

# SHEETROCK® BRAND DRYING-TYPE ALL PURPOSE JOINT COMPOUND

## 1. IDENTIFICATION

### Product identifier

SHEETROCK® Brand Drying-Type All Purpose Joint Compound

### Synonym(s)

Joint Compound, 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

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## 2. HAZARD(S) IDENTIFICATION

### Classification of the substance or mixture

#### Physical hazards

Not classified.

#### Health hazards

Carcinogenicity.

#### OSHA defined hazards

Not classified.

#### Label elements

##### Hazard symbol



##### Signal word

Danger

##### Hazard statement

May cause cancer by inhalation.

##### Precautionary statement

###### Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection.

###### Response

If exposed or concerned: Get medical advice/attention.

###### Storage

Store locked up.

###### 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  | > 60 |
| Attapulgit    | 12174-11-7 | < 20 |
| Mica          | 12001-26-2 | < 20 |
| PVOH          | 9002-89-5  | < 2  |

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**Impurities**

| Chemical name               | CAS number | %   |
|-----------------------------|------------|-----|
| Crystalline silica (Quartz) | 14808-60-7 | > 1 |

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**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 <1.0%.

Exposures to respirable crystalline silica during the normal use of this product must be determined by workplace hygiene testing.

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**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**

Under normal conditions of intended use, this material does not pose a risk to health. Dust may irritate throat and respiratory system and cause coughing.

**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.

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**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 & 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.

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**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**

Vacuum up the spilled material. Vacuums used for this purpose should be equipped with HEPA filters. Collect in approved containers and seal securely. Containers must be labeled. For waste disposal, see Section 13 of the SDS.

**Environmental precautions**

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

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**7. HANDLING AND STORAGE****Precautions for safe handling**

Minimize dust production when mixing, sanding, or opening and closing bags. Avoid inhalation of dust. Wear appropriate personal protective equipment. Wash hands after handling. Observe good industrial hygiene practices and use appropriate 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.

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**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/m <sup>3</sup><br>15 mg/m <sup>3</sup> | Respirable fraction.<br>Total dust. |
| Starch (CAS 9005-25-8)    | PEL  | 5 mg/m <sup>3</sup><br>15 mg/m <sup>3</sup> | Respirable fraction.<br>Total dust. |

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

| Components                                      | Type | Value   | Form                                      |
|---|------|---|---|
| Mica (CAS 12001-26-2)                           | TWA  | 20 mppcf  |   |
| Impurities                                      | Type | Value   | Form                                      |
| Crystalline silica (Quartz)<br>(CAS 14808-60-7) | TWA  | 0.3 mg/m <sup>3</sup><br>0.1 mg/m <sup>3</sup><br>2.4 mppcf | Total dust.<br>Respirable.<br>Respirable. |

**US. ACGIH Threshold Limit Values**

| Components                                      | Type       | Value                                       | Form                 |
|---|------------|---|----------------------|
| Mica (CAS 12001-26-2)<br>Starch (CAS 9005-25-8) | TWA<br>TWA | 3 mg/m <sup>3</sup><br>10 mg/m <sup>3</sup> | Respirable fraction. |
| Impurities                                      | Type       | Value                                       | Form                 |
| Crystalline silica (Quartz) (CAS 14808-60-7)    | TWA        | 0.025 mg/m <sup>3</sup>                     | Respirable fraction. |

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

| Components   | Type              | Value   | Form  |
|--|-------------------|---|---|
| Limestone (CAS 1317-65-3)<br>Mica (CAS 12001-26-2)<br>Starch (CAS 9005-25-8) | TWA<br>TWA<br>TWA | 5 mg/m <sup>3</sup>   10 mg/m <sup>3</sup><br>3 mg/m <sup>3</sup><br>5 mg/m <sup>3</sup>   10 mg/m <sup>3</sup> | Respirable.   Total.<br>Respirable.<br>Respirable.   Total. |
| Impurities   | Type              | Value   | Form  |
| Crystalline silica (Quartz) (CAS 14808-60-7)                                 | TWA               | 0.05 mg/m <sup>3</sup>  | Respirable dust.  |

**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 to remove contaminants. Observe any medical surveillance requirements.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

#### Physical state

Solid.

#### Form

Powder.

#### Color

White to 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

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

1.4-1.8 (H<sub>2</sub>O=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

1500-1700 kg/m<sup>3</sup>

#### VOC (Weight %)

None detected.

## 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

Contact with incompatible materials.

### Incompatible materials

Strong oxidizing agents.

### Hazardous decomposition products

Above 800°C limestone (CaCO<sub>3</sub>) can decompose to lime (CaO) and release carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Ingestion

May cause discomfort if swallowed.

#### Inhalation

Inhalation of dusts may cause respiratory irritation. Prolonged and repeated exposure to airborne respirable crystalline silica can cause silicosis and/or lung cancer.

#### Skin contact

Under normal conditions of intended use, this material does not pose a skin hazard.

#### Eyes contact

Direct contact with airborne particulates may cause temporary 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.

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**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 or skin sensitization****Respiratory sensitization**

Not a respiratory sensitizer.

**Skin sensitization**

This product is not expected to cause skin sensitization.

**Germ cell mutagenicity**

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

**Carcinogenicity**

Repeated and prolonged exposure to high levels of respirable crystalline silica may cause cancer.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

|   |  |
|---|--|
| Attapulgite (CAS 12174-11-7)                | 2B Possibly carcinogenic to humans.<br>3 Not classifiable as to carcinogenicity to humans. |
| Crystalline silica (Quartz)(CAS 14808-60-7) | 1 Carcinogenic to humans.  |

**NTP Report on Carcinogens**

|   |                              |
|---|------------------------------|
| Crystalline silica (Quartz)<br>(CAS 14808-60-7) | Known To Be Human Carcinogen |
|---|------------------------------|

**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. For detailed information, see section 16.

**Aspiration hazard**

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

**Chronic effects**

Prolonged and routine inhalation of high levels of respirable crystalline silica particles can lead to the lung disease known as silicosis. Some studies show excess numbers of cases of scleroderma, connective tissue disorders, lupus, rheumatoid arthritis, chronic kidney diseases and end-stage kidney disease in workers exposed to respirable crystalline silica. Pre-existing skin and respiratory conditions including dermatitis, asthma and chronic lung disease might be aggravated by exposure. Occupational exposure to respirable dust and respirable crystalline silica should be monitored and controlled.

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**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.

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**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.

**12. ECOLOGICAL INFORMATION****13. DISPOSAL CONSIDERATIONS**

#### 14. TRANSPORT INFORMATION

##### DOT

Not regulated as a hazardous material by DOT.

##### ADR

Not regulated as a dangerous good.

##### 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

##### Saudi Arabian Inventory of Chemical Substance:

|       |            |             |
|-------|------------|-------------|
| CAS # | 1317-65-3  | Limestone   |
| CAS # | 12174-11-7 | Attapulгите |
| CAS # | 12001-26-2 | Mica        |
| CAS # | 9002-89-5  | PVOH        |

##### Issue date

1-July-2018

##### Revision date

1-December-2022

##### Version #

02

##### Further information

Crystalline silica: Raw materials in this product may contain respirable crystalline silica. 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.

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

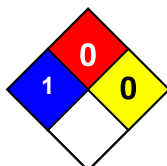
##### NFPA Ratings:

Health: 1

Flammability: 0

Physical hazard: 0

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



##### List of abbreviations References

NFPA: National Fire Protection Association.

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.

##### Notice:

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