



Safety Data Sheet

Mars™ Clean Room Acoustic Ceiling Panels

1: Identification of Material and Supplier

1.1 Product identifier

Product Name: Mars™ Clean Room Acoustic Ceiling Panels

1.2 Uses and uses advised against

Use(s): Interior ceiling tiles

1.3 Details of the supplier of the product

Supplier name: Knauf Gypsum Pty Ltd
Address: 3 Thackeray Street, Camellia NSW 2142
ABN: 84 004 231 976
Telephone: 1800 003 377
Email: customerserviceau@knauf.com
Website: Knauf.com/en-AU

1.4 Emergency telephone numbers

Emergency A/H: 13 11 26 (Poisons Information Centre)

Section 2: Hazard(s) Identification

2.1 Classification of the article

The product meets the criteria of an **article** under the Globally Harmonized System (GHS) of Classification and Labelling of Chemicals and Safe Work Australia criteria. In its intact form, the product does not release hazardous materials and therefore is not classified as a hazardous chemical under GHS criteria.

The man-made vitreous fibres (MMVF), namely slag wool, in this product are of low biopersistence and meet Note Q of the EU Commission Directive 97/69/EC. Both slag wool and continuous glass filament fibres are classified by IARC as Group 3: not classified as carcinogenic. These fibres are not classified as hazardous chemicals under GHS criteria.

However, based on the composition information for this product, respirable dust derived from certain processes is classified as hazardous to health. Dust from this product may contain respirable crystalline silica which trigger the hazard classification of the dust as presented in this safety data sheet. Processes undertaken on this product with the potential for dust release include cutting, drilling, installation and removal tasks.

The hazard information provided in this Safety Data Sheet applies to the airborne dust generated from the processing of the product, and particularly the respirable dust fraction.

Hazard Category:

Carcinogenicity: Category 1A (crystalline silica)

Specific target organ toxicity (repeated exposure) – category 1

2.2 Label Elements

Signal Word: **Danger**

Pictogram:

**Hazard Statement(s):**

H350i May cause cancer by inhalation.

Prevention Statement(s):

P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dust.
P280 Wear protective gloves, face protection, respiratory protection and protective clothing.

Response Statement(s):

P308 + P313 If exposed or concerned: Get medical advice.

Disposal Statement(s):

P501 Dispose of contents in accordance with local regulations.

2.3 Other Hazards

Dust containing MMVF may produce transitory mechanical irritation to the eyes, skin and upper respiratory tract.



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Section 3: Composition/Information on Ingredients

Ingredient	CAS No.	Content (%)
Mineral Wool	65997-17-3	40 - 70
Slag wool	-	15 - 90
Perlite	93763-70-3	3 - 7
Starch	9005-25-8	1-5
Cellulose	9004-34-6	<10
Aluminum hydroxide	21645-51-2	0.5 – 1.5
Plaster of Paris (Calcium – Sulfate Hemihydrate CA 10034-76-1)	26499-65-0	0.5 – 1.5
Kaolin *	1332-58-7	3 - 7
Titanium dioxide	13463-67-7	0.1 - 1

* Article contains a total of 0.8% w/w crystalline silica (α -quartz).

Raw materials and/or coatings in this product contain small amounts of titanium dioxide. However, no significant exposure to primary particles of titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as in paints. The available human studies do not suggest an association between occupational exposure to titanium dioxide and risk for cancer. See Section 16 for further information.

Section 4: First Aid Measures

4.1 Description of first aid measures

- Eye:** If significant eye irritation due to dust occurs, irrigate with water for 15 minutes with eyelids held open.
Do not rub eyes.
Seek medical attention if symptoms persist.
- Inhalation:** Remove exposed person from source of exposure to fresh air.
Seek medical advice if effects persist.
- Skin:** Wash thoroughly with soap and water, and apply a hand cream if needed.
Remove heavily contaminated clothing.
Seek medical attention for persistent redness or irritation of the skin
- Ingestion:** If swallowed in large quantities do not induce vomiting. Immediately rinse mouth with water.
- First aid facilities:** Eyewash and normal washroom facilities recommended.



