

Product Data Sheet

According to WHS Regulations

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OWA product data sheet

Date of issue: 13.05.2022

Replace version from 01.04.2021

Printed 13.05.2022

Version: 2022.0

Trade name: **OWAcoustic®**

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

OWAcoustic® mineral boards are articles and not a substance or mixture according to Regulation (EC) No. 1907/2006.

Trade name: OWAcoustic®
OWAcoustic® smart
OWAcoustic® premium
OWAconsult® collection
OWAcoustic MAVROC®
MINOWA®

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses
Ceiling Board

1.2.2. Uses advised against
No additional information available

1.3. Details of the supplier of the safety data sheet

Odenwald Faserplattenwerk GmbH
Dr.-F.-A.-Freundt-Straße 3
D-63916 Amorbach
Telephone: +49-93 73 201 0
Fax: +49-93 73 201 130
<http://www.owa.de/en/>
E-Mail: info@owa.de
Australian business telephone number: (02) 9189 3064

1.4. Emergency telephone number

000 Fire Brigade and Police (available in Australia only)
111 Fire Brigade and Police (available in New Zealand only)

Poisons Information Centre:
13 11 26 (available in Australia only)
0800 764 766 (available in New Zealand only)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to WHS Regulations and Globally Harmonized System (GHS):

Not classified as hazardous.

Adverse physicochemical, human health and environmental effects

No additional information available

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2.2. Label elements

Labelling according to WHS Regulations and Globally Harmonized Standard (GHS):

No labelling required

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2. Mixtures

Chemical characterization:

Board contains MMVF (Man-made vitreous fibres) and produced from bio-soluble mineral wool, free of asbestos and produced without formaldehyde. Contains natural binders and inorganic fillers; free of organic solvents. Coated with paint or laminated with fleece or foil, also printed. Product MINOWA® contains no coating.

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Mineral Wool Fibre	(Index No) 650-016-00-2 (REACH No) 01-2119472313-44-0016	30 – 65*	Not classified

* Some OWAconsult collection products contain Glass Wool up to 95 %, which is bounded as ceiling tile, laminated with fleece from glass fibre scrim or polyester fabric using adhesives.

Board contains MMVF (Man-made vitreous fibres) of no classification according to Regulation 1272/2008/ Annex VI Number 1.1.3.1 Quota Q.

This product is an article without intended release. This means a manufactured item other than a fluid or particle, which is formed to a specific shape or design during manufacture; which has end use function(s) dependent in whole or in part upon its shape or design during end use; and which under normal conditions of use does not release more than very small quantities, e.g. minute or trace amounts of a hazardous chemical, and does not pose a physical hazard or health risk to employees.

The product does not contain substances of very high concern (SVHC) in concentrations ≥ 0.1 %.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general:

Get medical advice/attention if you feel unwell. If possible show him this sheet. Failing this, show him the packaging or label. Never give anything by mouth to an unconscious person. Place the affected person in the recovery position.

First-aid measures after inhalation:

Move the affected person away from the contaminated area and into the fresh air. Make the affected person rest and keep at warm. If breathing stops, give artificial respiration.

First-aid measures after skin contact:

Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

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First-aid measures after eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

First-aid measures after ingestion: Rinse mouth. Drink plenty of water as a precaution.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries: Not expected to present a significant hazard under anticipated conditions of normal use. Mechanical effects of thicker fibres to the skin, the eyes and upper respiratory system may occur in form of localized irritation

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: All standard extinguishing media are qualified.

Unsuitable extinguishing media: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

OWAcoustic® mineral tiles are classified A2-s1, d0 according to EN 13501-1. Some OWAconsult®-collection products are not classified.

5.3. Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Prevent fire-fighting water from entering environment

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: Evacuate the danger area.

6.1.2. For emergency responders

Protective equipment: Wear suitable protective clothing. Self-contained breathing apparatus

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Clean working area with a vacuum cleaner. Take up mechanically and collect in suitable container for disposal. Dispose of in accordance with relevant local regulations.

