

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

1.1 Product identifier

Trade name: Rigips Mineralwolle Randdämmstreifen

1.2 Relevant identified uses of the mixture and uses advised against

Thermal, fire and/or acoustic insulation for use in technical & industrial applications, building construction and in other similar applications

1.3 Details of the supplier of the Safety Data Sheet

Manufacturer/Supplier:

Saint-Gobain Rigips GmbH
Schanzenstraße 84
D-40549 Düsseldorf
Germany

National contact:

Saint-Gobain Rigips GmbH - Ladenburg Development Center – Gypsum Development
Dr.-Albert-Reimann-Straße 20
D – 68526 Ladenburg
+49(0)621-4701691
Email forschung-entwicklung@rigips.de

1.4 Emergency telephone number:

Tel +49 (0)621 4701691 (only at daily working-times)

Common European Emergency Number: 112

2 Hazards identification

2.1 Classification of the substance or mixture

Classification according to regulation (EC) Nr. 1272/2008

The product is not classified according to the CLP regulation

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

3 Composition/information on ingredients

Rock Mineral Wool: 90 – 100 %

CAS number: -
EC number: 926-099-9
REACH registration number: 01-2119472313-44-XXXX
EU index number: 650-016-00-2
Ingredient notes: (1)

Classification: Not classified

Thermo set, inert polymer based on cured phenol formaldehyd resin: 0 – 10 %

CAS number: -

Classification: not classified

This product is to be considered as an article as per REACH-definition. Articles are substances or preparations which feature a specific form, surface and shape which define their function to a larger extent than their chemical composition.

Ingredient notes:

- (1) 650-016-00-2 – Man made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide ($\text{Na}_2\text{O}+\text{K}_2\text{O}+\text{CaO}+\text{MgO}+\text{BaO}$) content greater than 18 % by weight meeting the requirements of Note Q of regulation n° 1272/2008 and therefore not classified carcinogenicity.

CAS: Chemical Abstracts Service

Other information: Possible facing materials: glass veil, or polyester mat or aluminium or Kraft paper, wired mats.

4 First aid measures

4.1 Description of first aid measures

After inhalation:

Remove from exposure. Rinse the throat and clear dust from airways.

After skin contact:

If mechanical irritation occurs, remove contaminated clothing and wash skin gently with cold water and soap.

After eye contact:

Rinse abundantly with water for at least 15 minutes

After Ingestion:

Drink plenty of water if accidentally ingested

4.2 Most important symptoms and effects, both acute and delayed

The mechanical effect of fibres in contact with skin may cause temporary itching.

4.3 Indication of any immediate medical attention and special treatment needed

If any adverse reaction or discomfort continues from any of the above exposures, seek professional medical advice.

5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: Water, foam, carbon dioxide (CO₂) and dry powder

5.2 Special hazards arising from the substance or mixture:

Product do not pose a fire hazard in use; however, some packaging materials or facings may be combustible. Products of combustion from product and packaging – carbon dioxide, carbon monoxide and some trace gases such as ammonia, nitrogen oxides and volatile organic substances

5.3 Advice for fire fighters:

In large fires in poorly ventilated areas involving packaging materials respiratory protection/breathing apparatus may be required.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

In case of presence of high concentrations of dust, use the same personal protective equipment as mentioned in section 8.

6.2 Environmental precautions:

Not relevant

6.3 Methods and material for containment and cleaning up:

Vacuum cleaner or dampen down with water spray prior to brushing up

6.4 Reference to other sections

For personal protection, see Section 8. For waste disposal, see Section 13

7 Handling and storage

7.1 Precautions for safe handling

No specific measures. Cut using a knife, do not use a saw or use power tools. Avoid unnecessary handling of unwrapped product. Provide adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Storage precautions:

To ensure optimum product performance; when packaging is removed or opened; products should be stored inside or covered to protect them from ingress of rain water or snow. Storage arrangements should ensure stability of stacked products and use on a first in first out basis (FIFO) is recommended. Delivered packed in polyethylene film and or on wooden pallets.

Incompatible materials

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

7.3 Specific end use(s)

Thermal, fire and/or acoustic insulation for use in technical & industrial applications, building construction and in other similar applications.

8 Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits Rock Mineral Wool

Long-term exposure limit (8 hour TWA): WEL 2 fibres/ml 5 mg/m³ Machine-made mineral fibre (except for refractory ceramic fibres and special purpose fibres)

WEL = Workplace Exposure Limit

None at European level, refer to member state guidelines and legislation

8.2 Exposure controls Appropriate engineering controls

No specific measures

Eye/face protection

Use goggles especially if working above shoulders. Eye protection according to EN 166 is advised.

