

PRODUCT INFORMATION SHEET

ULTRA BLOCK® MECHANICAL EXPANSION AND CONSTRUCTION JOINT FIRESTOPPING SYSTEMS

IMPORTANT INFORMATION: Textile Fiberglass is an “article”, not a chemical, as defined in 29 CFR 1910.1200©. It does not require a Safety Data Sheet under OSHA’s Hazard Communication Standard. As a service to our customers, however, Backer Rod Mfg. Inc. has produced this Product Information Sheet.

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: Ultra Block®
Product Code: Not available
Other Means of Id: Not available
Product Type: Solid
Identified Uses: Fiberglass blanket for the construction industry
Manufacturer Name: Backer Rod Mfg. Inc.
4244 Broadway
Denver, CO 80216
800-595-2950
Fax: 303-308-0363
www.backerrod.com

SECTION 2 - HAZARDOUS IDENTIFICATION

OSHA/HCS Status: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CF 1910.1200), this product information sheet contains valuable information critical to the safe handling and proper use of this product. This product information sheet should be retained and available for employees and other users of this products.

Classification of the substance or mixture: Not classified

GHS Label Elements

Signal Word No signal word
Hazardous Statements No known significant effects or critical hazards

Precautionary Statements

Prevention Not applicable
Response Not applicable
Storage Not applicable
Disposal Not applicable

Hazards not otherwise classified (HNOC): None Known



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SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture
Other means of ID: Not available
CAS Number/Other Identifiers

Ingredient Name	CAS Number	%
Glass, Oxide, Chemicals	65997-17-3	60-70
Vermiculite Ore	N/A	25-30
Phenol, polymer with formaldehyde, reaction products with hexamethylenetetramine (cured)	68585-23-9	10-30
Black Mat Facing	N/A	1-2

“Phenolic Nocalac Resin/Hexamine” is thermoset into our insulation during our glass manufacturing process. Berkeley Analytical lab testing, for Formaldehyde Emissions, concluded that our final product was free of formaldehyde. The formaldehyde emission test was performed following the guidance of ASTM Standard Guide D 5116. Sampling and analysis for low molecular weight aldehydes were performed following ASTM Standard Method D 5197.

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are in Section 8.

SECTION 4 - FIRST AID MEASURES

Description of Necessary First Aid Measures:

- Eye Contact:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eye lids. Check for and remove any contact lenses. Get medical attention if irritation occurs. Do not rub or scratch eyes. Dust particles may cause eye to be scratched.
- Inhalation:** Remove victim to fresh air and keep at a rest in a position comfortable for breathing. Get medical attention if symptoms occur. Drink water to clear throat, and blow nose to remove dust. A saline spray in the nose may help clear any fibers. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Skin Contact:** Wash gently with soap and cool or room temperature water to remove dust and fibers. Get medical attention if symptoms occur.
- Ingestion:** Rinse mouth out with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. This material is not meant to be ingested. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

SECTION 4 - FIRST AID MEASURES CONTINUED

Most Important Symptoms/Effects, Acute and Delayed Potential Acute Health Effects

Eye Contact:	Dust and fibers from this product may cause temporary mechanical irritation to the eyes.
Skin Contact:	Dust and fibers from this product may cause temporary mechanical irritation and redness to the skin
Ingestion:	Ingestion of this product is unlikely, however, may cause gastrointestinal irritation.

Over-exposed Signs/Symptoms

Eye Contact:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Skin Contact:	No known significant effects or critical hazards.
Ingestion:	No known significant effects or critical hazards.

Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary:

Notes to Physician:	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific Treatments:	No specific treatment
Protection of First-Aiders:	No special protection is required

See Toxicological Information (Section 11)

SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media	Use dry chemical, CO ₂ , water spray (fog) or foam
Unsuitable Extinguishing Media:	None known
Specific hazard arising from the chemical:	No Specific fire or explosion hazard.
Hazardous Thermal Decomposition Products:	Decomposition products may include the following materials: Carbon Dioxide, Carbon Monoxide, Ammonia, Water
Special Actions for Fire-Fighters:	Fire-Fighters should avoid inhaling any combustion products.
Special Protective Equipment for Fire-Fighters:	Fire-Fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a face-piece operated in a positive pressure mode.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

