

Safety Data Sheet

Bostik Floor Screed BASE 20

Issued: 04/10/2018

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

1.1. Product identifier

Trade name: Bostik Floor Screed BASE 20

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

Recommended uses: Cement-based screed.

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

112 - ask for Poison Information Center - Sweden

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Eye Irrit. 2;H319

Most serious harmful effects: Causes serious eye irritation.

2.2. Label elements

Pictograms



Signal word: Warning

Contains

Substance: Portland cement

Unique Formula Identifier (UFI): DEN2-70HD-Q00V-N66T

H-phrases

H319 Causes serious eye irritation.

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P-phrases

| | |
|--------------|--|
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P305+351+338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310 | Immediately call a POISON CENTER or doctor/physician. |
| P302+352 | IF ON SKIN: Wash with plenty of water and soap. |

2.3. Other hazards

Product dust may be irritating to eyes, skin and respiratory system. When cement reacts with water a strong alkaline solution is produced. Prolonged contact with wet cement or wet concrete may cause serious burns because they develop without pain being felt e.g. when kneeling in wet cement even when wearing trousers. Frequent inhalation of large quantities of cement dust over a long period of time increases the risk of developing lung disease.

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.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| Substance | CAS No | EC No | REACH Reg. No. | Concentration | Notes | CLP-classification |
|-----------------|------------|-----------|----------------|---------------|-------|---|
| Quarts sand | 14808-60-7 | 238-878-4 | - | 40 -< 80% | | |
| Portland cement | 65997-15-1 | 266-043-4 | - | 1 -< 2.5% | | Skin Irrit. 2;H315 Eye Dam. 1;H318 STOT SE 3;H335 |

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. Rinse nose, mouth and throat with water. Consult a physician for specific advice. Dust may irritate the respiratory tract. |
| Ingestion: | Get medical attention immediately. Thoroughly rinse the mouth with water. Never give anything by mouth to an unconscious person. |
| Skin contact: | Remove contaminated clothing. Wash skin with soap and water. Seek medical attention for skin irritation or allergic reactions. |
| Eye contact: | Open eye wide, remove any contact lenses and flush immediately with water (preferably using eye wash equipment). Seek medical advice immediately. Continue flushing until medical attention is obtained. |
| General: | In the event of an accident, nausea or other effect, contact a doctor immediately. |

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

Risk of serious damage to eyes.

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

Show this Material Safety Data Sheet to the doctor. To hospital if strong cough or vomiting occurs, or if larger quantity has been consumed.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media: Do not use a direct water jet.

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5.2. Special hazards arising from the substance or mixture

No dangerous products of combustion are known.

5.3. Advice for fire-fighters

Wear respiratory protection with combination filter (dust and gas filter). 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 respirator if there is dust formation. Use suitable protective clothes, protective gloves and protective goggles. Avoid inhaling dust/mist.

For emergency responders: Wear respirator if there is dust formation.

6.2. Environmental precautions

Avoid generation and spreading of dust. Prevent discharge into the sewage system, due to the risk of blockage.

6.3. Methods and material for containment and cleaning up

Collect with vacuum cleaner or carefully sweep together and collect. Collect in containers and seal securely.

6.4. Reference to other sections

See section 13 for waste disposal. See Sections 7 and 8 for prevention.

Other Information: In the event of major emissions, contact the relevant authorities.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use the product under well-ventilated conditions. Avoid dust formation. Use personal protective equipment. Good working hygiene must always be observed when handling product. When using do not eat, drink or smoke. The cement is chrome reduced. Persons who are allergic to chrome should not use the ready to use mixture.

7.2. Conditions for safe storage, including any incompatibilities

The product is chrome reduced to reduce the risk of chromium allergy. The effect is reduced during storage, especially in humid environments. Observe durability. Store in the original container in a dry place.

