



Safety Data Sheet

USG ClimaPlus™ Acoustic Ceiling Panels

1: Identification of Material and Supplier

1.1 Product identifier

Product Name: USG Impressions™ ClimaPlus™, USG Impressions™ ClimaPlus™ HI NRC, USG Olympia Micro™ ClimaPlus™, USG Olympus Max™ ClimaPlus™, USG Mars™ ClimaPlus™

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.

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 and man-made vitreous fibres (**MMVF**) of high biopersistence 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)
Category 1B (MMFV)

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.
H373 May cause damage to organs (lungs) through prolonged or repeated exposure if inhaled

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.

Section 3: Composition/Information on Ingredients

Ingredient	CAS No.	Content (%) - MARS	Content (%) Impression/Impression Hi NRC/Olympia/Olympus
Mineral Wool	-	65 – 85	25-50
Expanded perlite	93763-70-3	<2%	20-50
Recycled paper (cellulose)	9004-34-6	0-5%	5-20
Starch	9005-25-8	8-12%	5-15
Clay *	-	<2%	0-5
Kaolin *	1332-58-7	<2%	<2

* Article contains a total of 1.4-1.8% w/w crystalline silica (α -quartz).

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.

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 airborne MMVF may result in eye/skin/upper respiratory tract mechanical irritation, repeated exposure may result in lung fibrosis and lung cancer.



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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. Alternatively, collect using a Class H HEPA -filtered vacuum cleaner.

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

Refer to local waste management guidelines for disposal.

Section 7 – Handling and Storage

7.1 Precautions for safe handling

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



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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	
	2 mg/m ³	0.5 fibres/ml
Mineral Wool		
Expanded perlite	10mg/m ³	
Recycled paper (cellulose)	10mg/m ³	
Starch	10mg/m ³	
Clay	N/A	
Kaolin	10mg/m ³	
Crystalline silica (α-quartz)	0.05 mg/m ³ -respirable	

N/A= Not assigned

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. Only use Class 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.

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 panel, white or coloured surface, beige or grey core		
Odour	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	Not available	Autoignition temperature	Not applicable
Evaporation rate	Not applicable	Decomposition temperature	Not available
Ph	Not available	Viscosity	Not available
Vapor density	Not applicable	Explosive properties	Not explosive
Specific gravity	Not available	Bulk density	~250-400 kg/m ³
Solubility (water)	Very low	Relative density	~2.9

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.



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10.5 incompatible materials

No incompatible materials.

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.
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. High biopersistence mineral wool is classified under GHS as a Category 1B Carcinogen because the long, durable fibres persist in lung tissue.
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). High biopersistence man made vitreous fibres can cause localized lung tissue fibrosis and damage.



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Section 12 – Ecological Information

12.1 Toxicity

Not expected to be harmful to aquatic organisms.

12.2 Persistence and degrading

No data on degradability of product.

12.3 Bioaccumulative potential

Not expected.

12.4 Mobility in soil

No data available.

12.5 Other adverse effects

No other adverse environmental effects

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



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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.

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 prepared 24 August 2026

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[End of SDS]