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4.2 Symptoms caused by exposure

Repeated exposure to crystalline silica may result in lung fibrosis (silicosis). Principal symptoms of silicosis are coughing and breathlessness. Crystalline silica is classified as carcinogenic to humans (IARC Group 1).

Exposure to MMVF may result in eye/skin/respiratory tract mechanical irritation.

4.3 Medical attention and special treatment

Treat symptomatically.

Section 5: Fire Fighting Measures

5.1 Extinguishing media

Use of an extinguishing agent suitable for the surrounding fire.

5.2 Special hazards arising from the substance or mixture

Non-combustible. Thermal decomposition of binders/fillers at high temperatures may release toxic fumes.

5.3 Advice for fire fighters

A Self-Contained Breathing Apparatus (SCBA) and full fire kit should be worn when in proximity to the fire.

5.4 Hazchem code

None allocated.

Section 6: Accidental Release Measures

6.1 Personal Precautions

Avoid generation dust. Respiratory protection should be worn when handling this product where dust may be generated or could be present as detailed in Section 8.

6.2 Environmental Precautions

Prevent product from entering drains and waterways.

6.3 Methods of cleaning up

Contain spillage, dampen and collect into suitable containers for disposal.

Avoid generation of airborne dust. Do not use compressed air.

Refer to local waste management guidelines for disposal.



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Section 7 – Handling and Storage

7.1 Precautions for safe handling

Use of safe work practices is recommended to avoid eye and skin contact and inhalation.

7.2 Conditions for safe storage

Store collected dust/debris in sealed plastic bag or container.

Section 8 – Exposure Controls/Personal Protection

8.1 Control parameters

Workplace Exposure Standard (WES)- Safe Work Australia

Ingredient	WES- Time Weighted Average
Slag Wool	2 mg/m ³
Expanded perlite	10mg/m ³
Recycled paper (cellulose)	10mg/m ³
Starch	10mg/m ³
Kaolin	10mg/m ³
Crystalline silica (α-quartz)	0.05 mg/m ³ -respirable

8.2 Exposure controls

Engineering Controls:

Maintain airborne concentrations below workplace exposure standards, using engineering controls, if necessary, such as on-tool extraction or local extraction ventilation, particularly during processing of the product (cutting, drilling).

Use hand tools or low power tools to minimise dust creation.

Isolate the area where the product is being processed.

Use only in a well-ventilated area.

Store material in original packaging and only open packaging as needed.

Avoid the spread of dust from their source. Use Class M/H high efficiency particulate air (HEPA) filtration vacuum cleaners or clean by wet wiping or sweeping. Do not use compressed air for cleaning.

Personal Protective Equipment (PPE):

Eye/face: Wear safety glasses or dust proof goggles when handling material to avoid contact of dust with eyes. Refer to AS/NZS 1336–2014 “Eye and face protection—Guidelines”

Hands: Wear gloves when handling and processing the product to prevent skin contact. Refer to AS/NZS 2161 “Occupational protective gloves”

Body: Wear long sleeved shirt, long trousers or overalls. Consider the use disposable lightweight overalls with hoods and long sleeves to wear over normal work clothing.



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Respiratory: Where inhalation risk exists, wear a particulate respirator. The respirator type required will depend primarily on the concentration of the dust in the air, and the frequency and length of exposure. Refer to AS/NZS 1715–2009 “Selection, use and maintenance of respiratory protective equipment”. A positive pressure air supplied respirator (Class P3) may be used if there is a potential for an uncontrolled release, airborne concentrations are not known, or under any other circumstance where air purifying respirators (Class P1/P2) may not provide adequate protection.

Section 9 – Physical and Chemical Properties

9.1 Information on basic physical and chemical properties of product

Appearance	Solid, white or coloured surface, beige or grey core		
Odour	Low to none	Vapor pressure	Not applicable
Flammability	Not flammable	Upper explosion limit	Not applicable
Flash point	Not applicable	Lower explosion limit	Not applicable
Boiling point	Not applicable	Partition coefficient	Not available
Melting point	1204 °C (slag wool)	Autoignition temperature	Not applicable
Evaporation rate	Not applicable	Decomposition temperature	Not available
Ph	9	Viscosity	Not available
Vapor density	Not applicable	Explosive properties	Not explosive
Specific gravity	Not available	Bulk density	~240 kg/m ³
Solubility (water)	Very low	Relative density	0.24

Section 10 – Stability and Reactivity

10.1 Reactivity

The product is not considered reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

The product is considered stable.

