

# Safety Data Sheet

## Bostik Floor Screed 1055 Fiber Maxi

Replaces date: 20/05/2015

Revision date: 04/01/2018

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

#### 1.1. Product identifier

**Trade name:** Bostik Floor Screed 1055 Fiber Maxi

#### 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

+46 8 331231 (Swedish Poisons Informations Centre)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**CLP-classification:** Skin Irrit. 2;H315 Eye Dam. 1;H318 STOT SE 3;H335

**Most serious harmful effects:** Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.

#### 2.2. Label elements

##### Pictograms



**Signal word:** Danger

##### Contains

**Substance:** Portland cement

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### H-phrases

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

### P-phrases

P102 Keep out of reach of children.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P284 Wear respiratory 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.

### Supplemental information

The cement is chrome reduced. Persons who are allergic to chrome should not use the ready to use mixture.

### 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.  
CONTENT KVARTS!

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.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Substance	CAS number	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
Quarts sand	14808-60-7	238-878-4	-	50 - 70%		
Aluminate cement	65997-16-2	266-045-5	-	10 - 20%		
Portland cement	65997-15-1	266-043-4	-	1 - 10%		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.

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**Burns:** Flush with water until the pain stops and continue flushing for another 30 minutes.

**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:** No known

### 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.

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### 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. 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

Keep containers tightly closed in closed original packaging. 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

Substance name	Time period	ppm	mg/m3	Comments	Remarks
Quarts sand	8h		0.1		
Aluminate cement	8h		10		
Portland cement	8h		10	Inhalable dust	
Portland cement	8h		4	Respirable dust	

**Other Information:** EH40/2005 Workplace exposure limits incl. supplement from October 2007. Contains quartz. Observe local regulations.

#### 8.2. Exposure controls

**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 exponent). 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, eye/face protection:** Use tight-fitting protective goggles. Eye protection must conform to EN 166. Provide eyewash, quick drench.

**Personal protective equipment, skin protection:** Wear appropriate clothing to prevent reasonably probable skin contact.

**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. Wear respiratory protective equipment with P2 filter when performing dusty work.

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

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**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)	10.5 - 11	
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

### 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

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Protect against moisture.

### 10.5. Incompatible materials

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No known

### 10.6. Hazardous decomposition products

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No dangerous decomposition products during appropriate storage and handling.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

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<b>Acute toxicity - oral:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Acute toxicity - dermal:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Acute toxicity - inhalation:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Skin corrosion/irritation:</b>	Causes skin irritation.
<b>Serious eye damage/eye irritation:</b>	Causes serious eye damage.
<b>Respiratory sensitisation or skin sensitisation:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Germ cell mutagenicity:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Carcinogenic properties:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Reproductive toxicity:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Single STOT exposure:</b>	May cause respiratory irritation.
<b>Repeated STOT exposure:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Aspiration hazard:</b>	Based on existing data, the classification criteria are deemed not to have been met.
<b>Other toxicological effects:</b>	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

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No known negative effects.

### 12.2. Persistence and degradability

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No information available

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### 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

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. Unhardened product must be treated as dangerous waste. Cured product may be treated as building waste.

**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

<b>14.1. UN-No.:</b>	Not applicable.	<b>14.4. Packing group:</b>	Not applicable.
<b>14.2. UN proper shipping name:</b>	Not applicable.	<b>14.5. Environmental hazards:</b>	Not applicable.
<b>14.3. Transport hazard class(es):</b>	Not applicable.		

### 14.6. Special precautions for user

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 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

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### Special Provisions:

EH40/2005 Workplace exposure limits incl. supplement from October 2007.  
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/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:  
Cement, portland, chemicals (Chromium VI reduced) [65997-15-1]. Restrictions on use: 47  
Only for use in the period when the water-soluble chromate level is below 2 mg/kg dry cement.

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 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.

### Date:

04/01/2018

### List of relevant H-statements

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

### Document language:

GB