

Safety Data Sheet

Bostik Silicone Build & Sanitary

Replaces date: 19/03/2017

Revision date: 20/02/2019

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

1.1. Product identifier

Trade name: Bostik Silicone Build & Sanitary

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

Recommended uses: Silicone sealants.

Inadvisable uses: 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.

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

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 3-aminopropyltriethoxysilane. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

2.3. Other hazards

Contains fungicide 2-Butyl-1,2-benzisothiazolin-3-one.

The product is hydrolyzed with formation of ethanol (CAS: 64-17-5). Ethanol is highly flammable.

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The components in this product do not meet the criteria for classification as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
hydrocarbons	64742-46-7	265-148-2	01-2119552497-29	< 5%		Asp. Tox. 1;H304
3-Aminopropyl (methyl) silseskvioxan, ethoxy-terminated	128446-60-6	603-274-5	-	< 3%		Flam. Liq. 3;H226 Skin Irrit. 2;H315 Eye Irrit. 2;H319

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.
Ingestion:	Drink a few glasses of water. Do not induce vomiting.
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:	Promptly wash eyes with plenty of water while lifting the eye lids. Contact physician if irritation persists.
General:	When obtaining medical advice, show the safety data sheet or label.

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

No known significant effects or hazards.

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

Show this Material Safety Datasheet to the doctor. Further toxicological information in section 11 must be considered.

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

Fire will produce dense black smoke containing hazardous products of combustion.

5.3. Advice for fire-fighters

Wear a self contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Wear necessary protective equipment. See Section 8 for personal protective equipment.

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NB! Risk of slipping due to spillage.

For emergency responders: In the event of major spillage, prevent spreading by banking in with sand, earth or the like. 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.

6.2. Environmental precautions

Prevent discharges into the sewage system, watercourses or ground. Move the leaking container to a segregated area. Notify proper authorities in case of contamination of soil or aquatic environment or discharge to drains.

6.3. Methods and material for containment and cleaning up

Prevent dispersion through damming with sand, earth or other suitable material. Collect mechanically. Place in a container for disposal of chemical waste. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaning agents.
Eliminate all sources of ignition.

6.4. Reference to other sections

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

All work must be carried out under well-ventilated conditions. Wash hands before breaks, before using restroom facilities, and at the end of work. Do not eat, drink or smoke during work. Keep away from heat, sparks and open flame. Take precautionary measures against static discharges.

7.2. Conditions for safe storage, including any incompatibilities

Keep container dry and cool in a well-ventilated place. Protect against moisture.

7.3. Specific end use(s)

See Technical Data Sheet.

Other Information: The product is hydrolyzed with formation of ethanol (CAS: 64-17-5). Ethanol is highly flammable. Smoking and naked flames prohibited.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

Substance name	Time period	ppm	mg/m3	fiber/cm3	Comments	Remarks
ethanol, ethyl alcohol	8h	1000	1920			

8.2. Exposure controls

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 reasonably probable skin contact.

Personal protective equipment, hand protection: Protective gloves is recommended if there is a risk of direct contact or splashes. Butyl rubber - IIR: Thickness \geq 0,3 mm; Breakthrough time \geq 480min. Nitrile rubber - NBR: Thickness \geq 0.1 mm; breakthrough time \geq 480min.

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The suitability and durability of a glove is dependant on usage, e.g. frequency and duration of contact, glove material thickness, functionality and chemical resistance. Always seek advice from the glove supplier.

Personal protective equipment, respiratory protection: If inhalative exposure above the occupational exposure limit cannot be excluded, adequate respiratory protection equipment must be used. Suitable respiratory equipment: Respirator with a full face mask, according to acknowledged standards such as EN 136. Recommended Filter type: Gas filter type ABEK (certain inorganic, organic and acidic gases and vapors; ammonia/amines), according to acknowledged standards such as EN 14387.

Environmental exposure controls: Prevent discharge into the sewage system, due to the risk of blockage.

Other Information: Good working hygiene must always be observed when handling product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Paste
Colour	See the package
Odour	Alcohol
Solubility	Insoluble in water
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	1.02 - 1.03	(23°C)
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	> 400 °C	
Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

9.2 Other information

Parameter	Value/unit	Remarks
Density	1,02 - 1,03 g/cm ³	(23°C)
Dynamic viscosity	ca. 800000 mPa.s	(23°C)

SECTION 10: Stability and reactivity

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10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

No specific dangers known, if the regulations / instructions for storage and handling are considered.

10.3. Possibility of hazardous reactions

No hazardous reactions with proper storage and handling.

10.4. Conditions to avoid

Avoid contact with moisture and water.

10.5. Incompatible materials

Reacts with alkalis, acids and water. Reaction causes the formation of ethanol.

10.6. Hazardous decomposition products

Ethanol.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

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Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	Oral LD50		> 2000			Analog comparative

Acute toxicity - dermal

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Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 2000mg/kg			Analog comparative

Acute toxicity - inhalation: No information available

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

Respiratory sensitisation or skin sensitisation

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Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Guinea pig	Dermal			Not sensitizing	OECD 406	Analog comparative

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Germ cell mutagenicity:	Test data are not available.
Carcinogenic properties:	Test data are not available.
Reproductive toxicity:	Test data are not available.
Single STOT exposure:	Test data are not available.
Repeated STOT exposure:	Test data are not available.
Aspiration hazard:	Based on existing data, the classification criteria are deemed not to have been met.
Other toxicological effects:	Product of hydrolysis (Ethanol): Ethanol (64-17-5) is readily absorbed at all exposure routes. Ethanol may cause irritation of eyes and mucosa, trigger dysfunction of the central nervous system and cause nausea as well as dizziness. Chronic exposure to high amounts of ethanol may cause damage to liver and central nervous system.

SECTION 12: Ecological information

12.1. Toxicity

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Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish		96h	96hLC50	> 100mg/l			
	Daphnia magna	48h	48hEC50	> 100mg/l			

No effect on the environment.

12.2. Persistence and degradability

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

12.3. Bioaccumulative potential

Test data are not available.

12.4. Mobility in soil

Insoluble in water.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dried product in limited volumes may be treated as normal industrial waste. Unemptied packaging is classed as product. 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

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requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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

14.6. Special precautions for user

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

Not applicable.

SECTION 15: Regulatory information

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

Special Provisions: Observe local regulations.

Safety, health and environmental regulations / legislation specific for the substance or mixture. EU Regulation (EC) No 1907/2006 (REACH).

EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59.
The product does not contain SVHC substances.

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction: None of the components are listed.

EU-REACH (1907/2006) - Annex XIV - List of substances subject to authorisation: None of the components are listed.

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 5.
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

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.

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H319 Causes serious eye irritation.

Document language: GB