

# Safety Data Sheet

according to WHS Regulations

Printing date 17.04.2018

Revision: 09.05.2017

## 1 Identification

**Product Name:** SHEETROCK® Brand PLUS 3™ READYMIX FINISHING

**Other Means of Identification:** Readymix Joint Compound

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

**Recommended Use of the Chemical and Restriction on Use:** Joint treatment (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

## 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.

## 3 Composition and Information on Ingredients

**Chemical Characterization: Mixtures**

**Description:** Mixture of substances listed below with nonhazardous additions.

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<b>Hazardous Components:</b>		
CAS: 1317-65-3	Limestone ⚠ Skin Corrosion/Irritation 2, H315; Serious Eye Damage/Irritation 2A, H319; STOT SE 3, H335	>35%
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.

**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:**

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Never give anything by mouth to an unconscious person. Seek medical attention if irritation persists.

**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.

## 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>).

Above 175° C – polyvinyl acetate may decompose to H<sub>2</sub>O, CO<sub>2</sub>, CO, and acetic acid, could produce vinyl acetate monomers.

**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.

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**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. Minimize 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. Keep in original container tightly closed when not in use. Protect from heat and moisture. Do not use if material has spoiled, i.e., there is a moldy appearance or an unpleasant odour.

### 8 Exposure Controls and Personal Protection

**Exposure Standards:****CAS: 14808-60-7 Quartz (SiO<sub>2</sub>)**

WES	TWA: 0.1 mg/m <sup>3</sup> respirable dust
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**CAS: 93763-70-3 Perlite**

WES	TWA: 10 mg/m <sup>3</sup>
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**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.

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.

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**Eye and Face Protection:**

Eye and face protectors for protection against dust. See Australian/New Zealand Standard AS/NZS 1337 for more information.

## 9 Physical and Chemical Properties

**Appearance:**

<b>Form:</b>	Paste
<b>Colour:</b>	Off-white
<b>Odour:</b>	Low to no odour
<b>Odour Threshold:</b>	Not determined.
<b>pH-Value at 25 °C:</b>	~7-8.5
<b>Melting point/freezing point:</b>	0 °C
<b>Initial Boiling Point/Boiling Range:</b>	100 °C
<b>Flash Point:</b>	Not determined
<b>Flammability:</b>	Product is not flammable.
<b>Auto-ignition Temperature:</b>	Not determined
<b>Decomposition Temperature:</b>	Not determined
<b>Explosion Limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Vapour Pressure at 25 °C:</b>	~24 mm Hg
<b>Density:</b>	Not determined.
<b>Relative Density at 20 °C:</b>	1.3-1.7
<b>Vapour Density at 20 °C:</b>	<1 g/cm <sup>3</sup>
<b>Evaporation Rate:</b>	Not determined
<b>Solubility in Water:</b>	Unlimited dispersibility
<b>Viscosity:</b>	Not determined
<b>% Volatiles by Weight:</b>	20-45
<b>VOC:</b>	<2 g/L

## 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:**

Heat and moisture.

High temperatures cause decomposition. DNPH, commonly used to determine formaldehyde concentrations, will react with this product resulting in formaldehyde formation. Thus formaldehyde may be reported as higher than actual and in error.

**Incompatible Materials:** None known.

**Hazardous Decomposition Products:**

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>).

Above 175° C – polyvinyl acetate may decompose to H<sub>2</sub>O, CO<sub>2</sub>, CO, and acetic acid, could produce vinyl acetate monomers.

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## 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:** No information available**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:**

Suspected of causing cancer.

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, &gt; 5 micrometres) is classified by IARC as a Group 2B - Possibly carcinogenic to humans

Palygorskite (Attapulgite)(short fibres, &lt; 5 micrometres) and polyvinyl acetate 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:**

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.

Industrial hygiene measurement for exposures to formaldehyde cannot use 2,4-dinitrophenylhydrazine (DNPH) in sample collection or during analysis due to reaction with an ingredient in this product that will produce formaldehyde. Sample results will show higher concentrations of formaldehyde than actually exist employing DNPH anywhere in the analytical method. Previous standard IH sampling measurement using DNPH have shown formaldehyde exposure concentrations well below 8 hour time weighted average occupational exposure standards including the DNPH error.

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**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.

**Additional toxicological information:** No information available

### 12 Ecological Information

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

**Aquatic toxicity:** No further relevant information available.

**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: 13397-24-5	Gypsum (Calcium sulfate)
CAS: 16389-88-1	Dolomite
CAS: 7732-18-5	Water
CAS: 93763-70-3	Perlite
CAS: 9003-20-7	Poly(vinyl acetate)
CAS: 24937-78-8	Acetic acid, ethenyl ester, copolymer with ethene
CAS: 12174-11-7	Attapulgite (Palygorskite) (fibrous dust)
CAS: 14808-60-7	Quartz (SiO <sub>2</sub> )

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

Not Scheduled.

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### 16 Other Information

**Date of Preparation or Last Revision:** 09.05.2017**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://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)

VOC: Volatile Organic Compounds

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 New Zealand Chemical Industry Council document 'Code of Practice (No. HSNO CoP 8-1 09-06)'.

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