypsum Panels

GP-71C  Version #: 02  Revision date: 07-25-2019  Issue date: 03-24-2017
Components | Species | Test Results
--- | --- | ---
Calcium Sulfate Dihydrate (CAS 10101-41-4) |  |  
**Acute**<br>**Oral**<br>LD50 | Rat | > 1581 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 sensitisation

**Canada - Alberta OELs:** Irritant

FIBROUS GLASS (CAS 65997-17-3) | Irritant

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

**Skin sensitisation** | This product is not expected to cause skin sensitisation.

**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**

CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) | A2 Suspected human carcinogen.

FIBROUS GLASS (CAS 65997-17-3) | A2 Suspected human carcinogen.

A3 Confirmed animal carcinogen with unknown relevance to humans.

A4 Not classifiable as a human carcinogen.

**Canada - Alberta OELs:** Carcinogen category

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

FIBROUS GLASS (CAS 65997-17-3) | Suspected human carcinogen.

**Canada - Manitoba OELs:** carcinogenicity

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

FIBROUS GLASS (CAS 65997-17-3) | Confirmed animal carcinogen with unknown relevance to humans.

Not classifiable as a human carcinogen.

Suspected human carcinogen.

**Canada - Quebec OELs:** Carcinogen category

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

FIBROUS GLASS (CAS 65997-17-3) | Detected carcinogenic effect in animals.

**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** | 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** | Contains a substance which causes risk of hazardous effects to the environment. Not considered to be harmful to aquatic life.
Components Test Results

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Sulfate Dihydrate (CAS 10101-41-4)</td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
</tr>
<tr>
<td>Fathead minnow (Pimephales promelas)</td>
<td>&gt; 1970 mg/l, 96 hours</td>
</tr>
</tbody>
</table>

| CRISTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) |                           |
| **Aquatic**                      |                           |
| **Acute**                        |                           |
| Fish                             | LC50                      |
| Zebra danio (Danio rerio)        | > 10000 mg/l, 96 Hours OECD SIDS |

| FIBROUS GLASS (CAS 65997-17-3) |                           |
| **Aquatic**                      |                           |
| **Acute**                        |                           |
| Fish                             | LC50                      |
| Fish                             | > 1000 mg/l, 96 hours     |

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

Bioaccumulative potential
No data available.

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
Dispose of contents/container in accordance with local/regional/national/international regulations.

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
Not available.

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)
FIBROUS GLASS (CAS 65997-17-3)

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*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 03-24-2017
Revision date 07-25-2019
Version No. 02

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
Composition / Information on Ingredients: Ingredients
Accidental release measures: Ingredients
Handling and storage: Conditions for safe storage, including any incompatibilities