Safety Data Sheet

Bostik Fix Universal Flex

Replaces date: 16/08/2016 Revision date: 31/07/2017

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

1.1. Product identifier

Trade name: Bostik Fix Universal Flex

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

Recommended uses: Cement based tile adhesive.

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

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

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

Substance	CAS number	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
Quarts sand	14808-60-7	238-878-4	-	40 - 60%		
Portland cement	65997-15-1	266-043-4	-	30 - 50%		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: Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. Get medical attention immediately.

Skin contact: Remove contaminated clothing. Wash skin with soap and water. Get medical attention if any discomfort continues.

Eye contact: 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.

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

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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

Carbon oxides and metal oxides are emitted in a fire.

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

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

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

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		

Measuring methods: Contains substances for which hygienic threshold values are stipulated.

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.

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.

Personal protective equipment, eye/face protection: Use tight-fitting protective goggles.
Eye protection must conform to EN 166.

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

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.

Other Information: Pay attention to warning labels on the container. Information from supplier: Workplace and work methods are designed to prevent direct contact. Observe hygiene limits.

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

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Parameter	Value/unit	Remarks
pH (solution for use)	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-octonol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

9.2 Other information

Parameter	Value/unit	Remarks
Density	~1.5 g/cm³	

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 known

SECTION 11: Toxicological information

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11.1. Information on toxicological effects

Acute toxicity - oral:	May cause chemical burns in mouth and throat.
Acute toxicity - dermal:	Based on existing data, the classification criteria are deemed not to have been met.
Acute toxicity - inhalation:	Irritating to respiratory system. Inhalation of dust in high contents may irritate the mucous membranes of the respiratory organs. Contains quartz. Observe local regulations.
Skin corrosion/irritation:	Causes skin irritation. May cause smarting, redness and eczema. Use of the product after the expiration of the stated shelf-life may increse the risk of chromium induced eczema.
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:	Test data are not available.
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.

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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. Cured product may be treated as building 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.	**14.4. 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

Protect against moisture.

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:

Safety, health and environmental regulations / legislation specific for the substance or mixture. EU Regulation (EC) No 1907/2006 (REACH).
EH40/2005 Workplace exposure limits incl. supplement from October 2007.
Contains quartz. Observe local regulations.

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

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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: 31/07/2017

List of relevant H-statements

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

Document language: GB

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