

Safety Data Sheet

Bostik 4000 Tile Adhesive Paste

Replaces date: 12/11/2016

Revision date: 28/11/2017

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

1.1. Product identifier

Trade name: Bostik 4000 Tile Adhesive Paste

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

Recommended uses: 4000 Tile Adhesive Paste is a ready-mixed, flexible adhesive with good adhesion for mounting ceramic materials on any solid wall substrate.

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.

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

2.2. Label elements

Supplemental information

EUH208 Contains 1,2-Benzisothiazol-3(2H)-one [220-120-9]; mixture of 5-chloro-2-methyl- 2H- isothiazol-3-one [EC no. 247-500-7] and 2- methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (Preservatives, prevents microorganisms when stored). Polyoxy(methyl-1,2- ethanediyl), .alpha.-(methylphenyl)-.omega.-hydroxy. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

The product shall not be classified as hazardous according to the classification and labeling

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rules for substance and mixtures.

2.3. Other hazards

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

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 number	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
ethanediol, ethylene glycol	107-21-1	203-473-3	01-2119456816-28	1 -< 3%		Acute Tox. 4;H302 STOT RE 2;H373
Quarts sand	14808-60-7	238-878-4		1 -< 3%		STOT RE 1;H372

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

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Fresh air and rest. Keep the respiratory tract clear. Get medical attention if any discomfort continues. .
Ingestion:	If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. Seek medical advice immediately.
Skin contact:	Wash skin thoroughly with soap and water. Do not use solvents. Remove contaminated clothing.
Eye contact:	Rinse the eye with water immediately. Remove any contact lenses and rinse with water for at least 15 minutes (keep the eyelids open). Contact physician.
Burns:	Not applicable.
General:	When obtaining medical advice, show the safety data sheet or label.

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

By prolonged contact, the product may dry the skin.

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

Treat symptoms. Show this Material Safety Data Sheet to the doctor.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media:	Extinguish with powder, foam, carbon dioxide or water mist.
Unsuitable extinguishing media:	Do not use a direct water jet.

5.2. Special hazards arising from the substance or mixture

Formation of hazardous vapours may take place at decomposition temperatures. Carbon monoxide (CO) and carbon dioxide (CO₂).

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5.3. Advice for fire-fighters

Do not allow extinguishing water or spillage to run out into the sewage system. Breathing apparatus should be used in fire fighting.

Other Information: Cool containers exposed to flames with water until well after the fire is out.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Wear necessary protective equipment. Avoid contact with skin and eyes.

6.2. Environmental precautions

Prevent discharges into the sewage system, watercourses or ground. 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

Collect with inert absorbent material (eg sand, silicon gel, acid binders, universal binders, sawdust). Collect the spillage into suitable containers for incineration.

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

No special requirements.

7.2. Conditions for safe storage, including any incompatibilities

Store frost-free. Recommended storage temperature. 10°C-30°C

7.3. Specific end use(s)

Waterbased adhesive
See Technical Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

Substance name	Time period	ppm	mg/m3	Comments	Remarks
Quarts sand	8h		0.1		
ethanediol, ethylene glycol	8h	20	52		Sk
ethanediol, ethylene glycol	15m	40	104		Sk

Sk = Can be absorbed through skin

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8.2. Exposure controls

Appropriate engineering controls: Workplace and work methods are designed to prevent direct contact. Observe hygiene limits.

Personal protective equipment, eye/face protection: Wear safety goggles. Eye protection must conform to EN 166.

Personal protective equipment, skin protection: Wear appropriate clothing to prevent any possibility of skin contact.

Personal protective equipment, hand protection: Protective gloves is recommended if there is a risk of direct contact or splashes. Gloves must conform to EN 374.
Protective gloves: Suitable material for protective gloves; EN 374, Polychloroprene - CR: Thickness > = 0.75mm; Breakthrough time > = 480min. Nitrile rubber - NBR: Thickness > = 0.85mm; breakthrough time > = 480min. Butyl rubber - IIR: Thickness > = 0.7mm; Breakthrough time > = 480min.

Personal protective equipment, respiratory protection: Normally none needed.

Environmental exposure controls: Avoid discharge into drains, water or soil.

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	Off-white
Odour	Mild Characteristic.
Solubility	Soluble in water.
Explosive properties	No data
Oxidising properties	No data

Parameter	Value/unit	Remarks
pH (solution for use)	7 - 8	
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	

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9.2 Other information

Parameter	Value/unit	Remarks
Density	1,2 g/cm3	

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal use conditions.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Protected against freezing.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None, if stored at the recommended storage conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral:	Based on existing data, the classification criteria are deemed not to have been met.
Acute toxicity - dermal:	Based on existing data, the classification criteria are deemed not to have been met.
Acute toxicity - inhalation:	Based on existing data, the classification criteria are deemed not to have been met.
Skin corrosion/irritation:	Based on existing data, the classification criteria are deemed not to have been met.
Serious eye damage/eye irritation:	Based on existing data, the classification criteria are deemed not to have been met.
Respiratory sensitisation or skin sensitisation:	Sensitization (skin) Contains 1,2-Benzisothiazol-3(2H)-one. mixture of 5-chloro-2-methyl- 2H-isothiazol-3-one and 2- methyl-2H-isothiazol-3-one.(3:1). Polyoxy(methyl-1,2-ethanediyl), .alpha.-(methylphenyl)-.omega.-hydroxy. May produce an allergic reaction.
Germ cell mutagenicity:	Based on existing data, the classification criteria are deemed not to have been met.
Carcinogenic properties:	Based on existing data, the classification criteria are deemed not to have been met.
Reproductive toxicity:	Based on existing data, the classification criteria are deemed not to have been met.

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Single STOT exposure:	Based on existing data, the classification criteria are deemed not to have been met.
Repeated STOT exposure:	Pasty mixture: The amount of quartz dust is physically bound and may not cause a hazard by inhalation. Therefore not classified as STOT RE H372.
Aspiration hazard:	Based on existing data, the classification criteria are deemed not to have been met.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological information for the product is not available.

12.2. Persistence and degradability

No information available

12.3. Bioaccumulative potential

No information available

12.4. Mobility in soil

No information available

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

None known.

Other Information

Prevent discharges into the sewage system, watercourses or ground.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dried product in limited volumes may 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 10 waste adhesives and sealants other than those mentioned in 08 04 09

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.		

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14.6. Special precautions for user

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

No known information.

SECTION 15: Regulatory information

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

Special Provisions:

Marking of "treated articles" under Regulation (EU) 528/2012, Article 58. This product contains Preservative that prevents microorganisms when stored. Mixture of: 1,2-benzisothiazol-3(2H)-on [EC no.220-120-9]; 5-chloro-2-methyl-2H-isothiazol-3-one [EC no.247-500-7] and 2-methyl-2H isothiazol-3-on [EC no. 220-239-6] (3: 1). May cause allergic reactions.

EH40/2005 Workplace exposure limits incl. supplement from October 2007.

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Take note of Directive 92/85/EEC on the protection of pregnant and breastfeeding women at work.

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 2.
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.

H372 Causes damage to organs through prolonged or repeated exposure.

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H373

May cause damage to organs through prolonged or repeated exposure.

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