

# Safety Data Sheet

according to WHS Regulations

Printing date 17.04.2018

Revision: 09.05.2017

## 1 Identification

**Product Name: SHEETROCK® Brand EASY SAND™ LIGHTWEIGHT SETTING COMPOUND**

**Other Means of Identification:** Setting Compound

**Other Name:** Joint Compound, Taping Compound, Mud

**Recommended Use of the Chemical and Restriction on Use:** Joint compound (building industry)

**Details of Manufacturer or Importer:**

USG Boral Building Products Pty Limited (ACN 004 231 976)  
 251 Salmon Street  
 Port Melbourne VIC 3207

**Phone Number:** 03 9214 2138

**Emergency telephone number:** National Poison Information Centre: 13 11 26

## 2 Hazard(s) Identification

**Hazardous Nature:**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)



Skin Corrosion/Irritation 2	H315 Causes skin irritation.
Serious Eye Damage/Irritation 2A	H319 Causes serious eye irritation.
STOT SE 3	H335 May cause respiratory irritation.

**Signal Word** Warning

**Hazard Statements**

H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H335 May cause respiratory irritation.

**Precautionary Statements**

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves / eye protection / face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P321	Specific treatment (see on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national regulations.

(Contd. on page 2)

# Safety Data Sheet

according to WHS Regulations

Printing date 17.04.2018

Revision: 09.05.2017

**Product Name: SHEETROCK® Brand EASY SAND™ LIGHTWEIGHT SETTING COMPOUND**

(Contd. of page 1)

### 3 Composition and Information on Ingredients

**Chemical Characterization: Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:**

CAS: 1317-65-3	Limestone ⚠ Skin Corrosion/Irritation 2, H315; Serious Eye Damage/Irritation 2A, H319; STOT SE 3, H335	30%
CAS: 12001-26-2	Mica	<10%
CAS: 93763-70-3	Perlite	<10%
CAS: 14808-60-7	Quartz (SiO <sub>2</sub> ) ⚠ Carcinogenicity 1A, H350; STOT RE 1, H372	<5%

**Additional information:** The weight percent for silica represents total quartz and not the respirable fraction.

### 4 First Aid Measures

**Inhalation:** Remove to fresh air. Seek medical attention if irritation persists.**Skin Contact:**

In case of skin contact wash affected areas with water and soap. Hand lotion may be used to treat dry skin areas. If skin has become cracked, take appropriate action to prevent infection and promote healing. Seek medical attention if irritation persists.

When mixed with water, this material hardens and becomes very hot – sometimes quickly. DO NOT attempt to make a cast enclosing any part of the body using this material. Failure to follow these instructions can cause severe burns that may require surgical removal of affected tissue or amputation of limb.

**Eye Contact:**

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.

**Ingestion:**

Plaster of Paris hardens and, if ingested, may result in obstruction of the gut, especially the pyloric region. Drinking gelatin solutions or large volumes of water may delay setting. Seek immediate medical attention.

**Symptoms Caused by Exposure:**

Inhalation: Exposure to dust generated during the handling or sanding of the product may cause temporary irritation to eyes, skin, nose, throat, and upper respiratory tract. Persons subjected to large amounts of this dust will be forced to leave area because of nuisance conditions such as coughing, sneezing and nasal irritation. Laboured breathing may occur after excessive inhalation.

Skin Contact: Causes skin irritation.

Eye Contact: Causes serious eye irritation, burning, redness, itching and pain.

Ingestion: Ingestion of large quantities may cause obstruction of the gastrointestinal system.

### 5 Fire Fighting Measures

**Suitable Extinguishing Media:**

Water spray or some other extinguishing media appropriate for surrounding fire.

**Specific Hazards Arising from the Chemical:**

Not expected to burn.

Above 1450° C - decomposes to calcium oxide (CaO) and sulfur dioxide (SO<sub>2</sub>).Above 800° C – limestone may decompose to calcium oxide (CaO) and carbon dioxide (CO<sub>2</sub>).

(Contd. on page 3)

# Safety Data Sheet

## according to WHS Regulations

Printing date 17.04.2018

Revision: 09.05.2017

**Product Name: SHEETROCK® Brand EASY SAND™ LIGHTWEIGHT SETTING COMPOUND**

(Contd. of page 2)

**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

**6 Accidental Release Measures****Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear appropriate personal protective equipment. Evacuate all non-essential personnel from affected area. Do not breathe dust. Ensure adequate ventilation.

**Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Collect the spilled material and place into containers for salvage or disposal. If vacuum is used to collect dust, use an industrial vacuum cleaner with a high efficiency air filter. If sweeping is necessary, use dust suppressant. Do not use compressed air for clean up. Minimize dust generation. Ensure adequate ventilation. Avoid dust generation. Ensure adequate ventilation.

**7 Handling and Storage****Precautions for Safe Handling:**

Exposure to high dust levels may irritate the skin, eyes, nose, throat, or upper respiratory tract. Use wet-sanding to reduce dust created. Prevent dust generation and accumulation.

Food, beverages and tobacco products should not be stored or consumed where this material is in use.

Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

**Conditions for Safe Storage:**

Store in a cool, dry, ventilated area. Protect heat and moisture. As a dry powder, moisture will harden plaster of Paris during storage. Keep away from water and acids.

**8 Exposure Controls and Personal Protection****Exposure Standards:****CAS: 12001-26-2 Mica**WES TWA: 2.5 mg/m<sup>3</sup>**CAS: 14808-60-7 Quartz (SiO<sub>2</sub>)**WES TWA: 0.1 mg/m<sup>3</sup>  
respirable dust**CAS: 93763-70-3 Perlite**WES TWA: 10 mg/m<sup>3</sup>**Engineering Controls:**

Provide ventilation sufficient to control airborne dust levels. If user operations generate airborne dust, use ventilation to keep dust concentrations below permissible exposure limits. Where general ventilation is inadequate, use process enclosures, local exhaust ventilation, or other engineering controls to control dust levels below permissible exposure limits.

**Respiratory Protection:**

Where an inhalation risk exists, wear a Class P1 (particulate) respirator. At high dust levels, wear a powered air purifying respirator (PAPR) with Class P3 (Particulate) filter or an air-line respirator or a full-face Class P3 (particulate) respirator. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

Leather/pigskin, neoprene or nitrile gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

(Contd. on page 4)

# Safety Data Sheet

## according to WHS Regulations

Printing date 17.04.2018

Revision: 09.05.2017

### Product Name: SHEETROCK® Brand EASY SAND™ LIGHTWEIGHT SETTING COMPOUND

(Contd. of page 3)

When selecting hand protection, the product should comply with relevant performance criteria. For example, gloves should meet a suitable level of abrasion resistance to provide protection against hazards of a workplace.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

#### Eye and Face Protection:

Safety glasses with top and side shields or goggles. Do not wear contact lenses. See Australian Standards AS/NZS 1336 and 1337 for more information.

## 9 Physical and Chemical Properties

#### Appearance:

<b>Form:</b>	Solid / Powder
<b>Colour:</b>	White to off-white
<b>Odour:</b>	Low to no odour
<b>Odour Threshold:</b>	Not determined.
<b>pH-Value at 25 °C:</b>	~7
<b>Melting point/freezing point:</b>	Not applicable
<b>Initial Boiling Point/Boiling Range:</b>	Not applicable
<b>Flash Point:</b>	Not determined
<b>Flammability:</b>	Non flammable
<b>Auto-ignition Temperature:</b>	Not determined
<b>Decomposition Temperature:</b>	1450 °C
<b>Explosion Limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Vapour Pressure:</b>	Not applicable.
<b>Density:</b>	Not determined.
<b>Relative Density:</b>	~2.96 (Plaster of Paris) ~2.6 (Limestone) ~2.8 (Mica)
<b>Vapour Density:</b>	Not applicable.
<b>Evaporation Rate:</b>	Not applicable
<b>Solubility in Water:</b>	0.15 - 0.40 (Plaster of Paris) 0.15 (Limestone) Insoluble (Mica)
<b>Organic solvents:</b>	0.0 %

## 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.

**Conditions to Avoid:** High humidity.

#### Incompatible Materials:

Water and acids. Exposure to water and acids must be supervised because the reactions are vigorous and produce large amounts of heat.

#### Hazardous Decomposition Products:

Above 1450° C - calcium oxide (CaO) and sulfur dioxide (SO<sub>2</sub>).

Above 800° C – limestone may decompose to calcium oxide (CaO) and carbon dioxide (CO<sub>2</sub>).

(Contd. on page 5)

# Safety Data Sheet

according to WHS Regulations

Printing date 17.04.2018

Revision: 09.05.2017

**Product Name: SHEETROCK® Brand EASY SAND™ LIGHTWEIGHT SETTING COMPOUND**

(Contd. of page 4)

## 11 Toxicological Information

**Toxicity:****LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:****CAS: 1317-65-3 Limestone**Oral LD<sub>50</sub> 6450 mg/kg (rat)**Acute Health Effects****Inhalation:**

Exposure to dust generated during the handling or sanding of the product may cause temporary irritation to eyes, skin, nose, throat, and upper respiratory tract. Persons subjected to large amounts of this dust will be forced to leave area because of nuisance conditions such as coughing, sneezing and nasal irritation. Laboured breathing may occur after excessive inhalation.

