

Safety Data Sheet

Bostik Silicone Glass Transparent

Replaces date: 27/03/2015

Revision date: 23/05/2017

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

1.1. Product identifier

Trade name: Bostik Silicone Glass Transparent

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

Recommended uses: Curing silicone sealant.

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Bostik AB
Address: Strandbadsvägen 22
Zip code: 251 09
City: Helsingborg
Country: SWEDEN
E-mail: info.se@bostik.com
Phone: +46 42 19 50 00
Homepage: www.bostik.com
Contact person: Name: - Environment dep., Phone: +46 42 19 50 00

1.4. Emergency Telephone Number

+46 8 331231 (Swedish Poisons Informations Centre)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.

CLP Classification - other information: Classification according to Regulation (EC) No 1272/2008 CLP / GHS: not classified.

Most serious harmful effects: Further information on potential health effects and symptoms of Section 11.

2.2. Label elements

P-phrases

P102 Keep out of reach of children.

Supplemental information

EUH208 Contains 4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one (DCOIT), (anti-mold agent). May cause an allergic reaction.
EUH210 Safety data sheet available on request.

2.3. Other hazards

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THE CONTENT OF FUNGICID (MOULD PROTECTION) MAY RESULT IN RELEASE OF SMALL AMOUNTS OF TOXIC COMPOUNDS. HENCE THE PRODUCT SHOULD NOT BE USED IN FISH-TANKS OR SIMILAR APPLICATIONS.

When curing, small amounts of acetic acid are formed.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| Substance | CAS number | EC No | REACH Reg. No. | Concentration | Notes | CLP-classification |
|--|------------|-----------|-----------------|---------------|-------|--|
| Triacetoxiethylsilan | 17689-77-9 | 241-677-4 | 01-211988177-15 | < 3% | | Acute Tox. 4;H302 Skin Corr. 1B;H314 Eye Dam. 1;H318 |
| Oligomera etyl-och metyacetoxy silaner | - | - | - | < 2% | | Skin Corr. 1B;H314 Eye Dam. 1;H318 |
| polydimetylsiloxan | - | - | | | | |

Please see section 16 for the full text of H-phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|----------------------|--|
| Inhalation: | Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. Contact physician if irritation persists. |
| Ingestion: | Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Do not induce vomiting or give anything by mouth to an unconscious person. |
| Skin contact: | Remove the product with cloth or paper. Wash skin thoroughly with soap and water. Seek medical attention for skin irritation or allergic reactions. |
| Eye contact: | Flush immediately with water (preferably using eye wash equipment) for at least 15 minutes. Open eye wide. Remove any contact lenses. Seek medical advice. |
| Burns: | Not applicable. |
| General: | In case of accident or if you feel unwell seek medical advice (show label or SDS where possible). |

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

Treat symptomatically.

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

Show this Material Safety Datasheet to the doctor. Acetic acid is formed under hydrolysis.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: Extinguish with powder, carbon dioxide, foam or fine water mist.

Unsuitable extinguishing media: Do not use a direct water jet that could spread the fire.

5.2. Special hazards arising from the substance or mixture

Risk of hazardous gasses or fumes in the event of fire. Exposure to combustion products may be a health hazard! Hazardous

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combustion products: carbon oxides , silicon oxides , incompletely burnt hydrocarbons , toxic and very toxic fumes .

5.3. Advice for fire-fighters

Wear a self contained breathing apparatus. Prevent discharges into the sewage system, watercourses or ground.

Other Information: No action shall be taken that involves personal risk or without appropriate training. The surrounding area must be removed. Keep unnecessary and undeclared workers away. Do not touch or walk through chemicals. Use suitable protective equipment. Show this safety data sheet if possible.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Wear necessary protective equipment. NB! Risk of slipping due to spillage. Avoid direct contact.

For emergency responders: Keep unnecessary people away, isolate hazard area and deny entry.

6.2. Environmental precautions

Prevent discharges into the sewage system, watercourses or ground.

6.3. Methods and material for containment and cleaning up

Bank and absorb with inert material (e.g. sand) and treat in accordance with local regulations.

6.4. Reference to other sections

See Section 8 for personal protective equipment and section 13 for waste disposal.

Other Information: No action shall be taken that involves personal risk or without appropriate training. The surrounding area must be removed. Keep unnecessary and undeclared workers away. Do not touch or walk through chemicals. Use suitable protective equipment. Show this safety data sheet if possible.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use personal protective equipment. Good working hygiene must always be observed when handling product. Provide good ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Store safely and keep out of reach of children. Keep in a dry, cool and well-ventilated place. Keep containers tightly closed in closed original packaging or other closed metal or plastic vessel.

