

Safety datasheet

Safety Data Sheet according to (EC) No. 1907/2006 (REACH).

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

1.1. Product identifier:

Rockfon Acoustic Ceiling and Wall Panels

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

Suspended Acoustic Ceiling and wall Panels for use Internally in Buildings.

1.3. Details of the supplier of the safety data sheet:

ROCKFON, ROCKWOOL International A/S
Hovedgaden 584
DK-2640 Hedehusene
Denmark

Tel: + 45 46 56 21 22
Fax + 45 46 56 40 30
www.rockfon.com

Responsible person for the safety data sheet (e-mail): niels.blume-frederiksen@rockfon.com

1.4. Emergency telephone number:

+45 46 56 21 22 (08.00 – 16.00 CET)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture:

According to Regulation 1272/2008 (CLP) Acoustic Ceiling and wall Panels are not chemical products and therefore does not require a classification. This Safety Data Sheet is intended as a service to customers/users of the panels.

2.2. Label elements:

None.

2.3. Other hazards: The material does not constitute any health risk, but careless handling may cause skin abrasion.

Dust from machining (e.g. milling, drilling, sawing, planning, grinding/polishing) may constitute minor health risks
- see SECTION 8.

PBT/vPvB: No ingredients are PBT/vPvB, according to the criteria in REACH Annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures:

Product description: Inert vitreous silicate mineral wool glued together with 3-4% of Bakelite type resin and up to 0.5% mineral oil. Non-woven mineral fibre tissue facing the product and some products additionally receives non-classified water-based paint on the front face and edges.
Products contain: 75-95% HT stone wool (CAS: 287922-11-6), 2-15% Mineral tissue, 0-15% Non-classified paint
No substances to declare.

SECTION 4: First aid measures (if user is exposed to dust from machining)

4.1. Description of first aid measures:

Symptomatic treatment.

Inhalation: Move user to fresh air. Keep under surveillance. If needed: Seek medical advice.
Skin contact: Remove clothes contaminated with dust. First rinse the skin with plenty of water and then wash the skin with soap and water. If itching occurs, it may be alleviated by rinsing in cold water prior to washing.
Eye contact: Flush eyes well with water or normal saline. If irritation persists: Seek medical advice.
Ingestion: Not relevant.

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

Inhalation of large amounts of dust may cause acute respiratory problems such as asthma. Dust may irritate the eyes. Prolonged or frequent exposure may cause chronic respiratory problems.

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

Show this Safety Data Sheet to a physician or emergency ward.

SECTION 5: Firefighting measures

5.1. Extinguishing media:

Water is preferred, foam may be used.

5.2. Special hazards arising from the substance or mixture:

Do not breathe smoke gasses: Carbon monoxide.

5.3. Advice for firefighters:

When entering burning area: Wear self contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

Not relevant.

6.2. Environmental precautions:

Not relevant.

6.3. Methods and material for containment and cleaning up:

Clean the area using vacuum equipment. Dampen dust with water. Then transfer material to a suitable container.

6.4. Reference to other sections:

Not relevant.

SECTION 7: Handling and storage

7.1. Precautions for safe handling:

Keep work area clean and dispose scrap material and debris in suitable containers. Spray with water before sweeping or use vacuum equipment. Ensure good ventilation.

7.2. Conditions for safe storage, including any incompatibilities:

Keep material in original packaging until it is to be used and protect against damage including weather.

The products must not be exposed to water (including rain) during storage.

The products must be stacked flat on level floor with protective panels or sheets between products and floor.

The products must not be stacked higher than specified on packaging.

The products must be stored in locations with temperatures in the range of 1-35°C and up to 95% relative humidity.

The location of storage must be free of chemicals, mould, fungi and other kinds of pollution.

7.3. Specific end use(s):

See SECTION 1

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters:

Occupational exposure limits: Comply with national and local regulations for dust exposure.

DNEL/PNEC: No CSR.

8.2. Exposure controls:

Maintain sufficient local exhaust and ventilation when machining. Ventilated air should not be recycled.

Personal protective equipment:

Inhalation: When installing insulation in unventilated spaces, wear a suitable disposable face mask: Use an approved mask with a particle filter: Type P2 (EN149). The filter has a limited lifetime and must be changed. Read the instruction.

Skin: When handling products, cover any exposed skin

Eyes: Wear goggles when working with products overhead (EN166).