**Skin:** Causes skin irritation.**Eye:** Causes serious eye irritation, burning, redness, itching and pain.**Ingestion:** Ingestion of large quantities may cause obstruction of the gastrointestinal system.**Skin Corrosion / Irritation:** Causes skin irritation.**Serious Eye Damage / Irritation:** Causes serious eye irritation.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:**

Silica dust, crystalline, in the form of quartz or cristobalite is classified by IARC as a Group 1 - Carcinogenic to humans

Palygorskite (Attapulgite) (long fibres, > 5 micrometres) is classified by IARC as a Group 2B - Possibly carcinogenic to humans

Palygorskite (Attapulgite)(short fibres, < 5 micrometres) and polyvinyl alcohol are classified by IARC as Group 3 - Not classifiable as to its carcinogenicity to humans.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.**Specific Target Organ Toxicity (STOT) - Single Exposure:** May cause respiratory irritation.**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.**Chronic Health Effects:**

Repeated or prolonged skin exposure may cause skin dryness or cracking.

Plaster of Paris: Testing of dust from USG plaster of Paris has not detected respirable crystalline silica.

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. The weight percent of respirable crystalline silica may not have been measured in this product. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease (i.e., silicosis) and/or lung cancer. The development of silicosis may increase the risks of additional health effects. Smoking in combination with silica exposures increases the risk of cancer. The risk of developing silicosis is dependent upon the exposure intensity and duration.

Mica: Prolonged and repeated breathing of respirable mica dust may cause lung disease (pneumoconiosis). The extent and severity of lung injury correlates with the length of exposure and dust concentration.

(Contd. on page 6)

# Safety Data Sheet

according to WHS Regulations

Printing date 17.04.2018

Revision: 09.05.2017

**Product Name: SHEETROCK® Brand EASY SAND™ LIGHTWEIGHT SETTING COMPOUND**

(Contd. of page 5)

**Existing Conditions Aggravated by Exposure:**

Pre-existing upper respiratory and lung diseases such as, but not limited to, bronchitis, emphysema and asthma. Pre-existing skin diseases such as, but not limited to, rashes and dermatitis.

## 12 Ecological Information

**Ecotoxicity:** This product has no known adverse effect on ecology.

**Aquatic toxicity:**

Toxicity studies performed with fish, aquatic invertebrates and aquatic plants showed no toxic effect.

**Persistence and Degradability:** No further relevant information available.

**Bioaccumulative Potential:** No further relevant information available.

**Mobility in Soil:** No further relevant information available.

**Other adverse effects:** No further relevant information available.

## 13 Disposal Considerations

**Disposal Methods and Containers:**

Never discharge directly into sewers or surface waters.  
Dispose according to applicable local and state government regulations.

**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

## 14 Transport Information

**UN Number** Not applicable

**Proper Shipping Name** Not applicable

**Dangerous Goods Class** Not applicable

**Packing Group:** Not applicable

**Marine pollutant:** No

## 15 Regulatory Information

**Australian Inventory of Chemical Substances:**

CAS: 1317-65-3	Limestone
CAS: 12001-26-2	Mica
CAS: 12174-11-7	Attapulgite (Palygorskite) (fibrous dust)
CAS: 14808-60-7	Quartz (SiO <sub>2</sub> )
CAS: 9002-89-5	Ethenol, homopolymer
CAS: 26499-65-0	Plaster of Paris (Calcium sulfate)
CAS: 16389-88-1	Dolomite
CAS: 93763-70-3	Perlite

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**

Not Scheduled.

## 16 Other Information

**Date of Preparation or Last Revision:** 09.05.2017

(Contd. on page 7)

# Safety Data Sheet

## according to WHS Regulations

Printing date 17.04.2018

Revision: 09.05.2017

**Product Name: SHEETROCK® Brand EASY SAND™ LIGHTWEIGHT SETTING COMPOUND**

(Contd. of page 6)

**Prepared by:** MSDS.COM.AU Pty Ltd

www.msds.com.au

**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC<sub>50</sub>: Lethal concentration, 50 percentLD<sub>50</sub>: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2

Serious Eye Damage/Irritation 2A: Serious eye damage/eye irritation – Category 2A

Carcinogenicity 1A: Carcinogenicity – Category 1A

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

**Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016”

The information contained in this material safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. USG Boral Building Products Pty Limited makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet.

MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.