1. Identification

Product identifier BEADEX® Mesh Tape
Other means of identification
SDS number 05000054001
Synonyms Fiberglass Tape
Recommended use Interior use.
Recommended restrictions Use in accordance with manufacturer’s recommendations.
Manufacturer / Importer / Supplier / Distributor information
Company name United States Gypsum Company
Address 550 West Adams Street
Chicago, Illinois 60661-3637
Telephone 1-800-874-4968
Website www.usg.com
Emergency phone number 1-800-507-8899

2. Hazard(s) identification

Physical hazards Not classified.
Health hazards Not classified.
OSHA defined hazards Not classified.

Label elements
Hazard symbol None.
Signal word None.
Hazard statement None.

Precautionary statement
Prevention Observe good industrial hygiene practices.
Response Get medical attention/advice if you feel unwell.
Storage Store as indicated in Section 7.
Disposal Dispose of in accordance with local, state, and federal regulations.

Hazard(s) not otherwise classified (HNOC) None known.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous filament glass fiber</td>
<td>65997-17-3</td>
<td>60-80</td>
</tr>
</tbody>
</table>

Composition comments All concentrations are in percent by weight unless ingredient is a gas. Product is composed of continuous fibers that do not qualify as respirable.

4. First-aid measures

Inhalation Due to the physical nature of this product, inhalation is unlikely. There are no known health effects due to inhalation.

Skin contact Direct, prolonged or repeated contact with the skin may cause irritation. Rinse area with plenty of water. Get medical attention if irritation develops and persists.

Eye contact Direct contact can cause irritation of eyes. Immediately flush eye(s) with plenty of water. If burning, redness, itching, pain or other symptoms persist or develop, consult physician.

Ingestion Due to the physical nature of this product, ingestion is unlikely. There are no known health effects due to ingestion.

Most important symptoms/effects, acute and delayed Mechanical irritation of skin, eyes and respiratory system.

Indication of immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically.
5. Fire-fighting measures

Suitable extinguishing media
Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media
Not applicable.

Specific hazards arising from the chemical
Not a fire hazard.

Special protective equipment and precautions for firefighters
Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment/instructions
Use standard firefighting procedures and consider the hazards of other involved materials.

Specific methods
Cool material exposed to heat with water spray and remove it if no risk is involved.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
See Section 8 of the SDS for Personal Protective Equipment.

Methods and materials for containment and cleaning up
No specific clean-up procedure noted. For waste disposal, see Section 13 of the SDS.

7. Handling and storage

Precautions for safe handling
Avoid contact with skin and eyes. Wear appropriate personal protective equipment. Wash hands after handling. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities
Store at a minimum temperature of 45°F(7°C). Shelf life up to nine months under good storage conditions. Store away from incompatible materials. Protect product from physical damage.

8. Exposure controls/personal protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous filament glass fiber (CAS 65997-17-3)</td>
<td>TWA</td>
<td>1 fibers/cm³</td>
<td>Respirable fibers (length &gt; 5 µm &amp; aspect ratio ≥ 3:1)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5 mg/m³ Inhalable fraction.</td>
</tr>
</tbody>
</table>

US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous filament glass fiber (CAS 65997-17-3)</td>
<td>TWA</td>
<td>3 fibers/cm³</td>
<td>Respirable fibers (≤ 3.5 µm in diameter &amp; ≥ 10 µm in length)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5 mg/m³ Fiber, total</td>
</tr>
</tbody>
</table>

Biological limit values
No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls
Ventilation is not normally required.

Individual protection measures, such as personal protective equipment

Eye/face protection
Wear approved safety goggles.

Skin protection

Hand protection
It is a good industrial hygiene practice to minimize skin contact. For prolonged or repeated skin contact use suitable protective gloves.

Other
Normal work clothing (long sleeved shirts and long pants) is recommended.

Respiratory protection
Not necessary under normal conditions.

Thermal hazards
None.

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. Observe any medical surveillance requirements.

9. Physical and chemical properties

Appearance

Physical state
Solid.

Form
Fibrous tape
Color: White.
Odor: Low to no odor.
Odor threshold: Not applicable.
\( pH \): Not applicable.
Melting point/freezing point: 1292 °F (700 °C)
Initial boiling point and boiling range: Not applicable.
Flash point: Not applicable.
Evaporation rate: Not applicable.
Flammability (solid, gas): Not applicable.
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.
Vapor pressure: Not applicable.
Vapor density: Not applicable.
Relative density: 2.5 (H2O=1)
Solubility(ies)
   - Solubility (water): Insoluble in water.
Partition coefficient (n-octanol/water): Not applicable.
Auto-ignition temperature: Not applicable.
Decomposition temperature: Not applicable.
Viscosity: Not applicable.
Other information
   - Bulk density: 156 lb/ft³
   - VOC (Weight %): 0 %

10. Stability and reactivity
Reactivity: Not available.
Chemical stability: Material is stable under normal conditions.
Possibility of hazardous reactions: Hazardous polymerization does not occur.
Conditions to avoid: Contact with incompatible materials.
Incompatible materials: Strong oxidizing agents.
Hazardous decomposition products: Carbon dioxide.

