

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

Printing date: 2016-07-09

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Revision: 18.9.15

Trade name:

SILCADUR 130 Coating

1. Company identification

Trade name: SILCADUR 130 Coating

Application of the substance:

Relevant identified uses

Use of the substance/mixture : For industrial use within high temperature applications.
Coating for use with High Temperature Insulation Wools.

Uses advised against

No additional information available

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

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to display Extra classification(s) to display

EUH-statements : EUH210 - Safety data sheet available on request

EUH208 - Contains 1,2-benzisothiazol-3(2H)-one . May produce an allergic reaction

2.3. Other hazards

No additional information available

3. Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Comments : Mixture of the substances listed below with non-hazardous additives

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
ethanediol	(CAS No) 107-21-1 (EC no) 203-473-3 (EC index no) 603-027-00-1 (REACH-no) 01-2119456816-28	1 - 2,5	Acute Tox. 4 (Oral), H302 STOT RE 2, H373

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Full text of H-statements: see section 16

4. First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation :
Allow breathing of fresh air.

First-aid measures after skin contact :
Gently wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation persists, take medical advice.

First-aid measures after eye contact :
Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion :
Rinse mouth. Drink plenty of water. Do NOT induce vomiting. Obtain emergency medical attention.

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

No additional information available

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

Treat symptomatically.

5. Fire fighting instructions

5.1. Extinguishing media

Suitable extinguishing media : The product is not flammable. Use extinguishing media appropriate for surrounding fire. Foam.

Dry powder. Carbon dioxide. Water spray.

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

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire: Carbon dioxide. Carbon monoxide. Aldehydes.

5.3. Advice for firefighters

Firefighting instructions : Prevent fire-fighting water from entering environment.

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

6. Accidental release

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Concerning personal protective equipment to use, see section 8.

Emergency procedures : Prohibit unauthorized persons.

6.1.2. For emergency responders

Protective equipment : Ensure adequate ventilation. Concerning personal protective equipment to use, see section 8. Emergency procedures : Ensure operatives are trained to minimise exposures.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. High efficiency particulate air filter (HEPA filter).

6.4. Reference to other sections

See Heading 7. See Heading 8. See Heading 13.

7. Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling :

Provide good ventilation in process area to prevent formation of vapour. Obtain special instructions before use. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid contact with skin and eyes. Avoid inhalation of vapours.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Product must only be kept in the original packaging. Keep container closed when not in use.

Protect against frost.

Storage temperature : 10 - 25 °C

Prohibitions on mixed storage : Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

No additional information available

8. Exposure controls/ Personal protection

8.1. Control parameters

ethanediol (107-21-1)

EU	Local name Ethylene	glycol
EU	IOELV TWA (mg/m ³)	52 mg/m ³
EU	IOELV TWA (ppm)	20 ppm
EU	IOELV STEL (mg/m ³)	104 mg/m ³
EU	IOELV STEL (ppm)	40 ppm
EU	Notes	Skin

8.2. Exposure controls

Hand protection : Chemical resistant PVC gloves (to European standard EN 374 or equivalent)

Eye protection : Safety glasses with side shields

Skin and body protection : Impervious clothing. Do not take working clothes home

Respiratory protection : Liquid product : Inhalation unlikely. If dust are formed : Wear appropriate mask

Other information : Do not eat, drink or smoke during use. Do not take working clothes home.

Separate working clothes from town clothes. Launder separately.

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9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Paste.

Colour : No data available

Odour : No data available

Odour threshold : No data available

pH : 9 - 10

Relative evaporation rate (butylacetate=1) : No data available

Melting point : No data available

Freezing point : No data available

Boiling point : No data available

Flash point : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : Not applicable

Vapour pressure : No data available

Relative vapour density at 20 °C : No data available

Relative density : No data available

Solubility : Water: Slightly soluble

Log Pow : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosive properties : No data available

Oxidising properties : No data available

Explosive limits : No data available

9.2. Other information

No additional information available

10. Stability and reactivity

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

No additional information available.

10.5. Incompatible materials

No additional information available.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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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) pH: 9 - 10

Serious eye damage/irritation :

Not classified (Based on available data, the classification criteria are not met) pH: 9 – 10

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)

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)

12. Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

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

No additional information available

12.6. Other adverse effects

No additional information available

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13. Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations :

Dispose in a safe manner in accordance with local/national regulations.

European List of Waste (LoW) code :

08 04 10 - waste adhesives and sealants other than those mentioned in 08 04 09

14. Transport information

In accordance with ADR / RID / IMDG / IATA / AND

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not regulated for transport				
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

14.6. Special precautions for user

- Overland transport

Transport regulations (ADR) : Not applicable

- Transport by sea

Transport regulations (IMDG) : Not applicable

- Air transport

Transport regulations (IATA) : Not applicable

- Inland waterway transport

Transport regulations (ADN) : Not applicable

- Rail transport

Transport regulations (RID) : Not applicable

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

Not applicable

15. Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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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.

Departement issuing MSDS:

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