

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 24.05.2010

Revision: 02.09.2009

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

Product details
Trade name weber.floor 4675 MarineFlow Rapid
Safety data sheet no.: 46P2574

Application of the substance / the preparation Floor screed - fast cement

Manufacturer/Supplier:

Company: Saint-Gobain Byggprodukter AB

Adress: Box 707

Postnr: 169 27 Solna

country: Sweden

Telefon: +46-(0)8-625 61 00

Fax: +46-(0)8-625 61 80

email: msds@weber.se

Information in case of emergency: Dial +46 112, and ask for Poison Information

2 Hazards identification

Hazard description:


Xi Irritant

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 36 Irritating to eyes.

Product has a strong alkaline reaction with water; therefore protect skin and eyes from corrosive properties.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

GHS label elements

Danger

H318 - Causes serious eye damage.


Warning

H317 - May cause an allergic skin reaction.

Prevention:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

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P321 Specific treatment (see on this label).

Disposal:

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/information on ingredients

Chemical characterization

Description: Ready-mixed mortar with high alumina cement.

Dangerous components:

CAS: 65997-15-1	cement portland, grey	☒ Xi; R 37/38-41-43	2 - 5%
EINECS: 266-043-4		Danger: ☒ 3.3/1	
		Warning: ☒ 3.4.S/1, 3.8/3; 3.2/2	

Additional information

The preparation is "low chromate" according to 2003/53/EEC up to the best-before date, so that the identification with R 43 is not applicable, when the packing was not opened in the meantime.

For the wording of the listed risk phrases refer to section 16.

4 First aid measures

General information

Immediately remove any clothing soiled by the product.

Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.

After inhalation Supply fresh air; consult doctor in case of complaints.

After skin contact Immediately wash with water and soap and rinse thoroughly.

After eye contact

Rinse opened eye for several minutes under running water. Rinse liquid should be tempered (20-30°C).

After swallowing

Rinse out mouth with water. Do not induce vomiting. Seek medical attention and present this data sheet.

5 Fire fighting measures

Suitable extinguishing agents

Use fire extinguishing methods suitable to surrounding conditions.

Protective equipment: Use methods suitable to surrounding conditions.

6 Accidental release measures

Person-related safety precautions: Avoid formation of dust.

Measures for environmental protection:

Do not allow product to reach sewage system or any water course.

Measures for cleaning/collecting: Pick up mechanically.

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7 Handling and storage

Handling**Information for safe handling:**

Prevent formation of dust.

Provide suction extractors if dust is formed.

Information about fire - and explosion protection:

No special measures required.

The product is not flammable

Storage**Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:** Store in dry conditions.

8 Exposure controls and personal protection

Additional information about design of technical facilities: No further data; see item 7.**Ingredients with limit values that require monitoring at the workplace:**

CAS No.	Designation of material	%	Type	Value	Unit
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Additional Occupational Exposure Limit Values for possible hazards during processing:total inhalable dust: 10 mg/m³alveolar dust (< 5 µm): 4 mg/m³**Additional information:**

Te applicable TRGS 900 (MAK list) was used as the basis for the preparation and/or revision of this safety data sheet.

Personal protective equipment:**General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Use a moisturising skin cream after processing the product.

Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation.

Short term filter device:

Filter P3.

Protection of hands:

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves

PVC gloves

Neoprene gloves

For the permanent contact gloves made of the following materials are suitable: Rubber gloves**Eye protection:** Tightly sealed goggles

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Body protection: Protective work clothing.

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9 Physical and chemical properties:

General Information

Form:	Powder
Colour:	Different according to colouring
	Grey
Odour:	Characteristic

Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

Flash point: Not applicable

Self-igniting: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

Density: Not determined

Bulk density at 20°C (68°F): 1700 kg/m³

Solubility in / Miscibility with

Water: miscible

pH-value at 20°C (68°F): 11,5 (blandad med vatten)
 In water

Viscosity:

dynamic: Not determined.
kinematic: Not determined.

Solvent separation test: Not determined

Solvent content:

Organic solvents: 0,0 %

Additional information: None.

10 Stability and reactivity

Thermal decomposition / Conditions to be avoided:

No decomposition if used according to specifications.

Dangerous reactions: Reacts with light alloys in the presence of moisture to form hydrogen

Dangerous decomposition products: No dangerous decomposition products known.

11 Toxicological information

Acute toxicity:

Primary irritant effect:

on the skin: Skin irritation possible due to drying effect.

on the eye: Irritating effect.

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Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
Irritant

12 Ecological information:

Information about elimination (persistence and degradability):
Other information: The product is difficultly biodegradable.

Ecotoxicological effects:
Remark:

The product contains substances which cause a local pH change and thus have a detrimental effect on fish and bacteria.

General notes:

Do not allow product to reach ground water, water course or sewage system.

13 Disposal considerations

Product:
Recommendation

Product hardens after adding water after 5 to 6 hours and can then be disposed of as building rubbish.
Possible waste code 17 09 04.

European waste catalogue

Possible waste code. The concrete waste code depends of the source of the waste.

10 13 14	waste concrete and concrete sludge
17 01 01	concrete

Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.

Recommended cleaning agent: Thoroughly shake out sacks.

14 Transport information

Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)
ADR/RID-GGVS/E Class: -

Maritime transport IMDG/GGVSea:
IMDG/GGVSea Class: -

Air transport ICAO-TI and IATA-DGR:
ICAO/IATA Class: -

UN "Model Regulation": -

Transport/Additional information: Not dangerous according to the above specifications.

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15 Regulatory information

Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
Observe the general safety regulations when handling chemicals.

Code letter and hazard designation of product:

Xi Irritant

Hazard-determining components of labelling:

cement portland, grey
Siliciumdioxide (Quartzsand)

Risk phrases:

36 Irritating to eyes.

Safety phrases:

2 Keep out of the reach of children.
22 Do not breathe dust.
24/25 Avoid contact with skin and eyes.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
46 If swallowed, seek medical advice immediately and show this container or label.

Special labelling of certain preparations:

Product has a strong alkaline reaction with water; therefore protect skin and eyes from corrosive properties.

16 Other information:

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant R-phrases

37/38 Irritating to respiratory system and skin.
41 Risk of serious damage to eyes.
43 May cause sensitisation by skin contact.

Department issuing MSDS: R&D department**Contact:** tel +46 (0) 8 625 61 07**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

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GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CAS: Chemical Abstracts Service (division of the American Chemical Society)

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*** Data compared to the previous version altered.**

EU