For non-emergency Personnel:	Put on appropriate personal protective equipment.
For emergency responders:	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental Precautions:	Pick up large pieces and dispose as listed in Section 13 of this PIS

Methods and Materials for Containment and Cleaning Up

Spill:	Pick up large pieces. Vacuum dusts and loose fibers. If sweeping is necessary, use a dust suppressant such as water. Do not dry sweep dust. Never use compressed air for clean-up. Dispose of via a licensed waste disposal contractor. Note: See Section 13 for waste disposal.
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SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Protective Measures:	Put on appropriate personal protective equipment (see Section 8)
Advise on General Occupational Hygiene:	Eating, drinking and smoking should be prohibited in areas where this material is being handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See Section 8 for additional information on hygiene measures.
Storage:	Storage should be in accordance with packaging directions, if any. Material should be stored in a dry place and kept in its original packaging until use.
Conditions for Safe Storage including any incompatibilities:	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (See Section 10) and food and drink. Keep in original packaging until ready for use.

SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control Parameters

Occupational Exposure Limits:	The Occupational Safety and Health Administration (OSHA) have not adopted specific exposure standards for fiber glass. Fiber glass is treated as a nuisance dust and is regulated by OSHA as a particulate not otherwise regulated (total dust) show in CFR 1910-10000 Table Z-3
Appropriate Engineering Controls:	Good general ventilation should be sufficient to control worker exposure to airborne dust.
Environmental Exposure Controls:	Pick up solid pieces and dispose of as listed in Section 13.

Individual Protection Measures

Hygiene Measures:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the work station.
Eye/Face Protection:	Safety eye wear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases, or dust. If contact is possible, the following protection should be work, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. In dusty environments chemical goggles should be worn to protect against mechanical abrasion.

Skin Protection

Hand Protection:	Cotton or leather gloves should be worn to protect against mechanical abrasion.
Body Protection:	Wear a cap, a loose fitting long sleeve shirt and long pants to protect skin from mechanical irritation. Exposed skin areas should be washed with soap and water after handling or working with fiber glass.

SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Other Skin Protection:	Clothing should be washed separately from other cloths, and the washer should be rinsed thoroughly (run an empty wash cycle). This will help reduce the chances of fiber glass being transferred to other clothing.
Respiratory Protection:	A NIOSH approved N-95 series disposable respirator should be used if ventilation is unavailable, or is inadequate for keeping dust and fiber levels below applicable exposure limits referenced in Section 8 of this Product Information Sheet.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State:	Solid (Fibrous Glass Blanket)
Color:	Black
Odor:	Organic (Slight)
Odor Threshold:	Not available
pH:	Not applicable
Melting Point:	Not available
Boiling Point:	Not applicable
Flash Point:	Not applicable
Evaporation Rate:	Not applicable
Flammability (Solid, Gas):	Non-flammable
Lower and Upper Explosive (Flammable) Limits:	Not available
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Relative Density:	Not applicable
Solubility:	Slight
Partition Coefficient Octanol/Water:	Not available
Auto-Ignition Temp:	Not available
Decomposition Temp:	Not available
Viscosity	Not applicable
Volatility	Not available
VOC (w/w)	0% (w/w)

SECTION 10 - STABILITY AND REACTIVITY

Reactivity:	No specific test data related to reactivity available for this product or its ingredient
Chemical Stability:	The product is stable under most conditions.
pH:	Not applicable
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to Avoid:	None
Incompatible Materials:	None
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Acute Toxicity: There is not data available.

Irritation/Corrosion: Dust from this product is a mechanical irritant; which means it may cause irritation or scratchiness of the throat and/ or itching and redness of the eyes and skin.

Sensitization: There is not data available

Carcinogenicity

Classification

Product/Ingredient Name	OSHA	IARC	NTP	ACGIH	EPA	NIOSH
Glass, Oxide, Chemicals	-	3	-	A4	-	-

Specific Target Organ Toxicity (Single Exposure): There is not data available

Specific Target Organ Toxicity (Repeated Exposure): There is not data available

Aspiration Hazard: There is not data available

Information on the likely Routes of Exposure: Dermal contact, Eye Contact, Inhalation, Ingestion

Potential Acute Health Effects

Eye Contact: Dust and fibers from this product may cause temporary mechanical irritation to the eyes.