Environmental exposure controls: None particular.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties:

Appearance:	Solid, grey-green.	
Odour:		Odourless
Odour threshold:		No available data
pH:		Neutral or slightly alkaline (pH: 7 – 9)
Melting point / freezing point (oC):		> 1000
Initial boiling point and boiling range (oC):		Not applicable
Decomposition temperature (oC):		> 200
Flash point (oC):		Not applicable
Evaporation rate:		Not applicable
Flammability (solid, gas):		Stone wool core is not combustible according to ISO 1182
Upper/lower flammability or explosive limits (vol-%):		Not applicable
Vapour pressure (bar, 20oC):		Not applicable
Vapour density (air=1):		Not applicable
Relative density (kg/m ³):		70 – 150 (depending on products)
Solubility:		Insoluble in water and chemically inert
Partition coefficient: n-octanol/water, Log Kow:		Not soluble in n-octanol or water
Auto-ignition temperature (oC):		Not relevant
Viscosity:		Not applicable
Explosive/Oxidising properties:		Not applicable

9.2. Other information: None relevant

SECTION 10: Stability and reactivity

10.1. Reactivity:

Chemically inert. Does not attack other materials.

10.2. Chemical stability:

Stable under recommended conditions (see section 7).

10.3. Possibility of hazardous reactions:

See SECTION 10.1.

10.4. Conditions to avoid:

None.

10.5. Incompatible materials:

None.

10.6. Hazardous decomposition products:

When mineral wool is heated above approximately 200°C, binder components and decomposition gases are emitted from the binder which can be detected as odour.

SECTION 11: Toxicological information

11.1. Information on toxicological effects:

Not relevant for ceiling panels.

Information on likely routes of exposure: May be absorbed by inhalation (lungs).

Synergistic products: Tobacco smoke may enhance the effects of inhalation of machining dust.

Symptoms:

Inhalation: Inhalation of large amounts of dust/fibres may cause acute respiratory problems.

Skin: Coarse fibres can cause itching on skin.

Eyes: Dust may irritate.

Ingestion: Not relevant.

Chronic effects: Prolonged or frequent exposure may cause chronic respiratory problems if not prevented by personal protective measures and/or engineering controls such as local exhaust. Carcinogenicity of product: None, Due to their high bio-solubility, the fibres of Rockwool stone wool are assessed as substances free from possible carcinogenic effects on health.

SECTION 12: Ecological information**12.1. Toxicity:**

Not applicable for ceiling panels.

12.2. Persistence and degradability:

Not relevant.

12.3. Bioaccumulative potential:

Not relevant.

12.4. Mobility in soil:

Not relevant.

12.5. Results of PBT and vPvB assessment:

Not relevant.

12.6. Other adverse effects:

Not relevant.

SECTION 13: Disposal considerations**13.1. Waste treatment methods:**

Comply with national and local regulations for inert waste. Dispose of waste in accordance with local regulations.
EWC-Code: 17 06 04 (Insulation materials)

SECTION 14: Transport information

Not dangerous goods according to ADR/RID/IMDG/IATA.

14.1. UN-no.: None.

14.2. UN proper shipping name: None.

14.3. Transport hazard class(es): None.

14.4. Packing group: None.

14.5. Environmental hazards: None.

14.6. Special precautions for user: None.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not relevant.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:**

The materials fulfil the directives:

2000/53/EC	End-of life vehicles.
850/2004/EC	On persistent organic pollutants (including PFOS (perfluorooctane sulfonates) and pentabromodiphenyl ether)
1907/2006/EC, annex XVII	Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), (including octabromodiphenyl ether)
2011/65/EC	On the restriction of the use of certain hazardous substances in electrical and electronic equipment (ROHS), including decaBDE.

The material also fulfil the labelling obligation that EURIMA has made with EC Commission.

15.2. Chemical Safety Assessment:

No CSR

SECTION 16: Other information**Abbreviations:**

CMR = Carcinogenicity, mutagenicity and reproductive toxicity.

CSR = Chemical Safety Report

DNEL = Derived No-Effect Level

EC₅₀ = Effect Concentration 50 %

ECB = European Chemicals Bureau.

ECHA = European Chemicals Agency

FW = Fresh Water

LC50 = Lethal Concentration 50 %

LD50 = Lethal Dose 50 %

PBT = Persistent, Bioaccumulative, Toxic

PNEC = Predicted No-Effect Concentration

vPvB = very Persistent, very Bioaccumulative

Special references used:

IARC = International Agency for Research on Cancer

Training advice:

No special training is required. However, the user should be well instructed in the execution of the task, and have normal training in the use of personal protective equipment.

Other information:

None.

Changes since the previous edition:

1-16 (according to 453/2010)

Note:

Information contained herein, while accurate to the best of our knowledge, is intended as a health and safety guide and should not be construed as a warranty for any specific properties. However, as conditions of handling and use of this material are beyond our control, we can accept no liability for damages incurred by the use of this material.

It is the responsibility of the user to comply with all applicable local and national laws and regulations, and nothing contained herein is to be construed as a recommendation for use in violation of any patents or of applicable laws or regulations.

Prepared by: Altos a/s – Tonsbakken 16-18 – DK-2740 Skovlunde - Phone +45 - 38 34 77 98 / PW - Quality control: PH