

# SAFETY DATA SHEET

## Bostik Floor Screed 1012 Thick Flow Fiber

Last changed: 20/05/2015

Internal No: P0044

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

#### 1.1. Product identifier

**Trade name** Bostik Floor Screed 1012 Thick Flow Fiber

#### 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

##### NATIONAL MANUFACTURER/IMPORTER

**Enterprise** Bostik AB  
**Address** Strandbadsvägen 22  
**Postal code** 251 09 Helsingborg  
**Country** Sweden  
**Email** Info.se@bostik.com  
**Internet** www.bostik.se  
**Tel** +46 42 19 50 00

##### CONTACT PERSON

| Name                       | Email | Tel             | Country |
|----------------------------|-------|-----------------|---------|
| Bostik AB Miljöavdelningen |       | +46 42 19 50 00 |         |

#### 1.4. Emergency telephone number

| Emergency Phone | Type of assistance                  | Opening Hours |
|-----------------|-------------------------------------|---------------|
| +46 8 331231    | Swedish Poisons Informations Centre |               |

### SECTION 2: Hazards identification

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

**DPD Classification:** Xi; R37/38, Xi; R41  
Irritating to respiratory system and skin. .

**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



**Signal word:** Danger

##### COMPOSITION

portland cement (1 - 10 %)

##### H-phrases

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

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### 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 HAZARD INFORMATION (EU)

Tuotteen sisältämä sementti on kromivähennetty. Kromiallergiset henkilöt eivät saa työskennellä valmiiksi sekoitetun tuotteen kanssa. CONTENT KVARTSI!

### 2.3. Other hazards

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

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Ingredient name  | Reg. no. | EC No.    | CAS No.    | Conc. (wt%) | DPD-Classification         | CLP-classification                                      |
|------------------|----------|-----------|------------|-------------|----------------------------|---|
| portland cement  | -        | 266-043-4 | 65997-15-1 | 1 - 10 %    | Xi,R37/38 - R41            | Skin Irrit. 2 H315<br>Eye Dam. 1 H318<br>STOT SE 3 H335 |
| Quarts sand      | -        | 238-878-4 | 14808-60-7 | 50 - 70 %   |                            |   |
| Aluminate cement | -        | 266-045-5 | 65997-16-2 | 10 - 30 %   | No classification required |   |

Full text of R-, H- and EUH-phrases: see section 16.

The EUH hazard statements mentioned in CLP-classification are only label elements.

## 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

Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. Get medical attention immediately.

#### SKIN

Wash skin with soap and water. Remove contaminated clothing.

#### EYES

Remove any contact lenses and rinse with water for at least 15 minutes (keep the eyelids open). Get medical attention promptly if symptoms occur after washing.

#### 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.

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### 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: Firefighting 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

Carbon oxides and metal oxides are emitted in a fire.

### 5.3. Advice for firefighters

Wear respiratory protection with combination filter (dust and gas filter). Prevent discharges into the sewage system, watercourses or ground.

#### OTHER INFORMATION

Show this safety data sheet, if possible.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### PERSONAL PRECAUTIONS

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

#### METHODS AND MATERIAL

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

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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. Store in a dry area.

### 7.3. Specific end use(s)

See Product Data Sheet.

### OTHER INFORMATION

Observe local regulations.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

| Ingredient name  | CAS No.    | Range | ppm | mg/m3 | Year | Remarks |
|------------------|------------|-------|-----|-------|------|---------|
| portland cement  | 65997-15-1 | 8 h   |     | 10    | 2000 |         |
| Quarts sand      | 14808-60-7 | 8 h   |     | 0,1   | 2000 |         |
| Aluminate cement | 65997-16-2 | 8 h   |     | 10    | 2000 |         |

R=Toxic for reproduction, H=Skin absorption, K=Carcinogenic, A=Sensitising, T=Upper limit, M=Mutagenic

### MONITORING PROCEDURES

Contains substances for which hygienic threshold values are stipulated.

### OTHER INFORMATION REGARDING LIMIT VALUES AND MONITORING

Observe local regulations.

### 8.2. Exposure controls

#### EXPOSURE SCENARIOS

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.

#### INFORMATION FROM SUPPLIER

Workplace and work methods are designed to prevent direct contact.

#### APPROPRIATE ENGINEERING CONTROLS

Good working hygiene must always be observed when handling product. Technical measures: Ensure adequate general ventilation standards. use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

#### EYE PROTECTION

Use tight-fitting protective goggles.

#### SKIN PROTECTION

Wear appropriate clothing to prevent reasonably probable skin contact.

#### HAND PROTECTION

Use suitable protective gloves made of nitrile rubber. Gloves must conform to EN 374.

#### RESPIRATORY PROTECTION

Wear respirator if there is dust formation.

