

# Safety data sheet conforming to (EC) 1907/2006 and (EC) 1272/2008

Printing date: 2016-02-26

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Revision: 10.11.15

Trade name:

SILCAMIN 60-40

## 1. Company identification

**Trade name:** SILCAMIN 60-40

**Application of the substance:** Insulating Board

**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

### Classification of substance/mixture according to Regulation (EC) 1272/2008

Not classified as hazardous.

### Classification of substance/mixture according to Guideline 67/548/EEC and Guideline 1999/45/EC

Not classified as hazardous.

### Labelling

None

## 3. Composition/information on ingredients

### 3.1 Chemical characterization:

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

Contains natural binders and optional latices (acrylic) with inorganic fillers; free of organic solvents.

### Composition/information on ingredients

Ingredient Name	INDEX No. According to Annex I 67/548/EWG	Wt. %	REACH-Registration- Number
Mineral Wool Fiber	650-016-00-2	30 – 65	01-2119472313-44-0016

**3.2 Dangerous components:** None

## 4. First aid measures

### 4.1. General notes:

Mechanical effects of thicker fibres to the skin, the eyes and upper respiratory system may occur in form of localized irritation

### 4.2. Following inhalation:

Rinse mouth. Move to fresh air

### 4.3. Following skin contact:

Wash with warm water

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#### 4.4. Following eye contact:

Remove foreign body carefully; rinse the eye thoroughly with water; seek medical help, if necessary.

### 5. Fire fighting instructions

SILCAMIN-boards are classified A2-s1, according to EN 13501-1.  
All standard extinguishing medias are qualified.

### 6. Accidental release

Not applicable

### 7. Handling and storage

During handling with SILCAMIN-Mineralboards wear single-use mask. Protect uncovered skin. When working overhead use safety glasses. Dispose waste according to local regulations. Clean working area with a vacuum cleaner. Rinse hands with cold water before cleaning them.

#### 7.1 Handling:

General Rules:

- ensure good circulation of air at workplace
- keep workplace clean
- minimize dust; use vacuum cleaner for area cleaning
- cut boards with sharp knives only
- when working overhead use protection goggles
- put on lightly-fitting working clothes and if necessary convenient gloves
- if you have a sensible respiratory tract wear half- or quarter masks with a P1-filter

#### 7.2 Storage:

Store cartons in dry area.

### 8. Exposure controls/ Personal protection

**8.1 Additional notes concerning the design of technical installations:** None

**8.2 Constituents with workplace-related, limited values to be monitored:** None

#### 8.2.1 Type of limit value:

General limit value for dust (alveolar dust concentration of 3 mg/m<sup>3</sup>, and 10 mg/m<sup>3</sup> for respirable dust. Value according to German TRGS 900).

**8.2.2 CAS-Nr., chemical designation:** -

**8.3 Personal safety equipment:** See section No. 7.1

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## 9. Physical and chemical properties

### 9.1. Appearance:

Physical state: Solid

Color: Surface: beige

Odor: Nil

### 9.2. Safety data:

Change of condition: -

Density: (25°C) 200 - 400 kg/m<sup>3</sup>

Steam pressure: ( °C) N. A. mbar

Water solubility: ( °C) N. A. g/l

pH-Value: ( °C) N. A.

Ignition point: N. A. °C

Ignition temperature: N. A.. °C

Explosibility limit: N. A..

Thermal decomposition: above 200 °C possible

SILCAMIN - boards are building materials according to EN 13964.

## 10. Stability and reactivity

### 10.1. General Rules:

In cases of correct storage and handling dangerous reactions are unknown

### 10.2. Conditions to avoid

Contact with water

### 10.3. Substances to avoid

Water

### 10.4. Dangerous products of decomposition:

None, in case of proper usage

## 11. Toxicological information

### 11.1 Carcinogenic effects:

None. 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 ( $L > 5 \mu\text{m}$ ,  $D < 3 \mu\text{m}$ ,  $L/D > 3/1 \mu\text{m}$ ) and the long fibres fraction (length  $> 20 \mu\text{m}$ ) is less than 40 days.

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## 11.2 Further observations:

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.

Adequate working clothes protect (regarding No. 7.1).

According to the Regulation 1272/2008/EC the mineral wool is not classified as irritant.

Practical experience, which show that there is a great potential for skin inflammation when handling with mineral wool, are not known.

## 12. Ecological information

Soluble components will raise BOD and COD when getting into a waste water treatment plant; components will be biologically reduced

## 13. Disposal considerations

### 13.1 Product:

Key No. for waste:

Europe:

17 06 04 - Disposal of waste see local regulations

17 09 04 - Disposal of waste see local regulations

## 14. Transport information

**GGVSee/IMDG-class:** Not classified

**UN-No.:** Not classified

**ICAO/IATA-class:** Not classified

**GGVE/GGVS-class:** Not classified

**RID/ADR:** Not classified

**ADNR:** Not classified

**Remarks:** No transport restrictions

## 15. Regulatory information

### 15.1 Labeling acc. to EC directives:

There is no requirement of labeling.

### 15.2 National Regulations:

Our products are exempted from the prohibition of bringing them into market according to Regulation 1272/2008/EC.

Classification of water hazardous: not hazardous for water (self-rating)

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## 16. Other information

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 rising in cold water before washing.

### 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.

### Department issuing MSDS:

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