SAFETY DATA SHEET

1. Identification

Product identifier

Paper Faced Gypsum Panels

Product list

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

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Product List B

Product List A

ToughRock® Gypsum Board

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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

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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

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Product List E

ToughRock® Shaftliner

ToughRock® Fireguard C® Soffit Board

ToughRock® Fireguard C® Stretch 54® Gypsum Board

ToughRock® Lite-Weight Fire-Rated Gypsum Board

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Product List F

ToughRock® Fireguard C® Gypsum Board

ToughRock® Lite-Weight Veneer Plaster Base

Other means of identification Product code

GP-71A

Recommended use

Recommended restrictions

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

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

Manufacturer

Company nameGeorgia-Pacific Gypsum LLCAddress133 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 Chemtrec - Emergency: 800.424.9300

number

Importer/Supplier/

Distributor

Company nameGeorgia-Pacific Canada LPAddress350 Argyle Street NorthCaledonia, 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(s) identification

Emergency overviewThis 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

Hazard symbol None.

Signal word Warning

Hazard statement Causes eye irritation.

Precautionary statement

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

Chemical name	Common name and synonyms	CAS number	%
CALCIUM SULFATE DIHYDRATE		10101-41-4	≤ 95
VERMICULITE****		1318-00-9	0 - 3
BORIC ACID**		10043-35-3	0.1 - 1
CONTINUOUS FILAMENT GLASS FIBERS***		65997-17-3	0.1 - 1
CRYSTALLINE SILICA (QUARTZ)*		14808-60-7	≤ 0.2

Composition comments

** Found in products in List B, C and F, Section 1 of this SDS. *** Found in products in List C, D, E and F, Section 1 of this SDS.

**** Found in products in List E and F, Section 1 of this SDS.

Gypsum (calcium sulfate, dihydrate) contains naturally occurring silica crystalline (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.

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

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

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

treatment needed

symptoms/effects, acute and delayed

Indication of immediate Provide general supportive measures and treat symptomatically. Keep victim under observation. medical attention and special 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. None known.

Unsuitable extinguishing

media

Specific hazards arising from

the chemical

During fire, gases hazardous to health may be formed.

Special protective equipment

and precautions for

firefighters

Fire fighting equipment/instructions Firefighters should wear full protective clothing including self contained breathing apparatus.

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

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

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 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.

Material name: Paper Faced Gypsum Panels GP-71A Version #: 02 Revision date: 09-22-2017 Issue date: 04-14-2017

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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

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Components	Туре	Value	Form
CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 5997-17-3)	TWA	5 mg/m3	Inhalable fraction.
JS ACGIH Threshold Limit Valu	es: Short Term Fynosure Lim	uit (STFL): ma/m3	
Components	Туре	Value	Form
BORIC ACID** (CAS .0043-35-3)	STEL	6 mg/m3	Inhalable fraction.
JS ACGIH Threshold Limit Valu Components	es: Time Weighted Average (Type	(TWA): mg/m3, non-standard Value	l units Form
BORIC ACID** (CAS .0043-35-3)	TWA	2 mg/m3	Inhalable fraction.
CALCIUM SULFATE DIHYDRATE (CAS .0101-41-4)	TWA	10 mg/m3	Inhalable fraction.
CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 55997-17-3)	TWA	1 fibers/cm3	Fiber.
CRYSTALLIŃE SILICA QUARTZ)* (CAS .4808-60-7)	TWA	0.025 mg/m3	Respirable fraction.
Canada. Alberta OELs (Occupat	ional Health & Safety Code, S	Schedule 1, Table 2)	
Components	Туре	Value	Form
CALCIUM SULFATE DIHYDRATE (CAS .0101-41-4)	TWA	10 mg/m3	
CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3)	TWA	0.2 fibers/cm3	Fiber.
		5 mg/m3	Fiber, total
		5 mg/m3	Total particulate.
CRYSTALLINE SILICA QUARTZ)* (CAS .4808-60-7)	TWA	0.025 mg/m3	Respirable particles.
/ERMICULITE**** (CAS 1318-00-9)	TWA	3 mg/m3	Respirable particles.
-		10 mg/m3	Total particulate.
Canada. British Columbia OELs		its for Chemical Substances,	Occupational Health an
Safety Regulation 296/97, as a Components	mended) Type	Value	Form
BORIC ACID** (CAS .0043-35-3)	STEL	6 mg/m3	Inhalable
•	TWA	2 mg/m3	Inhalable
CALCIUM SULFATE DIHYDRATE (CAS	STEL	20 mg/m3	Total dust.

