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

Product identifier
Trade name weber.floor 4660 Marine Elastic
Safety data sheet no.: 46P2571w

Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.

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

Details of the supplier of the safety data sheet
Manufacturer/Supplier:
Company: Saint-Gobain Byggprodukter AB
Adress: Box 415
Postnr: 191 24 Sollentuna
country: Sweden
Telefon: +46-(0)8-625 61 00
Fax: +46-(0)8-625 61 80
email: msds@weber.se

Emergency telephone number: Dial +46 112, and ask for Poison Information

2 Hazards identification

Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008

GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.

GHS07

Acute Tox. 4 H302 Harmful if swallowed.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Xi; Irritant

R36: Irritating to eyes.

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.

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

Label elements

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
Trade name weber.floor 4660 Marine Elastic

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.
50 Do not mix with acids.

Special labelling of certain preparations:
Product has a strong alkaline reaction with water; therefore protect skin and eyes from corrosive properties.

Additional information: Void

Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

3 Composition/information on ingredients

Chemical characterization: Mixtures
Description: Ready-mixed mortar with high alumina cement.

Dangerous components:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS: 65997-15-1</th>
<th>EINECS: 266-043-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Binding material</td>
<td>R32-66</td>
<td></td>
</tr>
<tr>
<td>cement portland, grey</td>
<td>Xi R37/38-41</td>
<td>X Xi R43</td>
</tr>
<tr>
<td>Eye Dam. 1; H318; Skin Irrit. 2; H315; Skin Sens. 1; H317; STOT SE 3, H335</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Additional information
The preparation is "low chromate" according to 2006/1907/EEC up to the best-before date, so that the identification with R 43 (H317 + EUH203) 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

Description of 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.
If skin irritation continues, consult a doctor.
Trade name weber.floor 4660 Marine Elastic

After eye contact
Rinse opened eye for several minutes under running water. Then consult doctor. 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.

Information for doctor
Most important symptoms and effects, both acute and delayed
No further relevant information available.

Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5 Firefighting measures

Extinguishing media
Suitable extinguishing agents
Use fire extinguishing methods suitable to surrounding conditions.

Special hazards arising from the substance or mixture
No further relevant information available.

Advice for firefighters
Protective equipment: Use methods suitable to surrounding conditions.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures
Avoid formation of dust.

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

Methods and material for containment and cleaning up: Pick up mechanically.

Reference to other sections See Section 13 for disposal information.

7 Handling and storage

Handling
Precautions for safe handling
Prevent formation of dust.
Provide suction extractors if dust is formed.

Information about fire - and explosion protection: No special measures required.

Conditions for safe storage, including any incompatibilities
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.
Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

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

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Designation of material</th>
<th>%</th>
<th>Type</th>
<th>Value Unit</th>
</tr>
</thead>
</table>

Additional Occupational Exposure Limit Values for possible hazards during processing:
- total inhalable dust: 10 mg/m³
- alveolar dust (< 5 μm): 4 mg/m³

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

Exposure controls
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/substance/preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves
- PVC gloves
- Neoprene gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

For the permanent contact gloves made of the following materials are suitable:
- Rubber gloves

Eye protection: Safety glasses.

Body protection: Protective work clothing.

9 Physical and chemical properties

<table>
<thead>
<tr>
<th>Information on basic physical and chemical properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Information</td>
</tr>
<tr>
<td>Appearance:</td>
</tr>
<tr>
<td>Form: Powder</td>
</tr>
<tr>
<td>Colour: Grey</td>
</tr>
<tr>
<td>Odour: Characteristic</td>
</tr>
<tr>
<td>Odour threshold: Not determined.</td>
</tr>
<tr>
<td>pH-value at 20 °C (68 °F):</td>
</tr>
<tr>
<td>11.5</td>
</tr>
<tr>
<td>In water</td>
</tr>
<tr>
<td>Change in condition</td>
</tr>
<tr>
<td>Melting point/Melting range:</td>
</tr>
<tr>
<td>Undetermined.</td>
</tr>
</tbody>
</table>
Boiling point/Boiling range: Undetermined.
Flash point: Not applicable
Ignition temperature: Not determined.
Decomposition temperature: Not determined.
Self-igniting: Product is not self-igniting.
Danger of explosion: Product does not present an explosion hazard.
Explosion limits: Lower: Not determined.
Upper: Not determined.
Oxidizing properties: Not determined.
Vapour pressure: Not determined.
Density: Not determined
Bulk density at 20 °C (68 °F): 1700 kg/m³
Vapour density: Not determined.
Evaporation rate: Not determined.
Solubility in / Miscibility with Water: miscible
Segregation coefficient (n-octanol/water) log Pow: Not determined.
Viscosity:
dynamic: Not determined.
kinematic: Not determined.
Solvent separation test: Not determined
Solvent content:
Organic solvents: 0,0 %
EU-VOC: 0,00 %
Other information: None.

10 Stability and reactivity
Reactivity
Chemical stability
Thermal decomposition / Conditions to be avoided:
No decomposition if used according to specifications.
Possibility of hazardous reactions
Reacts with light alloys in the presence of moisture to form hydrogen
Conditions to avoid: No further relevant information available.
Incompatible materials: No further relevant information available.
Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information
Information on toxicological effects
Acute toxicity:
Primary irritant effect:
on the skin: Irritant to skin and mucous membranes.
on the eye: Irritating effect.

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

Toxicity
Aquatic toxicity: No further relevant information available.
Persistence and degradability No further relevant information available.
Other information: The product is difficultly biodegradable.

Behaviour in environmental systems:
Bioaccumulative potential No further relevant information available.
Mobility in soil No further relevant information available.

Ecotoxicological effects:
Remark:
The product contains substances which cause a local pH change and thus have a detrimental effect on fish and bacteria.
Additional ecological information:

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

Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.
Other adverse effects No further relevant information available.

13 Disposal considerations

Waste treatment methods
European waste catalogue
Possible waste code. The concrete waste code depends of the source of the waste.

Uncleaned packaging:
Recommendation:
Disposal must be made according to official regulations.
Dispose of packaging according to regulations on the disposal of packagings.

14 Transport information

UN-Number
ADR, ADN, IMDG, IATA Void

UN proper shipping name
ADR, ADN, IMDG, IATA Void

Transport hazard class(es)
ADR, ADN, IMDG, IATA Void
Trade name weber.floor 4660 Marine Elastic

<table>
<thead>
<tr>
<th>Packing group</th>
<th>Void</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental hazards:</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Transport/Additional information:</td>
<td>Not dangerous according to the above specifications.</td>
</tr>
<tr>
<td>UN &quot;Model Regulation&quot;:</td>
<td>-</td>
</tr>
</tbody>
</table>

15 Regulatory information

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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 phrases
- H315 Causes serious skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H335 May cause respiratory irritation.
- R32 Contact with acids liberates very toxic gas.
- R37/38 Irritating to respiratory system and skin.
- R41 Risk of serious damage to eyes.
- R43 May cause sensitisation by skin contact.
- R66 Repeated exposure may cause skin dryness or cracking.

Department issuing MSDS: R&D department
Contact:
Laboratory Technician – Product safety Phone +46 141 49228

Abbreviations and acronyms:
- RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- CAS: Chemical Abstracts Service (division of the American Chemical Society)