Inhalation: Dust and fibers from this product may cause temporary mechanical irritation to the nose, throat and respiratory track.

Skin Contact: Dust and fibers from this product may cause temporary mechanical irritation and redness to the skin.

Ingestion Ingestion of this product is unlikely; however, ingestion may cause gastrointestinal irritation.

SECTION 11 - TOXICOLOGICAL INFORMATION CONTINUED

Symptoms related to the Physical, Chemical, and Toxicological Characteristics

Eye Contact:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Skin Contact:	No known significant effects or critical hazards.
Ingestion:	No known significant effects or critical hazards.

Delayed and Immediate Effects and also Chronic Effects from Short and Long Term Exposure

Short Term Exposure

Potential Immediate Effects:	No known significant effects or critical hazards
Potential Delayed Effects:	No known significant effects or critical hazards.

Long Term Exposure

Potential Immediate Effects:	No known significant effects or critical hazards
Potential Delayed Effects:	No known significant effects or critical hazards.

Potential Chronic Health Effects

General:	No known significant effects or critical hazards.
Carcinogenicity:	No known significant effects or critical hazards.
Mutagenicity:	No known significant effects or critical hazards.
Teratogenicity:	No known significant effects or critical hazards.
Developmental Effects:	No known significant effects or critical hazards.
Fertility Effects:	No known significant effects or critical hazards.

Numerical Measures of Toxicity

Acute Toxicity Estimates:	There is no data available.
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SECTION 12 - ECOLOGICAL INFORMATION

Toxicity:	There is no data available.
Persistence and Degradability:	There is no data available.
Bioaccumulative Potential:	There is no data available.

Mobility in Soil

Soil/Water Partition Coefficient (Koc): There is no data available.

Other Adverse Effects:	No known significant effects or critical hazards.
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SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Methods:	This product is not to be expected a hazardous waste when it is disposed of according to the U.S. Environmental Protection Agency (EPA). Disposal of this products, solutions and any by-products should comply with the requirements of the environmental protection and waste disposal legislation and any regional local authority requirements.
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SECTION 14 - TRANSPORTATION INFORMATION

	DOT	IMDG	IATA
UN Number	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name	-	-	-
Transport Hazard Class(es)	-	-	-
Packing Group	-	-	-
Environmental Hazards	No.	No.	No.
Additional Information	-	-	-

Special Precautions for User: These products are not classified as dangerous goods according to international transport regulations.

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

SECTION 15 - REGULATORY INFORMATION

U.S. Federal Regulations: TSCA 8(a) Exempt/Partial exemption: Not determined
United States Inventory (TSCA 8b): All components are listed exempted.

**Clean Air Section 112(b):
Hazardous Air Pollutants (HAPs)** Not Listed

**Clean Air Section 602 Class I:
Substances** Not Listed

**Clean Air Section 602 Class II:
Substances** Not Listed

**DEA List I Chemicals:
(Precursor Chemicals)** Not Listed

**DEA List I Chemicals:
(Precursor Chemicals)** Not Listed

SARA 302/304

Composition/Information on Ingredients: No products were found

SARA 304 RQ: Not applicable

SARA 311/312 Classification: Not Applicable

SARA 313: No products were found.

State Regulations: There is no data available.

Massachusetts: The following components are listed: Glass, Oxide, Chemicals.

New York: None of the components are listed.

New Jersey: None of the components are listed.

Pennsylvania: None of the components are listed.

California Prop. 65: None products were found

SECTION 16 - OTHER INFORMATION

History

Date of Issue mm/dd/yyyy: 08/01/2018

Version: 1

Prepared By: Backer Rod Mfg. Inc.

Key to Abbreviations:

ATE - Acute Toxicity Estimate

BCF - Bioconcentration Factor

GHS - Globally Harmonized System of Classification and labeling of chemicals

IATA - International Air Transport Association

IBC - Intermediate Bulk Container

IMDG - International Maritime Dangerous Goods

LogPow - Logarithm of octanol/water partition coefficient

MARPOL 73/78 - International Convention for the Protection of Pollution from Ships, 1973 as modified by the protocol of 1978 ("Marpol" - Marine Pollution)

UN - United Nations

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein/

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



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