SAFETY DATA SHEET

1. Identification

Product identifier
BEADEX® Gold™ Lite Multi-Purpose Joint Compound, Ready-Mixed

Other means of identification
SDS number 61000010018
Synonyms Joint Compound (Ready Mixed), Finishing Compound, Mud, Taping Compound

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.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium carbonate</td>
<td>1317-65-3</td>
<td>&lt; 40</td>
</tr>
<tr>
<td>Kaolin</td>
<td>1332-58-7</td>
<td>&lt; 10</td>
</tr>
<tr>
<td>Perlite</td>
<td>93763-70-3</td>
<td>&lt; 10</td>
</tr>
</tbody>
</table>

Composition comments All concentrations are in percent by weight unless ingredient is a gas. Raw materials in this product contain respirable crystalline silica as an impurity. The weight percent of respirable crystalline silica found in this product is < 0.1%. The OSHA PEL for respirable crystalline silica has been lowered to 0.05 mg/m³, effective June 23, 2016 with compliance dates of June 23, 2017 for construction and June 23, 2018 for general industry. Testing of this product and its constituents suggests that under normal conditions the expected use of this product will not result in exposure to respirable crystalline silica that exceeds the OSHA PEL. However, actual exposures to respirable crystalline silica on a given jobsite must be determined by workplace hygiene testing.
4. First-aid measures

Inhalation
Dust irritates the respiratory system, and may cause coughing and difficulties in breathing. Move injured person into fresh air and keep person calm under observation. Get medical attention if symptoms persist.

Skin contact
Contact with dust: Rinse area with plenty of water. Get medical attention if irritation develops or persists.

Eye contact
Dust in the eyes: Do not rub eyes. Flush thoroughly with water. If irritation occurs, get medical assistance.

Ingestion
Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed
Dust may irritate eyes and mucous membranes of the nose, throat and upper respiratory system causing sneezing and/or coughing. May cause allergic skin disorders in sensitive individuals.

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

General information
Ensure that medical personnel are aware of the material(s) involved.

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.

General fire hazards
No unusual fire or explosion hazards noted.

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
Large Spills: Scoop spilled materials and recover as much of the product as possible for use. If spillage is unrecoverable dispose according to local, state, and federal regulations.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautions
Avoid discharge to drains, sewers, and other water systems.

7. Handling and storage

Precautions for safe handling
Avoid inhalation of dust and contact with skin and eyes. Minimize dust generation and accumulation. In case of insufficient ventilation, wear suitable respiratory equipment. Observe good industrial hygiene practices. Use proper lifting techniques.

Conditions for safe storage, including any incompatibilities
Store in a cool, dry, well-ventilated place. Store in a closed container away from incompatible materials. Protect from moisture. Keep away from heat. Do not use if material has spoiled, i.e., there is a moldy appearance or an unpleasant odor. Keep containers closed when not in use.

Filled 4.5 gallon pails of joint compound may be stacked a maximum of 3 layers high on a standard 48 x 48 pallet (16 pails per layer, 3 layers high). Pallets may only be stacked a maximum of two high.

Filled cartons of joint compound may be stacked a maximum of 3 layers high on a standard 42 x 42 or 42 x 48 pallet (16 pails per layer, 3 layers high). Pallets may only be stacked a maximum of two high.
8. Exposure controls/personal protection

Occupational exposure limits

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium carbonate (CAS 1317-65-3)</td>
<td>PEL</td>
<td>5 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Kaolin (CAS 1332-58-7)</td>
<td>PEL</td>
<td>15 mg/m3</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 mg/m3</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15 mg/m3</td>
<td>Total dust.</td>
</tr>
</tbody>
</table>

**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>Kaolin (CAS 1332-58-7)</td>
<td>TWA</td>
<td>2 mg/m3</td>
<td>Respirable 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>Calcium carbonate (CAS 1317-65-3)</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td>Respirable.</td>
</tr>
<tr>
<td>Kaolin (CAS 1332-58-7)</td>
<td>TWA</td>
<td>10 mg/m3</td>
<td>Total</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 mg/m3</td>
<td>Respirable.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 mg/m3</td>
<td>Total</td>
</tr>
<tr>
<td>Perlite (CAS 93763-70-3)</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td>Respirable.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 mg/m3</td>
<td>Total</td>
</tr>
</tbody>
</table>

**Biological limit values**

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

**Appropriate engineering controls**

Provide sufficient ventilation for operations causing dust formation. Observe occupational exposure limits and minimize the risk of exposure.

**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**: If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a NIOSH/MSHA approved air purifying respirator as needed to control exposure. Consult with respirator manufacturer to determine respirator selection, use, and limitations. Use positive pressure, air-supplied respirator for uncontrolled releases or when air purifying respirator limitations may be exceeded. Follow respiratory protection program requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator use.
- **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 separately from regular wash. Observe any medical surveillance requirements.