Material name: Paper Faced Gypsum Panels

10101-41-4)

SDS CANADA

GP-71A Version #: 02 Revision date: 09-22-2017 Issue date: 04-14-2017

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

Components	Туре	Value	Form
	TWA	10 mg/m3	Inhalable
CONTINUOUS FILAMENT	TWA	0.2 fibers/cm3	Fiber.
GLASS FIBERS*** (CAS			
65997-17-3)			
03337 17 3)		5 mg/m3	Inhalable fibers.
CD\/CT41171E CT17C4	-	<u>-</u> -	
CRYSTALLINE SILICA	TWA	0.025 mg/m3	Respirable fraction.
(QUARTZ)* (CAS			
14808-60-7)			
VERMICULITE**** (CAS	TWA	3 mg/m3	Respirable fraction.
1318-00-9)		_	•
,		10 mg/m3	Total dust.
Canada Manitoha OELo/	Reg. 217/2006, The Workplace Saf	<u>.</u>	
		Value	Form
Components	Туре	value	FUIIII
BORIC ACID** (CAS	STEL	6 mg/m3	Inhalable fraction.
10043-35-3)		3,	
	TWA	2 mg/m3	Inhalable fraction.
CALCIUM CUU FATE		<u>-</u> -	
CALCIUM SULFATE	TWA	10 mg/m3	Inhalable fraction.
DIHYDRATE (CAS			
10101-41-4)			
CONTINUOUS FILAMENT	TWA	1 fibers/cm3	Fiber.
GLASS FIBERS*** (CAS			
65997-17-3)			
,		5 mg/m3	Inhalable fraction.
CRYSTALLINE SILICA	TWA	0.025 mg/m3	Respirable fraction.
	IVVA	0.023 1119/1113	Respirable fraction.
(QUARTZ)* (CAS			
14808-60-7)			
Canada. Ontario OELs. (M	linistry of Labor - Control of Exposu	re to Biological or Chemical	Agents)
Components	T		
Components	Туре	Value	Form
CALCIUM SULFATE	TWA	Value 10 mg/m3	Form Inhalable fraction.
CALCIUM SULFATE DIHYDRATE (CAS			
CALCIUM SULFATE DIHYDRATE (CAS			
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4)			
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT	TWA	10 mg/m3	Inhalable fraction.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS	TWA	10 mg/m3	Inhalable fraction.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS	TWA	10 mg/m3 0.5 fibers/mL	Inhalable fraction. Respirable fibers.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3)	TWA	10 mg/m3 0.5 fibers/mL 5 mg/m3	Inhalable fraction. Respirable fibers. Inhalable fraction.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA	TWA	10 mg/m3 0.5 fibers/mL	Inhalable fraction. Respirable fibers.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS	TWA	10 mg/m3 0.5 fibers/mL 5 mg/m3	Inhalable fraction. Respirable fibers. Inhalable fraction.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7)	TWA	10 mg/m3 0.5 fibers/mL 5 mg/m3	Inhalable fraction. Respirable fibers. Inhalable fraction. Respirable fraction.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7)	TWA	10 mg/m3 0.5 fibers/mL 5 mg/m3	Inhalable fraction. Respirable fibers. Inhalable fraction.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) VERMICULITE**** (CAS	TWA TWA	10 mg/m3 0.5 fibers/mL 5 mg/m3 0.1 mg/m3	Inhalable fraction. Respirable fibers. Inhalable fraction. Respirable fraction.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) VERMICULITE**** (CAS	TWA TWA	10 mg/m3 0.5 fibers/mL 5 mg/m3 0.1 mg/m3 3 mg/m3	Inhalable fraction. Respirable fibers. Inhalable fraction. Respirable fraction.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) VERMICULITE**** (CAS 1318-00-9)	TWA TWA TWA TWA	10 mg/m3 0.5 fibers/mL 5 mg/m3 0.1 mg/m3 3 mg/m3 10 mg/m3	Inhalable fraction. Respirable fibers. Inhalable fraction. Respirable fraction. Respirable fraction. Inhalable fraction.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) VERMICULITE**** (CAS 1318-00-9) Canada. Quebec OELs. (M	TWA TWA TWA TWA TWA TWA Inistry of Labour - Regulation Resp	10 mg/m3 0.5 fibers/mL 5 mg/m3 0.1 mg/m3 3 mg/m3 10 mg/m3 ecting the Quality of the Work	Inhalable fraction. Respirable fibers. Inhalable fraction. Respirable fraction. Respirable fraction. Inhalable fraction.