

Safety Data Sheet

Bostik 1070 GYPSUM S21

Replaces date: 20/05/2015

Revision date: 18/12/2019

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

1.1. Product identifier

Trade name: Bostik 1070 GYPSUM S21

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

Most serious harmful effects: Causes skin irritation. Causes serious eye damage.

2.2. Label elements

Pictograms



Signal word: Danger

Contains

Substance: Portland cement

H-phrases

H315 Causes skin irritation.

H318 Causes serious eye damage.

P-phrases

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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.

2.3. Other hazards

The components in this product do not meet the criteria for classification as PBT or vPvB.

The Portland cement is chrome reduced. This means that the content of water soluble chromium (VI) is less than 2 ppm. If the product is stored incorrectly or if the storage period is exceeded, the effect of the chromate reduction may wear off and the cement may cause an allergic skin reaction (H317).

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
Portland cement	65997-15-1	266-043-4	-	1 -< 5%		Skin Irrit. 2;H315 Eye Dam. 1;H318 STOT SE 3;H335

Please see section 16 for the full text of H-phrases.

Ingredient comments: This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

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:	Rinse mouth thoroughly with water and give large amounts of water to people not unconscious. Contact physician. Do not induce vomiting.
Skin contact:	Wash skin with soap and water. Remove contaminated clothing.
Eye contact:	Rinse immediately with plenty of water. Remove any contact lenses and rinse with water for at least 15 minutes (keep the eyelids open). Contact physician.
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.

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

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

Use a fresh air breathing apparatus. 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

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

Work processes where generation of dust may occur must be performed under effective process ventilation (e.g. local exhaust ventilation). Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

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.

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.
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.
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. 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:	Wear respirator if there is dust formation.
Environmental exposure controls:	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

Parameter	Value/unit	
State	Powder.	
Colour	White	
Odour	Characteristic.	
Solubility	No data	
Explosive properties	No data	
Oxidising properties	No data	

Parameter	Value/unit	Remarks
pH (solution for use)	11 - 133	(20°C) (as aqueous solution)
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	

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9.2 Other information

Parameter	Value/unit	Remarks
Density	1.35 g/cm ³	

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

Under normal conditions of storage and use, hazardous reactions will not.

10.4. Conditions to avoid

Protect against moisture.

10.5. Incompatible materials

Strong alkalis/ Strong acids.

10.6. Hazardous decomposition products

No known

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral: No information available

Acute toxicity - dermal: No information available

Acute toxicity - inhalation: No information available

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: 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

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

12.2. Persistence and degradability

No information available

12.3. Bioaccumulative potential

Bioaccumulation improbable.

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.

Category of waste: 16 03 03* inorganic wastes containing hazardous substances
15 01 10* packaging containing residues of or contaminated by hazardous substances

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

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

Not applicable.

SECTION 15: Regulatory information

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

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Special Provisions:

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.

Cement, portland, chemicals (Chromium VI reduced) [65997-15-1]. Restrictions on use: 47
EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction:

EU-REACH (1907/2006) - Annex XIV - List of substances subject to authorisation: None of the components are listed.

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

Authorisations / limitations:

Observe local regulations.

Contains quartz. Observe local regulations.

15.2. Chemical Safety Assessment

Other Information:

Not established.

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:

18/12/2019

List of relevant H-statements

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

Document language:

GB