9. Physical and chemical properties

**Appearance**

- **Physical state**: Semi-solid.
- **Form**: Paste.
- **Color**: Off-white.
- **Odor**: Low to no odor.
- **Odor threshold**: Not applicable.
- **pH**: 7.5 - 9.9
- **Melting point/freezing point**: Not applicable.
Initial boiling point and boiling range
212 °F (100 °C)

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
1 - 1.3 (H2O=1)

Solubility(ies)
- Solubility (water)
  Soluble 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
  8.3 - 11 lb/gal
- VOC (Weight %)
  4 g/l (Calculated by EPA Method 24)

10. Stability and reactivity

Reactivity
The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability
Material is stable under normal conditions.

Possibility of hazardous reactions
Hazardous polymerization does not occur.

Conditions to avoid
None known.

Incompatible materials
None known.

Hazardous decomposition products
Above 1472°F (800°C) limestone (CaCO3) can decompose to lime (CaO) and release carbon dioxide (CO2).

11. Toxicological information

Information on likely routes of exposure
- Inhalation
  Airborne dust may irritate throat and upper respiratory system causing coughing.
- Skin contact
  May cause allergic skin reactions especially in individuals with pre-existing skin disease such as eczema. (See Section 16).
- Eye contact
  Airborne dust may cause mechanical eye irritation.
- Ingestion
  May cause discomfort if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics
Dust may irritate eyes and mucous membranes of the nose, throat and upper respiratory system causing sneezing and/or coughing.

Information on toxicological effects

Acute toxicity
Not expected to be a hazard under normal conditions of intended use.

Components

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kaolin (CAS 1332-58-7)</td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>&gt; 5000 mg/kg</td>
</tr>
</tbody>
</table>
### Components

#### Species

<table>
<thead>
<tr>
<th>Test Results</th>
<th>Species</th>
<th>LC50</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rat</td>
<td>&gt; 2 mg/l, 4 Hours</td>
<td>&gt; 5000 mg/kg</td>
<td></td>
</tr>
</tbody>
</table>

#### Skin corrosion/irritation
Prolonged or repeated skin contact may cause drying, cracking, or irritation.

#### Serious eye damage/eye irritation
Direct contact with eyes may cause temporary irritation.

#### Respiratory or skin sensitzation

- **Respiratory sensitization**
  Not a respiratory sensitizer.

- **Skin sensitization**
The product contains a small amount of sensitizing substance which may provoke an allergic reaction among sensitive individuals after repeated contact. For detailed information, see section 16.

#### Germ cell mutagenicity
Data does not suggest that this product or any components present at greater than 0.1% are mutagenic or genotoxic.

### 12. Ecological information

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

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kaolin (CAS 1332-58-7)</td>
<td>Crustacea</td>
<td>LC50 Daphnia magna &gt; 1.1 g/l, 48 Hours</td>
</tr>
</tbody>
</table>

#### Persistence and degradability
No data available.

#### Bioaccumulative potential
Bioaccumulation is not expected.

#### Mobility in soil
No data available.

#### 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.

15. Regulatory information

US federal regulations
This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components of this product are in compliance with the listing Requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

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

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not regulated.

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

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories
Immediate Hazard - No
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
US. Massachusetts RTK - Substance List
Calcium carbonate (CAS 1317-65-3)
Kaolin (CAS 1332-58-7)
Perlite (CAS 93763-70-3)

US. New Jersey Worker and Community Right-to-Know Act
Calcium carbonate (CAS 1317-65-3)
Kaolin (CAS 1332-58-7)
Perlite (CAS 93763-70-3)

US. Pennsylvania Worker and Community Right-to-Know Law
Calcium carbonate (CAS 1317-65-3)
Kaolin (CAS 1332-58-7)
Perlite (CAS 93763-70-3)

US. Rhode Island RTK
Not regulated.

US. California Proposition 65
WARNING: This product contains a chemical known to the State of California to cause cancer.
16. Other information, including date of preparation or last revision

**Issue date**
21-January-2014

**Revision date**
02-March-2017

**Version #**
03

**Further information**
Attapulgite: Carcinogenic to experimental animals via a route of exposure not relevant to human exposure per ACGIH.

Skin Sensitization Potential: This product contains an amount of Triazinetriethanol (THT) (CAS No. 4719-04-4) that is within the approved EPA regulated limits. THT can act as a sensitizer. Numerous human studies with concentrations up to 1% yielded negative (no sensitization) results. However, some results showed positive reactions in concentrations <0.5% mostly in persons with eczema.

Crystalline silica: Raw materials in this product may contain respirable crystalline silica as an impurity. Exposures to respirable crystalline silica are not expected during the normal use of this product. However, actual levels must be determined by workplace hygiene testing. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease (i.e., silicosis) and/or lung cancer.

**Bucket NFPA Classification:**
- Health: 0
- Flammability: 1
- Physical hazard: 0

**NFPA Ratings:**
- Health: 1
- Flammability: 0
- Physical hazard: 0

**Hazard Scale:** 0 = Minimal  1 = Slight  2 = Moderate  3 = Serious  4 = Severe

**List of abbreviations**

**References**
Registry of Toxic Effects of Chemical Substances (RTECS)
HSDB® - Hazardous Substances Data Bank
Torben et al. (2001). Environmental and Health Assessment of Substances in Household Detergents and Cosmetic Products.

**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.