

SAFETY DATA SHEET

Section 1: Identification

1.1 Product identifier:

Diamondback® Tile Backer
Diamondback® Tile Backer Type X

1.2 Recommended Uses:

Construction and interior building walls.
Restrictions on use: None identified

1.3 Supplier:

CertainTeed Gypsum, Inc.
20 Moores Road
Malvern, PA 19355
Web Site: www.certainteed.com

1.4 Emergency telephone number:

In case of an emergency call 1-888-255-3924 (24 hours)

Section 2: Hazards Identification

2.1 Classification:

Not classified under any hazard class according to US Hazard Communication Standard (HCS 2012)

2.2 Label elements:

Not classified, no label elements assigned.

2.3 Other hazards:

Solid composite article. Diamondback® Tile Backer products do not present an inhalation, ingestion, or contact health hazard unless subjected to mechanical processing which may result in exposed glass fibers and the generation of airborne dust or particulate. Glass fibers are irritating to the skin by mechanical action.

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

Chemical Name	CAS RN®	% (wt./wt.)
Calcium sulfate (Gypsum)	10101-41-4	>90
Continuous filament glass mat (Fiberglass mat)	65997-17-3	<5

Gypsum, Calcium sulphate dihydrate a naturally occurring mineral. Analyses of gypsum samples demonstrate that the concentration of crystalline silica as quartz is less than 0.025% (wt/wt %). This product contains no asbestos.

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.

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 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. Take off contaminated clothing and wash it before reuse.

Ingestion: If exposed or concerned: Get medical advice.

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4.2 Most important symptoms / effects acute and delayed:

Inhalation: Breathing dusts from cutting or sawing may cause mild, temporary irritation to the upper respiratory tract; symptoms of exposure may include sneezing, coughing and sore throat.

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

Skin Contact: May be irritating to the skin as an abrasive or mechanical irritation from glass fibers.

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

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

Not applicable

Section 5: Fire-fighting Measures

5.1 Extinguishing media:

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

5.2 Specific hazards arising from the product:

Product is not flammable and does not support combustion.

Under fire conditions product may decompose into sulfur oxides, carbon monoxide and carbon dioxide.

5.3 Special protective equipment and precautions for fire-fighters:

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 adequate gloves and other personal protective equipment, as indicated in Section 8.

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. Launder contaminated work clothing before re-wearing

Wear face protection during cutting and sawing.

Do not eat, drink or smoke in work areas.

Wash hands thoroughly after handling this material.

7.2 Conditions for safe storage, including any incompatibilities:

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

Keep out of reach of children.

Store product flat.

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Section 8: Exposure Controls / Personal Protection

8.1 Control parameters:

Occupational Exposure Limits: Consult local authorities for state or province specific exposure limits.

<u>Chemical name</u>	<u>ACGIH® TLV®</u>	<u>U.S. OSHA PEL</u>	<u>Other Exposure Limits</u>
Calcium sulfate	10 mg/m ³ (inhalable)	15 mg/m ³ (total dust); 5 mg/m ³ (respirable)	NIOSH REL : 10 mg/m ³ (total); 5 mg/m ³ (respirable)
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)	NIOSH REL : 3 fibers/cm ³ (fibers ≤ 3.5 µm in diameter & ≥ 10 µm in length) TWA 5 mg/m ³ (total)

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 sufficient to keep exposure to dust below the applicable exposure limits in the jurisdiction.

Eye/Face Protection: Not required but it is good practice to wear safety glasses or chemical safety goggles.

Skin Protection: Cut-resistant work gloves are recommended when handling this product due to the potential for cuts and abrasions from the rough edges of the product. Wear protective clothing as needed to protect skin from abrasion in contact with fibrous glass. 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 ANSI Z88.2 or Canadian Standards Association (CSA) Standard Z94.4, must be followed whenever workplace conditions warrant a respirator's use.

Other Protection: Not available

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

Appearance:	Solid. Boards or panels with white core and gray surface.
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 (solids, gases):	Not flammable
Auto-ignition temperature:	Not available
Upper/lower flammability or explosive limits:	Not applicable
Evaporation rate:	Not applicable
Vapor pressure:	Not applicable
Vapor density:	Not applicable
Relative density:	Not available
Solubility (ies):	Insoluble in water
Partition coefficient (n-octanol/water):	Not applicable
Decomposition temperature:	Not available
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:

Avoid contact with water/moisture.

10.5 Incompatible Materials:

None known.

10.6 Hazardous Decomposition Products:

None known.

Section 11: Toxicological Information

11.1 Likely routes of exposure

Skin contact

11.2 Acute toxicity

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

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

Skin: Data not available. None of the component substances are absorbed through the skin.

11.3 Acute toxicity data:

Acute Toxicology data are not available for this solid article.

11.4 Skin corrosion / irritation

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

11.5 Serious eye damage / irritation

Particulates in the eye may cause irritation by mechanical action.

11.6 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.

11.7 STOT (Specific Target Organ Toxicity) – Repeated exposure

Data not available.

11.8 Aspiration hazard

Does not meet criteria for classification for aspiration toxicity.

11.9 Sensitization - respiratory and/or skin

Not known to be a skin or respiratory sensitizer.

11.10 Carcinogenicity

No ingredients of this product have been evaluated for carcinogenicity by the International Agency for Research on Cancer (IARC) or the American Conference of Governmental Industrial Hygienists (ACGIH®).

Occupational exposures to Synthetic vitreous glass fibers

IARC - Group 3: Not classifiable as to its carcinogenicity in humans

ACGIH® - A4: Not Classifiable as a Human Carcinogen

11.11 Reproductive toxicity

Data not available

11.12 Germ cell mutagenicity

Data not available

11.13 Interactive effects

Data not available

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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.

No Asbestos fibers detected in Asbestos fibers analysis by polarized light microscopy (EPA/600/R-93/116 & EPA/600/M4-82-020)

USA

TSCA Status: Substances are listed on the TSCA inventory or are exempt.

California Prop 65:

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.
For more information go to www.P65Warnings.ca.gov.

Canada

NSNR Status: Component substances are listed on the on the DSL or are exempt.

Section 16: Other Information

Revision date:

November 23, 2018

Revision details:

Revisions since previous version October 2016: California Prop 65 Section 15.

References and sources for data:

CCOHS, Cheminfo

RTECS, Registry of Toxic Effects of Chemical Substances

NIOSH, Pocket Guide to Chemical Hazards

Canada: Controlled Products Regulations (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.

IARC - The International Agency for Research on Cancer

NTP – National Toxicology Program

PEL– Permissible 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.