Hand protection

Use gloves to avoid itching in conformity with EN 388

Other skin and body protection

Cover exposed skin

Hygiene measures

After contact, wash hands with cold water and soap

Respiratory protection:

Wearing a face mask type in accordance with EN 149 FFP1 is recommended when using products in confined atmosphere or during operations which can generate emission of any dust.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:

Physical state: Solid. Roll or panel

Colour: Ochre

Odour: Not relevant

Odour treshold: No data available

pH-value: Not relevant

Change in condition

Melting point

Fibre melting point > 1000 °C according to
DIN 4102-17

Boiling temperature

Not relevant

Flash point:

Not relevant

Evaporation rate:

Not relevant

Flammability (solid, gaseous)

Not relevant

Upper/lower flammability of explosive limits

Not relevant

Vapour pressure:

Not relevant

Vapour density:

Not relevant

Relative density:	30-250 kg/m ³
Solubility(ies)	Generally chemically inert and insoluble in water
Auto-ignition temperatur:	Not relevant
Decomposition temperature:	Not relevant
Viscosity	Not relevant
Explosive properties:	Not relevant
Oxidising properties	Not relevant

Other information:

Nominal diameter of fibres	3-7 µm
Length weight geometric mean diameter less 2 standard errors	≈ 6 µm
Orientation of fibres	Random

10 Stability and Reactivity

10.1 Reactivity: None

10.2 Chemical stability: Binder will decompose above 200 °C

10.3 Possibility of hazardous reactions: None in normal conditions of use.

10.4 Conditions to avoid: Heating above 200 °C

10.5 Incompatible materials: None

10.6 Hazardous decomposition products: None in normal conditions of use. Decomposition of binder above 200 °C may produce carbon dioxide and some trace gases. The duration of release is dependant upon the thickness of the insulation, binder content and the temperature applied

11 Toxicological information

Information on toxicological effects

Toxicological effects:

The mechanical effect of fibres in contact with skin may cause temporary itching

General information

Classification not applicable for this product; in accordance with European Regulation 1272/2008, note Q.

12 Ecological information

12.1 Toxicity:

This product is not ecotoxic to air, water or soil, by composition

12.2 Persistence and degradability:

Inert inorganic product with Thermo set, inert polymer based on cured phenol formaldehyde resins; 0-10 %.

12.3 Bioaccumulative potential: Will not bioaccumulate

12.4 Mobility in soil: Not considered mobile. Less than 1 % leachable organic carbon if landfilled

12.5 Results of PBT and vPvB assessment

Not relevant

12.6 Other adverse effects: None known

13 Disposal considerations

Waste treatment methods

[17 06 04] Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities

Disposal methods

Dispose of in accordance with regulations and procedures in force in country of use or disposal

Recommendation:

The mentioned waste-classes are only an advice because according to EC-Law the waste-class must be defined by the origin of the waste. The correct waste code may differ and must be classified by the waste owner.

Attention: Observe local regulations and laws!

14 Transport Information

General: The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1 **UN number ADR, IMDG, IATA:** Not applicable

14.2 **UN proper shipping name ADR, IMDG, IATA:** Not applicable

14.3 **Transport hazard class(es) ADR, IMDG, IATA class:** No transport warning sign required

14.4 **Packing group ADR, IMDG, IATA:** Not applicable

14.5 Environmental hazards:

Marine pollutant: No

14.6 **Special precautions for user:** Not applicable

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

UN "Model Regulation: Not applicable

15 Regulatory information

EU legislation

Regulation (EC) no 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Commission Regulation (EU) No 2015/830 of 28 May 2015.

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 (as amended).

The European Regulation on Chemicals No 1907/2006, Registration, Evaluation, Authorisation of Chemicals (REACH) enacted on June 1st 2007 requires the provision of Safety Data Sheet (SDS) for hazardous substances and mixtures/preparations.

Saint-Gobain Rigips GmbH mineral wool products (panels, batts and rolls) are defined as articles under REACH and therefore a Safety Data Sheet for these products is not a legal requirement.

In accordance with industry practice and voluntary commitments, Saint-Gobain Rigips GmbH has decided to continue to provide its customers with the appropriate information for the purpose of assuring safe handling and use of mineral wool throughout the product life.

Chemical Safety Assessment: Not relevant

16 Other information

Indication of changes

New safety data sheet acc. 1907/2006/EG; Annex II, as amended (EU 2015/830)

Department issuing MSDS:

Saint-Gobain Rigips GmbH, Department: Ladenburg Development Center – Gypsum Development (LDC-GD); 68526 Ladenburg

Point of contact: See point 1

Information and instructions provided in this SDS are based on the current state of scientific and technical knowledge at the date of issue indicated. It should not be construed as any guarantee of technical performance, suitability for particular applications, and does not establish a legally valid contractual relationship.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)