7.3. Specific end use(s)

See Product Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit: Contains no substances subject to reporting requirements

8.2. Exposure controls

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| | |
|---|--|
| Exposure controls: | Personal precautions: Avoid skin contact with product, wipe up the pollution / spill as soon as incurred. Provide training for employees to prevent exposure. Use personal protective equipment as in Section 8. Good working hygiene must always be observed when handling product. Do not eat, drink or smoke during work. Wash hands before breaks, before using restroom facilities, and at the end of work. |
| Appropriate engineering controls: | Make sure the ventilation is sufficient. This can be achieved by local exhaustion or general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies especially to the mixing / stirring area. If this is not enough to keep the concentration below the limit values, respiratory protection must be used. |
| Personal protective equipment, eyeface protection: | Use tight-fitting protective goggles. Eye protection must conform to EN 166. Access to eye wash or face wash. |
| Personal protective equipment, skin protection: | Wear appropriate clothing to prevent reasonably probable skin contact. Take off contaminated clothing and wash before reuse. |
| Personal protective equipment, hand protection: | Use suitable protective gloves made of nitrile rubber. Gloves must conform to EN 374. Breakthrough time:> 480 min If signs of wear and tear are noticed then the gloves should be replaced. |
| Personal protective equipment, respiratory protection: | Wear respirator if there is dust formation. |
| Environmental exposure controls: | Prevent discharge into the sewage system, due to the risk of blockage. |
| Other Information: | Pay attention to warning labels on the container. The work place and work methods shall be organized in such a way that direct contact with the product is prevented. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| Parameter | Value/unit |
|----------------------|----------------------|
| State | Powder. |
| Colour | Grey |
| Odour | No Smell |
| Solubility | Miscible with water. |
| Explosive properties | No data |
| Oxidising properties | No data |

| Parameter | Value/unit | Remarks |
|---|------------|---------|
| pH (solution for use) | 11 - 11.5 | |
| 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 | |

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| | | |
|-----------------|---------|--|
| Odour threshold | No data | |
|-----------------|---------|--|

9.2 Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts exothermically with water.

10.2. Chemical stability

Stable under recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

Reacts violently with acids.

10.4. Conditions to avoid

Protect against moisture.

10.5. Incompatible materials

No known

10.6. Hazardous decomposition products

No dangerous decomposition products during appropriate storage and handling.

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: May cause slight irritation.

Serious eye damage/eye irritation: Causes serious eye damage.

Respiratory sensitisation or skin sensitisation: Based on existing data, the classification criteria are deemed not to have been met.

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.

Single STOT exposure: Based on existing data, the classification criteria are deemed not to have been met.

Repeated STOT exposure: Based on existing data, the classification criteria are deemed not to have been met.

Aspiration hazard: Based on existing data, the classification criteria are deemed not to have been met.

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Other toxicological effects: The product is chrome reduced to reduce the risk of chromium allergy. The effect is reduced during storage, especially in humid environments. Observe durability. Store in the original container in a dry place.

SECTION 12: Ecological information

12.1. Toxicity

No known negative effects.

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

No known negative effects.

Other Information

Prevent discharges into the sewage system, watercourses or ground.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Unhardened product must be treated as dangerous 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: 16 03 03* inorganic wastes containing hazardous substances
15 01 10* packaging containing residues of or contaminated by hazardous substances

Cured product
17 09 04 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

SECTION 14: Transport information

14.1. UN-No.: Not applicable.

14.2. UN proper shipping name: Not applicable.

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

14.4. Packing group: Not applicable.

14.5. Environmental hazards: Not applicable.

14.6. Special precautions for user

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

No information available

SECTION 15: Regulatory information

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

Special Provisions:

Observe local regulations.
Contains quartz. Observe local regulations.

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

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/EC 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:
Cement, portland, chemicals (Chromium VI reduced) [65997-15-1]. Restrictions on use: 47

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 1.
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.

Date: 04/10/2018

List of relevant H-statements

H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Document language: GB