#### OTHER INFORMATION

Pay attention to warning labels on the container.

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### LIMITATION OF ENVIRONMENTAL EXPOSURE

Prevent discharge into the sewage system, due to the risk of blockage.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                            |                      |
|----------------------------|----------------------|
| <b>STATE</b>               | Powder.              |
| <b>COLOUR</b>              | Grey                 |
| <b>ODOUR</b>               | No Smell             |
| <b>SOLUBILITY IN WATER</b> | Miscible with water. |

| Parameter                               | Value/unit | Method/reference | Observation |
|---|------------|------------------|-------------|
| pH (concentrate)                        | No data    |                  |             |
| pH (solution for use)                   | 11,5       |                  |             |
| 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                   | No data    |                  |             |
| Auto-ignition temperature               | No data    |                  |             |
| Decomposition temperature               | No data    |                  |             |
| Viscosity                               | No data    |                  |             |

### 9.2. Other information

| Parameter | Value/unit            | Method/reference | Observation |
|-----------|-----------------------|------------------|-------------|
| Density   | 1,6 g/cm <sup>3</sup> |                  |             |

| Note no. | Comments |
|----------|----------|
|----------|----------|

## 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

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### 10.6. Hazardous decomposition products

No known

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

May cause chemical burns in mouth and throat.

#### Acute toxicity - dermal

May cause smarting, redness and eczema. Use of the product after the expiration of the stated shelf-life may increase the risk of chromium induced eczema.

#### Acute toxicity - inhalation

Irritating to respiratory system. Inhalation of dust in high contents may irritate the mucous membranes of the respiratory organs. Observe local regulations.

#### Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/eye irritation

Causes serious eye damage.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### ACUTE AQUATIC TEST RESULTS

No known negative effects.

#### ECOTOXICITY

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

### 12.6. Other adverse effects

No known negative effects.

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### OTHER INFORMATION

Prevent discharges into the sewage system, watercourses or ground.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### GENERAL REGULATIONS

Unhardened product must be treated as dangerous waste. Cured product may be treated as building waste. When handling larger volumes consult local authorities and local waste disposal organisation.

##### CATEGORY OF WASTE

EWC code 101311

### SECTION 14: Transport information

Classified as Dangerous Goods: No

#### Land transport (ADR/RID)

|                                  |                |                             |                |
|----------------------------------|----------------|-----------------------------|----------------|
| 14.1. UN number                  | 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 |                             |                |
| Hazard label(s)                  | Not applicable |                             |                |
| Hazard identification number     | Not applicable | Tunnel restriction code     | Not applicable |

#### Inland water ways transport (ADN)

|                                      |                |                             |                |
|--------------------------------------|----------------|-----------------------------|----------------|
| 14.1. UN number                      | 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 |                             |                |
| Hazard label(s)                      | Not applicable |                             |                |
| Environmental hazard in tank vessels | Not applicable |                             |                |

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| Sea transport (IMDG)                  |                |                             |                |
|---------------------------------------|----------------|-----------------------------|----------------|
| 14.1. UN number                       | 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 |                             |                |
| Hazard label(s)                       | Not applicable |                             |                |
| Sub Risk:                             | Not applicable |                             |                |
| IMDG Code segregation group           | Not applicable |                             |                |
| Marine pollutant                      | Not applicable |                             |                |
| Substance name(s) on marine pollutant | Not applicable |                             |                |
| EMS:                                  | Not applicable |                             |                |

| Air transport (ICAO-TI / IATA-DGR) |                |                     |                |
|------------------------------------|----------------|---------------------|----------------|
| 14.1. UN number                    | Not applicable | 14.4. Packing group | Not applicable |
| 14.2. UN proper shipping name      | Not applicable |                     |                |
| 14.3. Transport hazard class(es)   | Not applicable |                     |                |
| Hazard label(s)                    | Not applicable |                     |                |

### SECTION 15: Regulatory information

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

##### OTHER REGULATORY INFORMATION

Observe local regulations.

##### PROVISIONS

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

#### 15.2. Chemical safety assessment

##### OTHER INFORMATION

Not established.

### SECTION 16: Other information

ISSUED: 20/05/2015

#### VENDOR NOTES

The information on this Safety Data Sheet is based on our present knowledge and applicable EU and national laws. The product should not be used for other purposes than as specified in paragraph 1, without a prior written instruction from the supplier. It is always the full responsibility of the user to follow the requirements according to the law. The information on the Safety Data Sheet is intended to describe the security requirements of the product and is not a guarantee for the product quality.



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### LIST OF RELEVANT R-PHRASES

|        |  |
|--------|--|
| R37/38 | Irritating to respiratory system and skin. |
| R41    | Risk of serious damage to eyes.            |

### LIST OF RELEVANT H-STATEMENTS

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

### USER NOTES

Version 2