



SAFETY DATA SHEET

1. Identification

Product identifier USG™ All Purpose Joint Compound, (K Box), Ready-Mixed

Other means of identification

SDS number 61000010010

Synonyms Joint Compound (Ready-Mixed) , Taping Compound, Mud, Finishing 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) Not classified.

3. Composition/information on ingredients

Mixtures

| Chemical name | CAS number | % |
|---------------|------------|------|
| Limestone | 1317-65-3 | < 40 |
| Mica | 12001-26-2 | < 5 |
| Attapulgit | 12174-11-7 | < 1 |

Composition comments All concentrations are in percent by weight unless ingredient is a gas.

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.

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)**

| Components | Type | Value | Form |
|---------------------------|------|----------|----------------------|
| Limestone (CAS 1317-65-3) | PEL | 5 mg/m3 | Respirable fraction. |
| | | 15 mg/m3 | Total dust. |

US. OSHA Table Z-3 (29 CFR 1910.1000)

| Components | Type | Value |
|-----------------------|------|-------------------------------------|
| Mica (CAS 12001-26-2) | TWA | 20 millions of particle 20 mppcf |

US. ACGIH Threshold Limit Values

| Components | Type | Value | Form |
|-----------------------|------|---------|----------------------|
| Mica (CAS 12001-26-2) | TWA | 3 mg/m3 | Respirable fraction. |

US NIOSH Pocket Guide to Chemical Hazards: Recommended exposure limit (REL)

| Components | Type | Value | Form |
|---------------------------|------|---------|-------------|
| Limestone (CAS 1317-65-3) | TWA | 5 mg/m3 | Respirable. |

US NIOSH Pocket Guide to Chemical Hazards: Recommended exposure limit (REL)

| Components | Type | Value | Form |
|--|---|---|----------------------|
| Mica (CAS 12001-26-2) | TWA | 10 mg/m ³ 3 mg/m ³ | Total Respirable. |
| 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 respirator 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 | 1.4 - 1.8 (H ₂ O=1) |
| Solubility(ies) | 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 | 12 - 15 lb/gal |
| VOC (Weight %) | 1.5 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 (CaCO ₃) can decompose to lime (CaO) and release carbon dioxide (CO ₂). |

11. Toxicological information

Information on likely routes of exposure

| | |
|---|--|
| Ingestion | May cause discomfort if swallowed. |
| 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. |
| 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. |
| 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 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. |
| Carcinogenicity | This product is not expected to increase the risk of cancer. |

IARC Monographs. Overall Evaluation of Carcinogenicity

| | |
|-----------------------------|--|
| Attapulgit (CAS 12174-11-7) | 2B Possibly carcinogenic to humans. 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 | Not classified. |
| Aspiration hazard | Not an aspiration hazard. |
| Chronic effects | Prolonged exposure may cause chronic effects. For detailed information, see section 16. |

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. |
| 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 a hazardous material by DOT.

IATA

Not regulated as a dangerous good.

IMDG

Not regulated as a dangerous good.

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 a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance No

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.

Food and Drug Administration (FDA) Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

Limestone (CAS 1317-65-3)
Mica (CAS 12001-26-2)

US. New Jersey Worker and Community Right-to-Know Act

Limestone (CAS 1317-65-3)
Mica (CAS 12001-26-2)

US. Pennsylvania Worker and Community Right-to-Know Law

Limestone (CAS 1317-65-3)
Mica (CAS 12001-26-2)

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.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Attapulgite (CAS 12174-11-7)

Crystalline silica (Quartz) (CAS 14808-60-7)

International Inventories

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | No |

*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 22-January-2014

Revision date -

Version # 01

Further information Vinyl acetate monomer, formaldehyde and acetaldehyde: Trace amounts of vinyl acetate monomer and formaldehyde may be found in this product.

Attapulgite: Carcinogenic to experimental animals via a route of exposure not relevant to human exposure.

Skin Sensitization Potential: This product contains an amount of Triazinetriethanol (THT) (CAS No. 4719-04-4) that is below 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.

Bucket NFPA Classification:

Health: 0

Flammability: 1

Physical hazard: 0

NFPA Ratings:

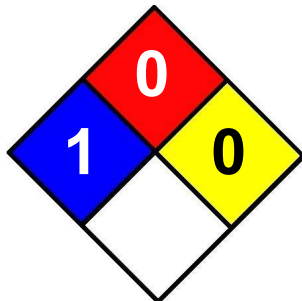
Health: 1

Flammability: 0

Physical hazard: 0

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

NFPA Ratings



List of abbreviations

NFPA: National Fire Protection Association.

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.