

SAFETY DATA SHEET**Section 1: Identification****1.1 Product identifier:**

GlasRoc® Sheathing
GlasRoc® Sheathing Type X

1.2 Recommended Uses:

Exterior sheathing used in the construction of buildings.

Restrictions on use: None identified

1.3 Details of the supplier of the Safety Data Sheet:

CertainTeed Gypsum, Inc.

20 Moores Road

Malvern, PA 19355

Web Site: www.certainteed.com

CertainTeed Gypsum Canada, Inc.

2424 Lakeshore Road West,

Mississauga, Ontario, Canada

L5J 1K4

Web Site: www.certainteed.com

1.4 Emergency telephone number:

In case of an emergency call Team-1 Environmental Services Inc.

1-800-32 SPILL; 1-800-327-7455 (24 hrs)

Section 2: Hazards Identification**2.1 GHS Classification:**

Not classified under any GHS hazard classes.

2.2 Label elements:

Not classified

2.3 Other hazards:

Solid composite article. CertainTeed GlasRoc® Sheathing products do not present an inhalation, ingestion, or contact health hazard unless subjected to mechanical processing which may result in the generation of exposed glass fibers, inhalable dust or airborne particulate.

This SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Section 3: Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Wt. %</u>
Calcium sulfate	10101-41-4	89-96
Continuous filament glass mat	65997-17-3	1 - 2

Section 4: First Aid Measures**4.1 Description of first aid measures:**

Inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If exposed or concerned: Get medical advice/attention.

Eye Contact: If in eyes: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists get medical advice/attention. DO NOT attempt to manually remove anything stuck to the eye.

Skin Contact: If on skin, wash with plenty of soap and water. If skin irritation or rash occurs get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Ingestion: If irritation or discomfort occurs, obtain medical attention immediately.

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4.2 Most important symptoms / effects acute and delayed:

Inhalation: High concentrations of dust from cutting or abrading may cause coughing and mild, temporary irritation by mechanical action.

Heavy prolonged industrial exposure to high airborne concentrations of dust may cause impaired lung function. Chronic bronchitis, pulmonary fibrosis and respiratory tract lesions have also been reported with high level inhaled dust exposures.

Eye Contact: Particles may cause irritation as an abrasive in the eye.

Skin Contact: Prolonged skin contact may be abrasive to the skin.

Ingestion: Swallowing is not expected under normal conditions of use. If swallowed, may cause gastrointestinal problems.

4.3 Indication of any immediate medical attention and special treatment needed:

Not applicable

Section 5: Firefighting Measures

5.1 Extinguishing media:

Use water and other extinguishing media appropriate to the surrounding fire conditions.

5.2 Special hazards arising from the substance or mixture:

Product is not flammable and does not support combustion.

Under fire conditions products of combustion may include polymer fragments, nitrogen oxides, sulfur oxides, carbon monoxide and carbon dioxide.

Calcium sulfate may decompose into corrosive calcium oxide and oxides of sulfur at about 1450°C (2642°F).

5.3 Advice for firefighters:

As for any fire, evacuate the area and fight the fire from a safe distance. Firefighters must wear full protective equipment including self-contained breathing apparatus with chemical protection clothing when firefighters are exposed to decomposition products from this material.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

Wear protective gloves and clothing to prevent skin contact.

6.2 Environmental precautions:

Prevent releases into the environment.

6.3 Methods and material for containment and cleaning up:

Pick up or scoop spilled material and place in an appropriate container for re-use or disposal.

Section 7: Handling and Storage

7.1 Precautions for safe handling:

Minimize dust generation and accumulation.

Avoid breathing dusts.

Wear protective gloves.

Wear eye protection when cutting and sanding.

7.2 Conditions for safe storage, including any incompatibilities:

Store in dry condition, protected from weather and out of direct sunlight.

KEEP OUT OF REACH OF CHILDREN. Store product flat.