10.3 Possibility of hazardous reactions

Polymerization will not occur.

10.4 Conditions to avoid

Avoid dust generation.

Avoid excessive moisture and high humidity.

10.5 incompatible materials

No incompatible materials.



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10.6 Hazardous decomposition products

Will not spontaneously degrade.

Section 11 – Toxicological Information

11.1 Information on toxicological effects

- Acute toxicity:** This product considered to be of a low acute toxicity.
- Skin:** Dust may cause irritation through mechanical abrasion of the skin.
- Eye:** Dust may cause irritation through mechanical abrasion of the eye.
- Inhalation:** Irritation of the upper respiratory tract may occur if inhaled in significant amounts.
- Carcinogenicity:** Crystalline silica (respirable) is classified as a Group 1 carcinogen by IARC.

**Symptoms related
to the physical,
chemical and
toxicological**

characteristics: Discomfort in the chest. Shortness of breath. Coughing

**Specific Target
Organ Toxicity**

- repeated exposure: Prolonged inhalation of respirable crystalline silica causes silicosis (scarring of the lungs).

Section 12 – Ecological Information

12.1 Toxicity

Not expected to be harmful to aquatic organisms.

12.2 Persistence and degrading

No data available on degradability of product.

12.3 Bioaccumulative potential

Not expected.

12.4 Mobility in soil

Low mobility.

12.5 Other adverse effects

No other adverse environmental effects



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Section 13 – Disposal Considerations

13.1 Waste Treatment methods

Waste disposal: Dust/debris should be wetted down and stored in sealed, clearly labelled bags or containers to prevent dust emission during transport. Dispose at licensed landfill.

Legislation: Dispose of in accordance with the relevant legislation

Section 14 – Transport Information

Not classified as a dangerous good by the criteria of the ADG code.

Section 15 – Regulatory Information

15.1 Safety, health and environment regulations/ legislation specific for the product:

Poisons Schedule: None allocated using the criteria in the standard for the uniform scheduling of medicines and poisons (SUSMP).

Classifications: Safe work Australia criteria are based on the globally harmonised system (GHS) of classification and labelling of chemicals

Section 16 – Other Information

Additional information:

Personal protective guidelines:

The recommendation for personal protective equipment for the airborne dust contained within this report is provided as a guide only. Attributing factors such as the method of application, working environment, quantity used, airborne dust concentration and controls being readily available.

Health effects and exposure:

The adverse effects of exposure to airborne dust depend on several factors. This may include effectiveness of control measures in place, protective equipment and the methods of use. The user is to assess the risk and apply the appropriate controls and methods where appropriate.



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Titanium dioxide:

Raw materials and/or coatings in this product contain small amounts of titanium dioxide. The International Agency for Research on Cancer (IARC) has determined that titanium dioxide is possibly carcinogenic to humans (Group 2B) based on inadequate evidence in humans and sufficient evidence in experimental animals. This conclusion relates to long-term inhalation exposure to high concentrations of pigmentary (powdered) or ultrafine titanium dioxide. However, no significant exposure to primary particles of titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as in paints. The available human studies do not suggest an association between occupational exposure to titanium dioxide and risk for cancer.

Abbreviations:

ADG	Australian Code for the Transport of Dangerous Goods by Road & Rail
CAS#	Chemical abstract service number
GHS	Globally harmonised system
mg/m ³	milligrams per cubic metre
pH	relates to hydrogen ion concentration using scale of 0 (highly acidic) to 14 (highly alkaline)
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
SWA	Safe Work Australia
TWA	Time weighted average
WES	Workplace Exposure Standard

Revision History:

Issue	
1.0	Final 24 August 2026

Disclaimer: The information presented herein is based on data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a licence. In addition, no responsibility can be assumed by the supplier for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

[End of SDS]