

# Safety data sheet acc. to 1907/2006/EC, article 31

Printing date: 2016-02-26

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Revision: 13.5.2013

Trade name:

SILCAMIN 75-10, -75-12, -75-15, -75-20 und lose Wolle

## 1. Company identification

**Trade name:** SILCAMIN 75-10, -75-12, -75-15, -75-20 und lose Wolle

### Application of the substance:

Thermal and/or acoustic insulation for use in technical applications, industrial applications.

### Manufacturer/Supplier:

SILCA Service- und Vertriebsgesellschaft für Dämmstoffe mbH  
Auf dem Hüls 6  
D-40822 Mettmann  
Tel.: 02104/9727-0  
Fax.: 02104/9727-25

### Information department for technical details:

Tel.: 02104/9727-15  
Tel.: 02104/9727-18  
E-Mail: reach@silca-online.de

### Emergency information:

Tel.: 02104/9727-15  
Tel.: 02104/9727-18

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

67/548/EEC: The product is not classified.

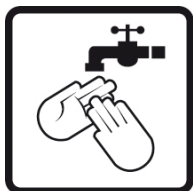
GHS/CLP CE No. 1272/2008 The product is not classified.

### 2.2. Label elements

There are no Risk Phrases associated with this product.



Cover exposed skin. When working in unventilated area wear disposable face mask.



Rinse in cold water before washing.



Clean using vacuum equipment.

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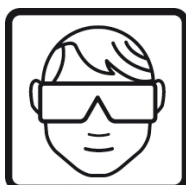
SILCAMIN 75-10, -75-12, -75-15, -75-20 und lose Wolle



Ventilate working area if possible.



Waste should be disposed of according to local regulations.



Wear goggles when working overhead.

## 2.3. Other hazards

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

Specific hazards: Not applicable.

## 3. Composition/information on ingredients

### 3.2. Mixtures

67/548/EEC:

%:	CAS-No.:	EC No.:	REACH Reg.No:	Chemical name:	Hazard classification:	Notes:
90 -100	-	926-099-9	01-2119472313-	Rock Mineral Wool	-	(1),(2),(3)
0 - 10	-	-	-	Thermo set,inert Polymer based on cured phenol formaldehyde resin		

GHS/CLP CE N $\square$ 1272/2008

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## Notes:

- (1) Mineral wool man (machine) made vitreous fibre (mmvf), alkali and alkaline earth (CaO + MgO + NaO + K<sub>2</sub>O) > 18 % in weight meeting the requirements of Note Q of directive 97/69/EEC and Classification, Labelling and Packaging (CLP), 1272/2008.
- (2) CAS-No.: Chemical Abstract Service
- (3) Rock mineral wool insulation fibres are not classified carcinogenic according to regulation n° 1272/2008 (page 335 of the JOCE L353 of December 31, 2008).

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

#### Inhalation:

Remove from exposure. Rinse the throat and blow nose to clear dust.

#### Skin contact:

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

#### Eye contact:

Rinse abundantly with water for at least 15 minutes.

#### 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. Fire fighting instructions

### 5.1. Extinguishing media

Extinguishing media: Water, foam, carbon dioxide (CO<sub>2</sub>), and dry powder.

### 5.2. Special hazards arising from the substance or mixture

Products 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 firefighters

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

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## 6. Accidental release

### 6.1. Personal precautions, protective equipment and emergency procedures

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

### 6.2. Environmental precautions

Environmental precautions: Not relevant.

### 6.3. Methods and material for containment and cleaning up

Methods for 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

Safe handling advice: Avoid unnecessary handling of unwrapped product.

Technical measures: No specific measures. Cut using a knife, do not use a saw or use power tools.

Technical precautions: Provide adequate ventilation.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions:

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.

No incompatible groups noted.

Delivered packed in polyethylene film and or on wooden pallets.

### 7.3. Specific end use(s)

Specific use(s): Not relevant.

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## 8. Exposure controls/ Personal protection

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

### 8.1. Control parameters

Rock mineral wool.Germany:

Occupational exposure limits:

CAS-No.:	Chemical name:	As:	Exposure limits:	Type:	Notes:	References:
-	Particulates not otherwise regulated (PNOR), total dust	-	10 mg/m <sup>3</sup>	AGW	2(II)	TRGS 900

### 8.2. Exposure controls

Engineering measures:

No specific measures.

Respiratory equipment:

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.

Hand protection:

Use gloves to avoid itching in conformity with EN 388.

Eye protection:

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

Skin protection:

Cover exposed skin.

Hygiene measures: After contact, wash hands with cold water and soap.

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## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance: Solid.

Form: Roll or panel.

Colour: Ochre.

Odour: Not relevant.

pH: Not relevant.

Boiling point: Not relevant.

Flash point: Not relevant.

Flammability (solid, gas): Not relevant.

Explosion limits: Not relevant.

Relative density: 30 - 250 kg/m<sup>3</sup>

Solubility: Generally chemically inert and insoluble in water.

### 9.2. Other information

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

Approximate 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

Reactivity: None.

### 10.2. Chemical stability

Stability: Binder will decompose above 200°C.

### 10.3. Possibility of hazardous reactions

Hazardous Reactions: None in normal conditions of use.

### 10.4. Conditions to avoid

Conditions/materials to avoid: Heating above 200 °C.

### 10.5. Incompatible materials

Incompatible materials: None.

### 10.6. Hazardous decomposition products

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.

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## 11. Toxicological information

### 11.1. Information on toxicological effects

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

Classification not applicable for this product; in accordance with EUCEB & RAL requirements

– see section 16.

## 12. Ecological information

### 12.1. Toxicity

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

### 12.2. Persistence and degradability

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

### 12.3. Bioaccumulative potential

Bioaccumulative potential: Will not bio-accumulate.

### 12.4. Mobility in soil

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

### 12.5. Results of PBT and vPvB assessment

PBT/vPvB: Not relevant.

### 12.6. Other adverse effects

Other adverse effects: None known.

## 13. Disposal considerations

### 13.1. Waste treatment methods

Waste from residues:

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

Contaminated packaging:

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

EWC-code: 17 06 04, Non-hazardous substance.

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## 14. Transport information

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

### 14.1. UN number

UN-No: -

### 14.2. UN proper shipping name

Proper Shipping Name: -

### 14.3. Transport hazard class(es)

Class: -

### 14.4. Packing group

Packing group: -

### 14.5. Environmental hazards

Marine pollutant: -

Environmentally Hazardous substance: -

### 14.6. Special precautions for user

Special precautions: None known.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Transport in bulk: Not relevant.

## 15. Regulatory information

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

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.

SILCA mineral wool products (panels, batts or 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, Knauf Insulation 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.

This material Safety Data Sheet / Product Data Sheet is in accordance with the EU directives 67/548/EEC, 1999/45/EEC, 1907/2006, 1272/2008 and 453/2010.

### 15.2. Chemical Safety Assessment

CSA status: Not relevant.



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## 16. Other information

### Further hints

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### Revision of last version:

MSDS revised according to EC directive No. 1907/2006.

### Departement issuing MSDS:

SILCA Service- und Vertriebsgesellschaft für Dämmstoffe mbH  
Auf dem Hüls 6  
D-40822 Mettmann