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) VERMICULITE**** (CAS 1318-00-9) Canada. Quebec OELs. (M	TWA TWA TWA TWA	10 mg/m3 0.5 fibers/mL 5 mg/m3 0.1 mg/m3 3 mg/m3 10 mg/m3	Inhalable fraction. Respirable fibers. Inhalable fraction. Respirable fraction. Respirable fraction. Inhalable fraction.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) VERMICULITE**** (CAS 1318-00-9) Canada. Quebec OELs. (M Components	TWA TWA TWA TWA TWA Inistry of Labour - Regulation Resp	10 mg/m3 0.5 fibers/mL 5 mg/m3 0.1 mg/m3 3 mg/m3 10 mg/m3 ecting the Quality of the Workyalue	Inhalable fraction. Respirable fibers. Inhalable fraction. Respirable fraction. Respirable fraction. Inhalable fraction. Inhalable fraction. Form
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) VERMICULITE**** (CAS 1318-00-9) Canada. Quebec OELs. (M Components CALCIUM SULFATE	TWA TWA TWA TWA TWA TWA Inistry of Labour - Regulation Resp	10 mg/m3 0.5 fibers/mL 5 mg/m3 0.1 mg/m3 3 mg/m3 10 mg/m3 ecting the Quality of the Work	Inhalable fraction. Respirable fibers. Inhalable fraction. Respirable fraction. Respirable fraction. Inhalable fraction.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) VERMICULITE**** (CAS 1318-00-9) Canada. Quebec OELs. (M Components CALCIUM SULFATE DIHYDRATE (CAS	TWA TWA TWA TWA TWA Inistry of Labour - Regulation Resp	10 mg/m3 0.5 fibers/mL 5 mg/m3 0.1 mg/m3 3 mg/m3 10 mg/m3 ecting the Quality of the Workyalue	Inhalable fraction. Respirable fibers. Inhalable fraction. Respirable fraction. Respirable fraction. Inhalable fraction. Inhalable fraction. Form
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) VERMICULITE**** (CAS 1318-00-9) Canada. Quebec OELs. (M Components CALCIUM SULFATE DIHYDRATE (CAS	TWA TWA TWA TWA TWA Inistry of Labour - Regulation Resp	10 mg/m3 0.5 fibers/mL 5 mg/m3 0.1 mg/m3 3 mg/m3 10 mg/m3 ecting the Quality of the Work Value 5 mg/m3	Inhalable fraction. Respirable fibers. Inhalable fraction. Respirable fraction. Respirable fraction. Inhalable fraction. **Environment** Form Respirable dust.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) VERMICULITE**** (CAS 1318-00-9) Canada. Quebec OELs. (M Components CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4)	TWA TWA TWA TWA TWA Inistry of Labour - Regulation Resp Type TWA	10 mg/m3 0.5 fibers/mL 5 mg/m3 0.1 mg/m3 3 mg/m3 10 mg/m3 ecting the Quality of the Work Value 5 mg/m3	Inhalable fraction. Respirable fibers. Inhalable fraction. Respirable fraction. Respirable fraction. Inhalable fraction. Environment) Form Respirable dust. Total dust.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) VERMICULITE**** (CAS 1318-00-9) Canada. Quebec OELs. (M Components CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT	TWA TWA TWA TWA TWA Inistry of Labour - Regulation Resp	10 mg/m3 0.5 fibers/mL 5 mg/m3 0.1 mg/m3 3 mg/m3 10 mg/m3 ecting the Quality of the Work Value 5 mg/m3	Inhalable fraction. Respirable fibers. Inhalable fraction. Respirable fraction. Respirable fraction. Inhalable fraction. **Environment** Form Respirable dust.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) VERMICULITE**** (CAS 1318-00-9) Canada. Quebec OELs. (M Components CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS**** (CAS	TWA TWA TWA TWA TWA Inistry of Labour - Regulation Resp Type TWA	10 mg/m3 0.5 fibers/mL 5 mg/m3 0.1 mg/m3 3 mg/m3 10 mg/m3 ecting the Quality of the Work Value 5 mg/m3	Inhalable fraction. Respirable fibers. Inhalable fraction. Respirable fraction. Respirable fraction. Inhalable fraction. Environment) Form Respirable dust. Total dust.