11. Toxicological information
Information on likely routes of exposure
   - Ingestion: Under normal conditions of intended use, this material does not pose a risk to health.
   - Inhalation: Not likely, due to the form of the product.
   - Skin contact: Direct, prolonged or repeated contact with the skin may cause irritation.
   - Eye contact: Direct contact may cause mechanical irritation of the eyes.
Symptoms related to the physical, chemical and toxicological characteristics: May cause mechanical irritation of skin and eyes.
Information on toxicological effects
   - Acute toxicity: None known.
   - Skin corrosion/irritation: Prolonged skin contact may cause temporary irritation.
   - Serious eye damage/eye irritation: Direct contact with eyes may cause temporary irritation.
Respiratory or skin sensitization

Respiratory sensitization  No data available.

Skin sensitization  Not a skin sensitizer.

Germ cell mutagenicity  Not expected to be mutagenic.

Carcinogenicity  Not classified.

IARC Monographs. Overall Evaluation of Carcinogenicity

Continuous filament glass fiber (CAS 65997-17-3)  Not classifiable as to carcinogenicity to humans.

Reproductive toxicity  Not expected to be a reproductive hazard.

Specific target organ toxicity - single exposure  No data available, but none expected.

Specific target organ toxicity - repeated exposure  No data available, but none expected.

Aspiration hazard  Due to the physical form of the product it is not an aspiration hazard.

Further information  No other specific acute or chronic health impact noted.

12. Ecological information

Ecotoxicity  The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent releases can have a harmful or damaging effect on the environment.

Persistence and degradability  No data available.

Bioaccumulative potential  Bioaccumulation is not expected.

Mobility in soil  The product is not mobile in soil.

Other adverse effects  None expected.

13. Disposal considerations

Disposal instructions  Dispose in accordance with applicable federal, state, and local regulations. Recycle responsibly.

Local disposal regulations  Dispose of in accordance with local regulations.

Hazardous waste code  Not regulated.

Waste from residues / unused products  Dispose of in accordance with local regulations.

Contaminated packaging  Dispose of in accordance with local regulations.

14. Transport information

DOT  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. This product is a solid. Therefore, bulk transport is governed by IMSBC code.

15. Regulatory information

US federal regulations  This product is not hazardous according to OSHA 29CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)  Not regulated.


CERCLA Hazardous Substance List (40 CFR 302.4)  Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)  Immediate Hazard - No

Hazard categories  Delayed Hazard - No

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

SARA 302 Extremely hazardous substance  Not listed.
SARA 311/312 Hazardous chemical
No
SARA 313 (TRI reporting)
Not regulated.

Other federal regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.
Safe Drinking Water Act (SDWA)
Not regulated.

US state regulations
This product does not contain a chemical known to the State of California to cause cancer. Only applies to certain inhalable, bio persistent fibers.

US. Massachusetts RTK - Substance List
Not regulated.
US. New Jersey Worker and Community Right-to-Know Act
Not listed.
US. Pennsylvania Worker and Community Right-to-Know Law
Not listed.
US. Rhode Island RTK
Not regulated.
US. California Proposition 65
US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance
Not listed.

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>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A “Yes” indicates this product complies 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, including date of preparation or last revision
Issue date 04-February-2014
Revision date -
Version # 01

Further information
The International Agency for Research on Cancer (IARC) in June, 1987, categorized continuous filament glass fibers as not classifiable with respect to human carcinogenicity (Group 3). The evidence from human as well as animal studies was evaluated by IARC as insufficient to classify continuous filament glass fiber as a possible, probable, or confirmed cancer causing material. The ACGIH has established a TLV (Threshold Limit Value or recommended exposure limit) for continuous filament glass fiber of 1 fiber per cubic centimeter of air for respirable fibers and 5 mg per cubic meter of air for inhalable glass fiber dust. These levels were established to prevent mechanical irritation of the upper airways. IARC, NTP (US National Toxicology Program) and OSHA (US Occupational Safety and Health Administration) do not list continuous filament glass fibers as a carcinogen.

As manufactured, continuous filament glass fibers in this product are not respirable. Continuous filament glass products that are chopped, crushed or severely mechanically processed during manufacturing or use may contain a very small amount of respirable particulate, some of which may be glass shards.

NFPA Ratings:
Health: 0
Flammability: 0
Physical hazard: 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe
NFPA Ratings

List of abbreviations

References
HSDB® - Hazardous Substances Data Bank

Disclaimer
This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.