

Safety Data Sheet

Bostik Heat Seal 1200 °C

Replaces date: 30/09/2014

Revision date: 02/08/2017

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

1.1. Product identifier

Trade name: Bostik Heat Seal 1200 °C

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

Recommended uses: For fire-sealing around chimneys, tube passages, ventilation channels, in central heating furnaces etc. Withstands temperature up to +1200°C.

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: Skin Irrit. 2;H315 Eye Dam. 1;H318

Most serious harmful effects: Causes skin irritation. Causes serious eye damage.

2.2. Label elements

Pictograms



Signal word: Danger

Contains

Substance: sodium silicate

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H-phrases

H315 Causes skin irritation.
H318 Causes serious eye damage.

P-phrases

P102 Keep out of reach of children.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302/352 IF ON SKIN: Wash with plenty of soap and water.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313 If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS number	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
sodium silicate	1344-09-8	2156874	01-2119652761-37	10 -< 30%		Skin Irrit. 2;H315 Eye Dam. 1;H318
Kaolin, hydrogenated aluminium silicate	1332-58-7	310-194-1		10 -< 30%		

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

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Move the exposed person to fresh air. Consult a doctor if symptoms should occur.
Ingestion: Drink water immediately. Seek medical advice.
Skin contact: Wash skin with soap and water.
Eye contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Remove contact lenses. Continue to rinse for at least 15 minutes. Provide eyewash, quick drench.
Burns: Flush with water until the pain stops and continue flushing for another 30 minutes. Consult a physician for specific advice.

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

No known significant effects or critical hazards.

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

Show this Material Safety Data Sheet to the doctor.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: Extinguishing agent: carbon dioxide, powder, foam, a wide water jet or water mist.

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5.2. Special hazards arising from the substance or mixture

No special hazards known.

5.3. Advice for fire-fighters

Use a respirator and other protective equipment.

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: Provide good ventilation. Avoid direct contact. Wear necessary protective equipment.

6.2. Environmental precautions

Prevent discharges into the sewage system, watercourses or ground. #Not translated#

6.3. Methods and material for containment and cleaning up

Soak up with sawdust, sand or other inert absorption material and collect.

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

Good working hygiene must always be observed when handling product. Avoid direct contact.

7.2. Conditions for safe storage, including any incompatibilities

P102 Keep out of the reach of children. Keep container dry. Keep containers tightly closed in closed original packaging.

7.3. Specific end use(s)

See Product Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

Substance name	Time period	ppm	mg/m3	Comments	Remarks
Kaolin, hydrogenated aluminium silicate	8h		2	Respirable dust	

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Measuring methods: The work place and work methods shall be organized in such a way that direct contact with the product is prevented.

8.2. Exposure controls

Exposure controls: Immediately remove contaminated clothes and wash them before reusing. Wash hands before breaks, before using restroom facilities, and at the end of work. Avoid contact with eyes.

Personal protective equipment, eye/face protection: Access to eye wash or face wash. Use tight-fitting protective goggles.

Personal protective equipment, skin protection: Use suitable protective clothing, as necessary.

Personal protective equipment, hand protection: Protective gloves (butyl rubber, chloroprene rubber, PVC).

Personal protective equipment, respiratory protection: Ensure good general ventilation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Paste
Colour	Black
Odour	Characteristic
Solubility	Miscible with water.
Explosive properties	Non-explosive
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	100 °C	
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

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Parameter	Value/unit	Remarks
Density	1,95 g/cm ³	

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stable under recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None known. Stable under recommended storage and handling conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation: May cause slight irritation.

Serious eye damage/eye irritation: May cause irritation/smartering. Causes serious eye damage.

Respiratory sensitisation or skin sensitisation: No known significant effects or critical hazards.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological information for the product is not available.

12.2. Persistence and degradability

No known significant effects or critical hazards.

12.3. Bioaccumulative potential

No known significant effects or critical hazards.

12.4. Mobility in soil

No known significant effects or critical hazards.

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12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

No information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Unhardened product must be treated as dangerous waste. Dried products can be treated as normal industrial waste. 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.

Category of waste: 08 04 09* waste adhesives and sealants containing organic solvents or other hazardous substances

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 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). SVHC substances (Substances of Very high concern): None of the components are listed. Annex XIV - List of substances subject to authorisation: None of the components are listed. 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 4.
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

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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

H315 Causes skin irritation.
H318 Causes serious eye damage.

Document language: GB