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) VERMICULITE**** (CAS 1318-00-9) Canada. Quebec OELs. (M Components CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS**** (CAS	TWA TWA TWA TWA TWA Inistry of Labour - Regulation Resp Type TWA	10 mg/m3 0.5 fibers/mL 5 mg/m3 0.1 mg/m3 3 mg/m3 10 mg/m3 ecting the Quality of the Work Value 5 mg/m3	Inhalable fraction. Respirable fibers. Inhalable fraction. Respirable fraction. Respirable fraction. Inhalable fraction. Environment) Form Respirable dust. Total dust.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) VERMICULITE**** (CAS 1318-00-9) Canada. Quebec OELs. (M Components CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS**** (CAS	TWA TWA TWA TWA TWA Inistry of Labour - Regulation Resp Type TWA	10 mg/m3 0.5 fibers/mL 5 mg/m3 0.1 mg/m3 3 mg/m3 10 mg/m3 ecting the Quality of the Work Value 5 mg/m3 10 mg/m3 10 mg/m3 1 fibers/cm3n	Inhalable fraction. Respirable fibers. Inhalable fraction. Respirable fraction. Respirable fraction. Inhalable fraction. Environment) Form Respirable dust. Total dust.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) VERMICULITE**** (CAS 1318-00-9) Canada. Quebec OELs. (M Components CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3)	TWA TWA TWA TWA Inistry of Labour - Regulation Response Type TWA TWA	10 mg/m3 0.5 fibers/mL 5 mg/m3 0.1 mg/m3 3 mg/m3 10 mg/m3 ecting the Quality of the Work Value 5 mg/m3 10 mg/m3 1 fibers/cm3n	Inhalable fraction. Respirable fibers. Inhalable fraction. Respirable fraction. Respirable fraction. Inhalable fraction. *k Environment) Form Respirable dust. Total dust. Fiber. Total dust.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) VERMICULITE**** (CAS 1318-00-9) Canada. Quebec OELs. (M Components CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA	TWA TWA TWA TWA TWA Inistry of Labour - Regulation Resp Type TWA	10 mg/m3 0.5 fibers/mL 5 mg/m3 0.1 mg/m3 3 mg/m3 10 mg/m3 ecting the Quality of the Work Value 5 mg/m3 10 mg/m3 10 mg/m3 1 fibers/cm3n	Inhalable fraction. Respirable fibers. Inhalable fraction. Respirable fraction. Respirable fraction. Inhalable fraction. *k Environment) Form Respirable dust. Total dust. Fiber.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) VERMICULITE**** (CAS 1318-00-9) Canada. Quebec OELs. (M. Components CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS	TWA TWA TWA TWA Inistry of Labour - Regulation Response Type TWA TWA	10 mg/m3 0.5 fibers/mL 5 mg/m3 0.1 mg/m3 3 mg/m3 10 mg/m3 ecting the Quality of the Work Value 5 mg/m3 10 mg/m3 1 fibers/cm3n	Inhalable fraction. Respirable fibers. Inhalable fraction. Respirable fraction. Respirable fraction. Inhalable fraction. *k Environment) Form Respirable dust. Total dust. Fiber. Total dust.
CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7) VERMICULITE**** (CAS 1318-00-9) Canada. Quebec OELs. (M Components CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4) CONTINUOUS FILAMENT GLASS FIBERS*** (CAS 65997-17-3) CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7)	TWA TWA TWA TWA Inistry of Labour - Regulation Response Type TWA TWA TWA	10 mg/m3 0.5 fibers/mL 5 mg/m3 0.1 mg/m3 3 mg/m3 10 mg/m3 ecting the Quality of the Wordue 5 mg/m3 10 mg/m3 1 fibers/cm3n 10 mg/m3 0.1 mg/m3	Inhalable fraction. Respirable fibers. Inhalable fraction. Respirable fraction. Respirable fraction. Inhalable fraction. *K Environment) Form Respirable dust. Total dust. Fiber. Total dust. Respirable dust.
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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