6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling:

Ensure good circulation of air at workplace. Keep workplace clean. Minimize dust. Use vacuum cleaner for area cleaning. Cut boards with sharp knives only.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety procedures. Contaminated work clothing should not be allowed out of the workplace. When using do not eat, drink or smoke. Rinse hands with cold water before cleaning them. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Take off contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions:

Store cartons in dry area

7.3. Specific end use(s)

Ceiling Board

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

MMMF (Machine-made mineral fibre)

Australia Exposure Standards

Local name

Glass wool, rock (stone) wool, slag wool and continuous glass filament] (i) (k) and Low Biopersistence MMVF (m)

Australia Exposure Standards

TWA (mg/m³)

2 mg/m³ inhalable dust (j)

Australia Exposure Standards

Notes

See Workplace Exposure Standards for Airborne Contaminants for meaning of (i) (j) (k) (m)

8.2. Exposure controls

Appropriate engineering controls:

Ensure good circulation of air at workplace.

Hand protection:

Wear suitable gloves (EN 374). Nitrile rubber. 0.35 mm. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

When working overhead use safety glasses.

Skin and body protection:

Protect uncovered skin. Wear suitable protective clothing.

Respiratory protection:

During handling with OWAacoustic® mineral tiles wear single-use mask. If you have a sensitive respiratory tract wear half- or quarter masks with a P1-filter.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Solid Surface: white or coloured Core: beige Some OWAconsult®-collection products, Core: yellow or grey
Odour:	Nil
Odour threshold:	Not applicable
pH:	Not applicable
Melting point/freezing point:	Not applicable
Initial boiling point and boiling range:	Not applicable
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid, gas):	Not applicable
Upper/lower flammability or explosive limits:	Not applicable
Vapour pressure:	No data available
Vapour density:	No data available
Relative density:	130 – 450 kg/m ³ Some OWAconsult®-collection products: 85 – 105 kg/m ³
Solubility(ies):	Not applicable
Partition coefficient: n-octanol/water:	Not applicable
Auto-ignition temperature:	No data available
Decomposition temperature:	Not applicable
Viscosity:	No data available
Explosive properties:	Not applicable
Thermal decomposition:	above 200 °C possible
Oxidising properties:	Not applicable

9.2. Other information

OWAcoustic® mineral tiles are building materials according to EN 13964 and DIN 18177.

SECTION 10: Stability and reactivity

10.1. Reactivity

In cases of correct storage and handling dangerous reactions are unknown.

10.2. Chemical stability

Stable under use and storage conditions as recommended in section 7.

10.3. Possibility of hazardous reactions

None under normal use.

10.4. Conditions to avoid

Contact with water.

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10.5. Incompatible materials

Water.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity:	Not classified Based on available data, the classification criteria are not met
Skin corrosion/irritation:	Not classified Based on available data, the classification criteria are not met
Serious eye damage/irritation:	Not classified Based on available data, the classification criteria are not met
Respiratory or skin sensitisation:	Not classified Based on available data, the classification criteria are not met
Germ cell mutagenicity:	Not classified Based on available data, the classification criteria are not met
Carcinogenicity:	Not classified Based on available data, the classification criteria are not met Our used mineral wool, from which we produce our ceilings, has high bio solubility. To the Regulation 1272/2008/EC Annex VI Number 1.1.3.1 Quota Q states that these fibres are free of the suspect of creating cancer. The halftime after intratracheal instillation both for the WHO fibre fraction (L > 5 µm, D < 3 µm, L:D > 3:1 µm) and the long fibres fraction (length > 20 µm) is less than 40 days.
Reproductive toxicity:	Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure):	Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure):	Not classified Based on available data, the classification criteria are not met
Aspiration hazard:	Not classified Based on available data, the classification criteria are not met
Potential adverse human health effects and symptoms:	Due to thicker fibres mechanical effects on skin, eyes and upper respiratory system such as itching may occur. These are reversible temporary symptoms as may occur with any non-fibrous dusts. Effects of chemical species do not occur. According to the Regulation 1272/2008/EC the mineral wool is not classified as irritant.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general:	This product contains no hazardous components for the aquatic environment.
Acute aquatic toxicity:	Not classified
Chronic aquatic toxicity:	Not classified

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12.2. Persistence and degradability

Soluble components will raise biological oxygen demand (BOD) and chemical oxygen demand (COD) when getting into a wastewater treatment plant; components will be biologically reduced.

12.3. Bioaccumulative potential

No additional information available.

