

Safety Data Sheet

Bostik 1025 Superflow

Replaces date: 21/09/2017

Revision date: 29/09/2020

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

1.1. Product identifier

Trade name: Bostik 1025 Superflow

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: 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

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.

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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

Contains quartz!

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.

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.

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 -< 60%		
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. Drink a few glasses of water. Never give anything by mouth to an unconscious person.
Skin contact:	Wash skin with soap and water. Remove contaminated clothing. 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. Irritating to respiratory system and skin.

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

Treat symptoms.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

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

Unsuitable extinguishing media: Do not use a direct water jet that could spread the fire.

5.2. Special hazards arising from the substance or mixture

Carbon monoxide and carbon dioxide.

5.3. Advice for fire-fighters

Use a respirator and other protective equipment. Prevent discharges into the sewage system, watercourses or ground.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Avoid dust formation. Use suitable protective clothes, protective gloves and protective goggles.

For emergency responders: Use a respirator and other protective equipment.

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

Cover the material to prevent spreading. Collect with vacuum cleaner or carefully sweep together and collect. Collect in containers and seal securely.

6.4. Reference to other sections

See Section 8 for personal protective equipment and section 13 for waste disposal.

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid dust formation. All work must be carried out under well-ventilated conditions. Wash hands before breaks, before using restroom facilities, and at the end of work. Do not eat, drink or smoke during work.

7.2. Conditions for safe storage, including any incompatibilities

Store in a dry area. Keep containers tightly closed. Use of the product after the expiration of the stated shelf-life may increase the risk of chromium induced eczema.

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

Appropriate engineering controls: Provide adequate ventilation.

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

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

Personal protective equipment, hand protection: Wear suitable gloves. Gloves must conform to standard EN 374. Recommended Use: Neoprene™. Nitrile rubber. Butyl rubber. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The breakthrough time for the mentioned glove material is in general greater than 480 min. Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Personal protective equipment, respiratory protection: In case of insufficient ventilation, wear respiratory protective equipment. Respiratory protection must conform to one of the following standards: EN 140. 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. 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	
Odour threshold	No data	

9.2 Other information

SECTION 10: Stability and reactivity

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10.1. Reactivity

Reacts exothermically with water.

10.2. Chemical stability

Stable under recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions with proper storage and handling.

10.4. Conditions to avoid

Protect against moisture.

10.5. Incompatible materials

Strong acids/ Strong alkalis/ Strong oxidisers.

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

Quarts sand, cas-no 14808-60-7

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 2000mg/kg			

Acute toxicity - dermal

Portland cement, cas-no 65997-15-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		> 2000mg/kg			

Acute toxicity - inhalation

Portland cement, cas-no 65997-15-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50		> 5g/m ³			

Skin corrosion/irritation: Causes skin 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: May cause respiratory irritation.

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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.
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

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

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 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:

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.

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

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

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

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.

The product is comprised by Regulation 1907/2006/EC, Annex XVII concerning restrictions. 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.

Authorisations / limitations:

Contains quartz. Observe local regulations.

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

Vendor notes:

Version 4.

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:

29/09/2020

List of relevant H-statements

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

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