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

Hand protection For prolonged or repeated skin contact use suitable protective gloves.

Other 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 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

Paper faced gypsum boards **Appearance**

Physical state Solid. **Form** Solid.

Colour Facing color varies

Odour Odorless **Odour threshold** Not available.

рH

Melting point/freezing point 1450 °C (2642 °F) 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

Flammability limit - lower Not applicable

(%)

Flammability limit -

Not applicable

upper (%)

Explosive limit - lower

(%)

Not available.

Explosive limit – upper

Not available.

(%)

Vapour pressure Not applicable Vapour densityNot applicableRelative density2.2 - 2.4 g/cm3

Solubility(ies)

Solubility (water) 0.2 % @ 22°C

Partition coefficient Not applicable

(n-octanol/water)

Auto-ignition temperatureNot applicableDecomposition temperatureNot available.ViscosityNot 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.

Acids.

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

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.

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

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

Components	Species	Test results
BORIC ACID** (CAS 10043-35-3)		

Acute Inhalation

LC50 Rat > 2 mg/l, 4 Hours

Oral

LD50 Rat 2660 mg/kg

CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4)

Acute Oral

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

CONTINUOUS FILAMENT GLASS FIBERS*** (CAS Irritant

65997-17-3)

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

BORIC ACID** (CAS 10043-35-3) A4 Not classifiable as a human carcinogen.

CONTINUOUS FILAMENT GLASS FIBERS*** (CAS A2 Suspected human carcinogen.

65997-17-3)

A4 Not classifiable as a human carcinogen. CRYSTALLINE SILICA (QUARTZ)* (CAS 14808-60-7)

A2 Suspected human carcinogen.

Canada - Alberta OELs: Carcinogen category

CONTINUOUS FILAMENT GLASS FIBERS*** (CAS Suspected human carcinogen.

65997-17-3)

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

Not classifiable as a human carcinogen.

65997-17-3)

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

Canada - Quebec OELs: Carcinogen category

CONTINUOUS FILAMENT GLASS FIBERS*** (CAS Detected carcinogenic effect in animals.

65997-17-3)

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

CONTINUOUS FILAMENT GLASS FIBERS*** (CAS

65997-17-3)

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

Reproductive toxicityNot classified. **Specific target organ toxicity**Not classified.

- single exposure

Specific target organ toxicity Not classified.

- repeated exposure

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

Reasonably Anticipated to be a Human Carcinogen.

12. Ecological information

Ecotoxicity Contains a substance which causes risk of hazardous effects to the environment. Not considered to

be harmful to aquatic life.

ComponentsSpeciesTest resultsBORIC ACID** (CAS 10043-35-3)AquaticCrustaceaEC50Daphnia766.5 mg/l, 48 HoursFishLC50Razorback sucker (Xyrauchen texanus)> 100 mg/l, 96 hours

Components Species Test results

CALCIUM SULFATE DIHYDRATE (CAS 10101-41-4)

Aquatic

Acute

Fish LC50 Fathead minnow (Pimephales promelas) > 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 potentialNo data available. **Mobility in soil**No data available.

Other adverse effectsNo 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 instructionsDispose 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 Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

15. Regulatory information

Canadian regulationsThis 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

16. Other information

Issue date 04-14-2017 **Revision date** 09-22-2017

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 Product and Company Identification: Product Codes

> Accidental release measures: Methods and materials for containment and cleaning up Handling and storage: Conditions for safe storage, including any incompatibilities

GHS: Classification

^{*}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).