Section 8: Exposure Controls / Personal Protection

8.1 Control parameters:

Occupational Exposure Limits: Consult local authorities for acceptable exposure limits.

<u>Ingredient</u>	<u>ACGIH TLV (8-hr. TWA)</u>	<u>U.S. OSHA PEL (8-hr. TWA)</u>	<u>Ontario (Canada) TWAEV</u>

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Calcium sulfate	10 mg/m ³ (inhalable fraction)	15 mg/m ³ (total dust); 5 mg/m ³ (respirable fraction)	Refer to ACGIH TLV
Fiberglass Mat – Synthetic Vitreous Fibers	5 mg/m ³ (inhalable) 1 f/cc (respirable fibers)	15 mg/m ³ (total dust); 5 mg/m ³ (respirable fraction)	5 mg/m ³ (inhalable) 1 f/cc (Respirable fibers: length > 5µm; aspect ratio ≥3:1)

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Section 8: Exposure Controls / Personal Protection, continued

8.2 Exposure controls:

Engineering Controls: General ventilation is adequate for application of product in its original form. If airborne particulates are generated, monitor dust concentrations in air and provide local exhaust ventilation when any exposure guideline is exceeded.

Personal Protection: If engineering controls and work practices are not effective in controlling exposure to this material or if adverse health symptoms are experienced, then wear suitable personal protection equipment including approved respiratory protection. Have appropriate equipment available for use in emergencies such as spills or fire.

Eye/Face Protection: Wear safety glasses or goggles.

Skin Protection: Wear protective gloves and clothing. Launder contaminated clothing before re-wearing.

Respiratory Protection: When dust concentrations in air exceed the occupational exposure guidelines, always take the following precautions:

- Wear a NIOSH approved dust respirator.
- Maintain adequate ventilation and air circulation.
- Warn others in the area.

A respiratory protection program that meets the regulatory requirement, such as OSHA's 29 CFR 1910.134, ANSI Z88.2 or Canadian Standards Association (CSA) Standard Z94.4, must be followed whenever workplace conditions warrant a respirator's use.

Other Protection: Do not eat, drink or smoke in work areas. Wash hands thoroughly after handling this material.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

Appearance:	Solid. Boards with white core and surface coatings.
Odor:	Odorless
Odor threshold:	Not applicable
pH:	Not applicable
Melting point/freezing point:	Not applicable
Initial boiling point and boiling range:	Not applicable
Flash point:	Not applicable
Flammability:	Not flammable or combustible
Auto-ignition temperature:	Not applicable
Upper/lower flammability or explosive limits:	Not applicable
Explosive properties:	Not applicable
Oxidising properties:	Not applicable
Sensitivity to mechanical impact:	Not applicable
Sensitivity to static discharge:	Not available
Evaporation rate:	Not applicable
Vapor pressure:	Not applicable
Vapor density:	Not applicable
Relative density:	2.30-2.37 (water = 1)
Solubility (ies):	Insoluble in water
Partition coefficient (n-octanol/water):	Not applicable
Decomposition temperature:	>300°C (573°F) for binders and polymer coating
Viscosity:	Not applicable

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Section 10: Stability and Reactivity

10.1 Reactivity:

Not classified for reactivity hazards.

10.2 Chemical Stability:

Stable at normal ambient and anticipated storage and handling conditions.

10.3 Possibility of Hazardous Reactions:

None known.

10.4 Conditions to Avoid:

Not available

10.5 Incompatible Materials:

None known.

10.6 Hazardous Decomposition Products:

Thermal decomposition of polymer coating at >300°C (573°F) may release trace amounts of acetaldehyde and /or formaldehyde gas.

Section 11: Toxicological Information

11.1 Information on toxicological effects:

Likely routes of exposure

Skin contact

Acute toxicity

Inhalation: Data not available. None of the component substances are toxic or harmful by inhalation.

Ingestion: Data not available. None of the component substances are toxic or harmful if swallowed.

Skin: Not absorbed through the skin.

Acute toxicity data:

Acute Toxicology data are not available for this solid article.

