

## Safety Data Sheet according to WHS Regulations

Printing date 18.02.2022

Revision: 18.08.2020

### 1 Identification

**Product Name:** FIBEROCK GYPSUM PANELS**Other Means of Identification:** Mixture**Other Name:**

FIBER-REINFORCED GYPSUM PANELS PRODUCT, FIBEROCK WATER RESISTANT, WALLBOARD

**Recommended Use of the Chemical and Restriction on Use:**

Lining, plaster board, wall cladding, wall panels, wallboard

**Details of Manufacturer or Importer:**

Knauf Gypsum Pty Ltd (ACN 004 231 976)

3 Thackeray St

Camellia NSW 2142

**Phone Number:** 02 9638 0571**Emergency telephone number:** National Poisons Information Centre: 13 11 26

### 2 Hazard(s) Identification

**Hazardous Nature:**

Not 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)

The product is not classified, according to the Globally Harmonised System (GHS).

**Signal Word** None**Hazard Statements** None**Precautionary Statements** None

### 3 Composition and Information on Ingredients

**Chemical Characterization:** Mixtures**Description:** This mixture does not contain any notifiable substances.**Hazardous Components:** None**Additional information:**

This product may contain &lt;0.1% respirable silica present as an impurity in the ingredients.

Exposure to this product is not likely to cause harm under normal conditions, but it is recommended to determine the actual exposure through workplace testing.

### 4 First Aid Measures

**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

**Skin Contact:**

Exposure considered unlikely. In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

**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.

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**Ingestion:**

Ingestion is considered unlikely due to product form. If swallowed, do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

**Symptoms Caused by Exposure:**

Inhalation: May cause irritation of the nose and throat.

Skin Contact: May cause skin irritation due to mechanical action.

Eye Contact: May cause eye irritation due to mechanical action.

Ingestion: Ingestion is considered unlikely due to product form.

### 5 Fire Fighting Measures

**Suitable Extinguishing Media:** Use fire extinguishing methods suitable to surrounding conditions.

**Specific Hazards Arising from the Chemical:**

Non flammable. No fire or explosion hazard exists. May evolve toxic gases such as oxides of carbon, calcium and sulphur when heated to decomposition.

**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 approved respiratory protection and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe dust. Ensure adequate ventilation. Avoid generating dust.

**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:**

Clean the area using an industrial vacuum cleaner. Wet mopping and wiping is acceptable if vacuuming is not workable. Avoid generating dust.

Remove promptly all visible waste materials to avoid being trampled and spread about, place in plastic bags or other containers which prevent fibre and/or dust emission, and dispose of in accordance with local waste disposal authority requirements.

### 7 Handling and Storage

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of dust.

Where possible, material should be ordered in a form and shape which requires a minimum of cutting and handling on site. Hand tools should always be used in preference to power tools in any site processing. If power tools are used, these should be fitted with exhaust extraction at the point of dust generation, or other effective local extraction.

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 regularly, separate from other laundry to avoid cross-contamination and subsequent skin irritation of non-workers. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area. Protect from heat, sparks, open flames, hot surfaces and direct sunlight. Keep away from acids.

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## 8 Exposure Controls and Personal Protection

**Exposure Standards:****CAS: 9004-34-6 Cellulose**NES TWA: 10 mg/m<sup>3</sup>WES TWA: 10 mg/m<sup>3</sup>**CAS: 14808-60-7 Quartz (SiO<sub>2</sub>)**WES TWA: 0.05 mg/m<sup>3</sup>  
respirable dust**Engineering Controls:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

**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:**

Rubber or PVA 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.

**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>	Board
<b>Colour:</b>	Off-white to tan
<b>Odour:</b>	Slight odour
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	~7
<b>Melting point/freezing point:</b>	No information available
<b>Initial Boiling Point/Boiling Range:</b>	No information available
<b>Flash Point:</b>	Not applicable
<b>Flammability:</b>	Product is not flammable
<b>Auto-ignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	1450 °C
<b>Explosion Limits:</b>	
<b>Lower:</b>	Not applicable
<b>Upper:</b>	Not applicable
<b>Vapour Pressure:</b>	No information available
<b>Density:</b>	Not determined.
<b>Relative Density at 20 °C:</b>	2.32-2.96
<b>Vapour Density:</b>	No information available
<b>Evaporation Rate:</b>	No information available

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**Solubility in Water:** Slightly soluble

### 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.**Chemical Stability:** Stable at ambient temperature and under normal conditions of storage and use.**Conditions to Avoid:** Heat, sparks, open flames, hot surfaces and direct sunlight.**Incompatible Materials:**

Compatible with most commonly used materials. Incompatible with acids (e.g. nitric acid).

**Hazardous Decomposition Products:**

May evolve carbon oxides, calcium oxide and sulphur oxides when heated to decomposition.

### 11 Toxicological Information

**Toxicity:****LD50/LC50 Values:****CAS: 14808-60-7 Quartz (SiO<sub>2</sub>)**

Oral	LD50	500-22,500 mg/kg (rat)
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**Acute Health Effects****Inhalation:** May cause irritation of the nose and throat.**Skin:** May cause skin irritation due to mechanical action.**Eye:** May cause eye irritation due to mechanical action.**Ingestion:** Ingestion is considered unlikely due to product form.**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.**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:**

This product does NOT contain any IARC listed chemicals at levels expected to be hazardous.

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

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

**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:**

The prolonged and repeated exposure (by inhalation) to respirable (crystalline) silica causes silicosis, a debilitating lung disease. The crystalline silica dust is practically insoluble in body fluids and can be deposited in lungs. Cigarette smoking can reduce the clearance of crystalline silica. The data indicate that the relative lung cancer risk is increased for people with silicosis.

**Existing Conditions Aggravated by Exposure:** No information available**Additional toxicological information:** No information available

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## 12 Ecological Information

**Ecotoxicity:****Aquatic toxicity:****CAS: 14808-60-7 Quartz (SiO<sub>2</sub>)**

LC50/96 h &gt;10,000 mg/l (brachydanio rerio)

**CAS: 13397-24-5 Gypsum (Calcium sulfate)**

LC50/96 h &gt;1,970 mg/l (fathead minnow)

**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:** 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 regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated

## 15 Regulatory Information

**Australian Inventory of Industrial Chemicals:**

All ingredients are listed.

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

Not Scheduled.

## 16 Other Information

**Date of Preparation or Last Revision:** 18.08.2020**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)

LC50: Lethal concentration, 50 percent

LD50: 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)

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**Disclaimer**

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