12.4. Mobility in soil

No additional information available.

12.5. Results of PBT and vPvB assessment

This product does not meet the PBT- or vPvB criteria of REACH regulation, annex XIII.

12.6. Other adverse effects

No additional information available.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste):

Dispose waste according to local regulations. Consult local council and /or state environment authority for advice on the disposal.

Waste treatment methods:

OWA has installed a recycling system for her own manufactured ceiling tiles after the production date 10.1997. Please send your enquiries to greencircle@owa.de or per telephone +49 9373 201 353.

Key No. for waste:

17 06 04 - insulation materials other than those mentioned in 17 06 01 and 17 06 03

Europe

Waste code:

The waste code number according to the Ordinance on the European Waste Catalogue (AVV) depends on the waste producer and can therefore vary for any given product. The waste code number is therefore to be gleaned separately from each waste producer.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

14.1. UN number

UN-No. (ADR): Not applicable

UN-No. (IMDG): Not applicable

UN-No. (IATA): Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR): Not applicable

Proper Shipping Name (IMDG): Not applicable

Proper Shipping Name (IATA): Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR): Not applicable

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IMDG

Transport hazard class(es) (IMDG): Not applicable

IATA

Transport hazard class(es) (IATA): Not applicable

14.4. Packing group

Packing group (ADR): Not applicable

Packing group (IMDG): Not applicable

Packing group (IATA): Not applicable

14.5. Environmental hazards

Dangerous for the environment: No

Marine pollutant: No

Other information: No supplementary information available

14.6. Special precautions for user

- **Overland transport** Not applicable

- **Transport by sea** Not applicable

- **Air transport** Not applicable

14.7. Hazchem or emergency action code

Not applicable

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions.

Contains no substance on the REACH candidate list.

Contains no REACH Annex XIV substances.

According to the EU-Construction Products Regulation EU 305/2011 and the EN 13964 the ceiling panels must be labelled with the CE marketing.

15.1.2. National regulations

No additional information available

15.2 Chemical safety assessment

Chemical safety assessment for this mixture was not carried out.

SECTION 16: Other information

Data sources: Preparation of safety data sheets for hazardous chemicals, Code of Practice, July 2020, Safe Work Australia; Classifying hazardous chemicals, National Guide, July 2020, Safe Work Australia; Hazardous Chemical Information System (HCIS); Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures.

Date of preparation: 25.11.2021

Changes compared to the previous version: None. Initial version.

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|| Changes

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Abbreviations and acronyms:

ADG: The Australian Code for the Transport of Dangerous Goods by Road and Rail

AICS: Australian Inventory of Chemical Substances

AIIC: Australian Inventory of Industrial Chemicals

BOD: Biological oxygen demand

COD: Chemical oxygen demand

GHS: Globally Harmonized System

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods Code for the transport of dangerous goods by sea

NICNAS: National Industrial Chemicals Notification and Assessment Scheme

OECD: Organisation for Economic Cooperation and Development

SDS: Safety Data Sheet

STP: Sewage Treatment Plant

TWA: Time-weighted average, the average airborne concentration of a particular substance permitted over an eight-hour working day and a five-day working week

WHO: World Health Organisation

WHS: Model "work health and safety", implemented from Safe Work Australia

Further Information:

Our products are endorsed with the RAL-quality assured mark for „mineral wool products“. This is only awarded to products where the constituent fibres meet the stringent criteria laid down in Regulation 1272/2008/EC Annex VI Number 1.1.3.1 Quota Q through both internal and independent external monitoring of product standards.

This data sheet is only valid if our products are used for the purpose for which they were manufactured. All information is based on our current up-to-date knowledge at the date of issue. It is not a guarantee for properties. Existing laws and regulations must be observed by the consignee at his own responsibility.

Information bureau:

For special information about OWAcoustic® products please contact our service department, Phone +49 9373 201 222.

Information from trade associations:

Through mineral fibres there is the possibility of short impact on the skin.

When installing insulation in unventilated spaces a suitable disposable facemask should be used.

When handling product, cover exposed skin. Wear goggles when working with product overhead.

Dispose of waste in accordance with local regulations.

Clean area using vacuum equipment.

If itching occurs, it may be lessened by rinsing in cold water before washing.

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