Skin corrosion / irritation

Data not available. Contact with glass fibers released from this product can be irritating to the skin.

Serious eye damage / irritation

Particulates in the eye may cause irritation by mechanical action.

STOT (Specific Target Organ Toxicity) – Single exposure

Data not available. Inhaling high concentrations of dust, during installation of product, may cause coughing and mild, temporary irritation.

STOT (Specific Target Organ Toxicity) – Repeated exposure

Data not available.

Aspiration hazard

Does not meet criteria for classification for aspiration toxicity.

Sensitization - respiratory and/or skin

Not known to be a skin or respiratory sensitizer.

Carcinogenicity

Occupational exposures to Synthetic vitreous glass fibers were evaluated for carcinogenicity by ACGIH: (American Conference of Governmental Industrial Hygienists) as A4: Not Classifiable as a Human Carcinogen and by IARC: (International Agency for Research on Cancer) in Group 3: The agent is not classifiable as to its carcinogenicity in humans.

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Section 11: Toxicological Information, continued

Reproductive toxicity

Development of offspring: Data not available

Sexual function and fertility: Data not available

Effects on or via lactation: Data not available

Germ cell mutagenicity

Data not available

Interactive effects

Data not available

Section 12: Ecological Information

12.1 Toxicity:

Ecotoxicity data are not available.

12.2 Persistence and degradability:

Not available

12.3 Bioaccumulative potential:

Not available

12.4 Mobility in soil:

Not available

12.5 Other adverse effects:

Not available

Section 13: Disposal Considerations

13.1 Disposal methods:

Do NOT discharge into any sewers, on the ground or into any body of water.

Store material for disposal as indicated in Section 7 Handling and Storage.

The required hazard evaluation of the waste and compliance with the applicable hazardous waste laws are the responsibility of the user. Dispose of contents/container in accordance with local, regional, national and international regulations.

Section 14: Transport Information

14.1 UN Number

Not regulated by international transport regulations (IMDG, UN Model Regulations).

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not available

14.6 Special precautions for user

Not available

14.7 U.S. Hazardous Materials Regulation (DOT 49CFR):

Not regulated

14.8 Canada Transportation of Dangerous Goods (TDG) Regulations:

Not regulated

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Section 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Analytical results for hazardous substances:

Crystalline silica, quartz (14808-60-7): None detected in NIOSH method 7500 of bulk sample by XRD.

Asbestos fibers: None detected in Asbestos fibers analysis by polarized light microscopy (EPA/600/R-93/116 & EPA/600/M4-82-020)

USA

OSHA:

Not considered a hazardous chemical by the OSHA Hazard Communication Standard 29 CFR1910.1200 (2012).

TSCA Status:

Substances are listed on the TSCA inventory or are exempt.

Canada

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the SDS contains all the information required by the *Controlled Products Regulations* (WHMIS 1988).

WHMIS Classification:

WHMIS 1988: Not controlled.

WHMIS 2015: Not classified in any WHMIS hazard class.

NSNR Status:

Component substances are listed on the on the DSL or are exempt.

Section 16: Other Information

Revision date:

June 19, 2015

References and sources for data:

CCOHS, Cheminfo

RTECS, Registry of Toxic Effects of Chemical Substances

NIOSH, Pocket Guide to Chemical Hazards.

Methods for classification:

USA: Haz Com Standard 29 CFR 1910.1200 (2012)

Canada: Controlled Products Regulations WHMIS 1988/ Hazardous Products Regulations WHMIS 2015.

UNECE, Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Legend to abbreviations:

ACGIH – American Conference of Governmental Industrial Hygienists

GHS- Globally Harmonized System for Classification and Labeling.

OEL– Occupational exposure limit

OSHA - Occupational Safety and Health Administration

TWA – Time weighted average

TLV - Threshold Limit Value

WHMIS – Workplace Hazardous Materials Information System.

Additional information:

Information listed is believed to be accurate but not warranted or guaranteed.