7.3. Specific end use(s)

See Technical Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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8.2. Exposure controls

- Exposure controls:** Use the product under well-ventilated conditions.
- Appropriate engineering controls:** The work place and work methods shall be organized in such a way that direct contact with the product is prevented.
- Personal protective equipment, eye/face protection:** Eye protection is recommended when there is a risk of direct contact or splashes
- Personal protective equipment, skin protection:** Wear appropriate clothing to prevent any possibility of skin contact.
- Personal protective equipment, hand protection:** Wear appropriate clothing to prevent any possibility of skin contact.
Recommended glove material:
- Personal protective equipment, respiratory protection:** If ventilation is insufficient, use a breathing mask with filter for organic vapours (type A).
- Environmental exposure controls:** Prevent discharge into the sewage system or the immediate environment.
- Other Information:** Wash your hands thoroughly after handling and before eating or smoking.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| Parameter | Value/unit |
|----------------------|----------------------------------|
| State | Paste |
| Colour | Transparent. |
| Odour | Prickling |
| Solubility | Uncured product in white spirit. |
| Explosive properties | No data |
| Oxidising properties | No data |

| Parameter | Value/unit | Remarks |
|---|------------|---------|
| pH (solution for use) | No data | |
| pH (concentrate) | No data | |
| Melting point | No data | |
| Freezing point | No data | |
| Initial boiling point and boiling range | No data | |
| Flash Point | No data | |
| Evaporation rate | No data | |
| Flammability (solid, gas) | No data | |
| Flammability limits | No data | |
| Explosion limits | No data | |
| Vapour pressure | No data | |
| Vapour density | No data | |
| Relative density | No data | |
| Partition coefficient n-octanol/water | No data | |
| Auto-ignition temperature | No data | |
| Decomposition temperature | No data | |
| Viscosity | No data | |
| Odour threshold | No data | |

9.2 Other information

| Parameter | Value/unit | Remarks |
|-----------|------------------------|---------|
| Density | 1.02 g/cm ³ | |

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Other Information: Solubility in water: Hydrolytic decomposition occurs. Re 9.2 pH Value: Product displays acidic reaction with water. Explosion limits for released acetic acid: 4 - 17%(V).

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

Stable under recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Avoid contact with moisture and water.

10.5. Incompatible materials

Reacts with water, basic substances and alcohols . Reaction causes the formation of acetic acid .

10.6. Hazardous decomposition products

Stable under recommended storage and handling conditions.

By hydrolysis: acetic acid . Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C(302 °F) through oxidation.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral: Ingestion of large quantities may cause stomach ache, nausea and diarrhoea.

Acute toxicity - dermal

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| Organism | Test Type | Exposure time | Value | Conclusion | Test method | Source |
|----------|-------------|---------------|-------------|------------|-------------|--------------------|
| Rabbit | Dermal LD50 | | > 2009mg/kg | | | Analog comparative |

Acute toxicity - inhalation: The during curing released substances may irritate respiratory tracts if work takes place in confined badly ventilated rooms.

Skin corrosion/irritation

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| Organism | Test Type | Exposure time | Value | Conclusion | Test method | Source |
|----------|-----------|---------------|-------|----------------|-------------|--------------------|
| Rabbit | | | | Non-irritating | | Analog comparative |

Serious eye damage/eye irritation

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| Organism | Test Type | Exposure time | Value | Conclusion | Test method | Source |
|----------|-----------|---------------|-------|----------------|-------------|--------------------|
| Rabbit | | | | Non-irritating | | Analog comparative |

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Respiratory sensitisation or skin sensitisation

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| Organism | Test Type | Exposure time | Value | Conclusion | Test method | Source |
|------------|-----------|---------------|-------|-----------------|-------------|------------|
| Guinea pig | Dermal | | | Not sensitizing | | literature |

Based on the available data a sensitization reaction is not expected from this product.

SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

Silicone content: biologically not degradable. Separation by sedimentation. The product of hydrolysis (acetic acid) is readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulation is not expected to occur.

12.4. Mobility in soil

Silicone content: Insoluble in water.

12.5. Results of PBT and vPvB assessment

The substance / mixture contains no components considered be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) in levels of 0.1% or higher.

12.6. Other adverse effects

None known.

Other Information

Silicone: insoluble in water when vulcanised. Can be easily separated from water through filtration. Prevent discharges into the sewage system, watercourses or ground.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Dried product in limited volumes may be treated as normal industrial waste.

Category of waste: 07 02 17 waste containing silicones other than those mentioned in 07 02 16

SECTION 14: Transport information

| | | | |
|---------------------------------------|-----------------|-------------------------------------|-----------------|
| 14.1. UN-No.: | Not applicable. | 14.4. Packing group: | Not applicable. |
| 14.2. UN proper shipping name: | Not applicable. | 14.5. Environmental hazards: | Not applicable. |

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14.3. Transport hazard class(es): Not applicable.

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

SECTION 15: Regulatory information

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

Special Provisions: Safety, health and environmental regulations / legislation specific for the substance or mixture. EU Regulation (EC) No 1907/2006 (REACH). Marking of "treated articles" under Regulation (EU) 528/2012, Article 58. This product contains a biocidal product for the preservation of the dry film. Contains:4,5-dichloro-2-octyl-2H-isothiazol-3-one (CAS 64359-81-5). EH40/2005 Workplace exposure limits incl. supplement from October 2007.

15.2. Chemical Safety Assessment

Other Information: For this product, no Chemical Safety Assessment in accordance with Directive (EC) 1907/2006 (REACH) has been carried out.

SECTION 16: Other information

Vendor notes: Version 3.
The information in this SDS is based on our current knowledge and on current EU and national laws. The product should not be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the user who has full responsibility to comply with the requirements of current legislation. The information in this SDS is meant as a description of safety requirements for the product and not a guarantee of product properties.

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List of relevant H-statements

H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.

Document language: GB