

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 18.08.2023

Version number 2 (replaces version 1)

Revision: 16.12.2022

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name weberfloor 4690N marine combi

Safety data sheet no.: XXP013570

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

No further relevant information available.

**Application of the substance / the mixture** Ready-to-use mortar

#### 1.3 Details of the supplier of the safety data sheet

##### Manufacturer/Supplier:

Saint-Gobain Byggevarer as

Sandstuveien 68

Postboks 6211 Etterstad

0603 Oslo

Norway

Phone: +47 41 63 50 46

teknisk@weber-norge.no

#### 1.4 Emergency telephone number:

GIFTINFORMASJONSSENTRALEN (Norwegian Poison Information Centre): +47 22 59 13 0

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the CLP regulation.

#### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008** Void

**Hazard pictograms** Void

**Signal word** Void

**Hazard statements** Void

#### 2.3 Other hazards

Product mixed with water gives a pH between 10.5 and 11.5.

The product contains silica sand with less than 1% of fine fraction and therefore is not classified as hazardous; however, pay attention when handling and follow the indications relating to personal protective equipment.

#### Results of PBT and vPvB assessment

**PBT:** Does not contain PBT substances.

**vPvB:** Does not contain vPvB substances.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

**Description:** Mixture of substances listed below with non hazardous additions.

##### Dangerous components:

CAS: 14808-60-7 EINECS: 238-878-4	Silicon dioxide (Quartz sand) substance with a Community workplace exposure limit	25-50%
CAS: 7778-18-9 EINECS: 231-900-3 Reg.nr.: 01-2119444918-26-xxxx	calcium sulphate, different hydrate levels CaSO <sub>4</sub> x n H <sub>2</sub> O (n = 0; 1/2; 2) substance with a Community workplace exposure limit	10-20%

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SVHC Void

**Additional information** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

#### 4.1 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 rinse with water.

##### After eye contact

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

##### After swallowing

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

#### 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

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

No further relevant information available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing agents

The product is not combustible.

Use fire extinguishing methods suitable to surrounding conditions.

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

##### 5.3 Advice for firefighters

**Protective equipment:** Use methods suitable to surrounding conditions.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid formation of dust.

Ensure adequate ventilation.

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

##### 6.3 Methods and material for containment and cleaning up:

The dry powder and the fresh product is removed with water. The hardened product is removed mechanically.

##### 6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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### SECTION 7: Handling and storage

#### 7.1 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.

#### 7.2 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:** Store away from foodstuffs.

##### Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Protect from humidity and water.

**7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

**Ingredients with limit values that require monitoring at the workplace:**

##### DNELs

##### CAS: 65997-16-2 Cement, alumina, chemicals

Inhalative	Derived No Effect Level	2.5 mg/m <sup>3</sup> (worker systemic long term value) 5 mg/m <sup>3</sup> (worker systemic short term value)
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##### CAS: 7778-18-9 calcium sulphate, different hydrate levels CaSO<sub>4</sub> x n H<sub>2</sub>O (n = 0; 1/2; 2)

Oral	Derived No Effect Level	1.52 mg/kgxday (consumer systemic long term value) 11.4 mg/kgxday (consumer systemic short term value)
Inhalative	Derived No Effect Level	21.17 mg/m <sup>3</sup> (worker systemic long term value) 5,082 mg/m <sup>3</sup> (worker systemic short term value) 5.29 mg/m <sup>3</sup> (consumer systemic long term value) 3,811 mg/m <sup>3</sup> (consumer systemic short term value)

##### CAS No. / Designation of material / % / Type / Value / Unit

##### CAS: 14808-60-7 Silicon dioxide (Quartz sand)

BOELV (European Union)	Long-term value: 0.1* mg/m <sup>3</sup> *respirable fraction
MAK (Germany)	Long-term value: 0.05 mg/m <sup>3</sup> alveolengängige Fraktion
GV (Denmark)	Short-term value: 0.6* 0.2** mg/m <sup>3</sup> Long-term value: 0.3* 0.1** mg/m <sup>3</sup> *total; **total, respirabel: K
LEP (Spain)	Long-term value: 0.05 mg/m <sup>3</sup> *Fracción resp:n,d,y
TWA (Italy)	Long-term value: 0.025 mg/m <sup>3</sup> A2, (j)

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VLE (Portugal)	Long-term value: 0.05 mg/m <sup>3</sup> Resp.;A2; fibrose pulmonar; cancro do pulmão
OEL (Sweden)	Long-term value: 0.1 mg/m <sup>3</sup> C, M, respirabel fraktion
HTP (Finland)	Long-term value: 0.05 0.1* mg/m <sup>3</sup> alveolijae;*sitovat raja-arvot, pöly
<b>CAS: 7778-18-9 calcium sulphate, different hydrate levels CaSO<sub>4</sub> x n H<sub>2</sub>O (n = 0; 1/2; 2)</b>	
AGW (Germany)	Long-term value: 6 A mg/m <sup>3</sup> DFG
LEP (Spain)	Long-term value: 10 mg/m <sup>3</sup> e
TWA (Italy)	Long-term value: 10 mg/m <sup>3</sup> (i)
VLE (Portugal)	Long-term value: 10 mg/m <sup>3</sup> Fração inalável; Sintomas nasais

**Additional Occupational Exposure Limit Values for possible hazards during processing:**

Total inhalable dust: 10 mg/m<sup>3</sup>Respirable dust (< 5 µm): 4 mg/m<sup>3</sup>Quartz respirable dust (< 5 µm) : 0,15 mg/m<sup>3</sup>

**Additional information:**

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

**8.2 Exposure controls**

**Appropriate engineering controls** No further data; see section 7.

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Provide adequate general ventilation and local process ventilation. Use local exhaust ventilation if necessary.

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.

Filter P3.

**Hand protection**

Protective gloves.

The hands must be cleaned from the powder before putting on the gloves.

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

**Material of gloves**

Nitrile impregnated cotton gloves complying with the standard EN 374-1.

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 mixture 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.

**Penetration time of glove material**

The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

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**Eye/face protection** Tightly sealed goggles  
**Body protection:** Protective work clothing.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

##### General Information

<b>Colour:</b>	According to product specification
<b>Odour:</b>	Uncharacteristic.
<b>Odour threshold:</b>	Not determined.
<b>Melting point/freezing point:</b>	Undetermined.
<b>Boiling point or initial boiling point and boiling range</b>	Not applicable
<b>Flammability</b>	Product is not flammable.
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not applicable
<b>Upper:</b>	Not applicable
<b>Flash point:</b>	Not applicable
<b>Auto-ignition temperature:</b>	Not determined.
<b>Decomposition temperature:</b>	Not determined.
<b>pH</b>	Alkaline
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not applicable.
<b>dynamic:</b>	Not applicable.
<b>Solubility</b>	
<b>Water:</b>	Hardens when in contact with water.
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure:</b>	Not applicable.
<b>Density and/or relative density</b>	
<b>Density:</b>	Not determined
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not applicable.
<b>Particle characteristics</b>	
See section 3.	

#### 9.2 Other information

<b>Appearance:</b>	None.
<b>Form:</b>	Powder
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Ignition temperature:</b>	Product is not self-igniting.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>EU-VOC (%)</b>	0.0000 %
<b>EU-VOC (g/L)</b>	0.0000 g/l
<b>Change in condition</b>	
<b>Softening point/range</b>	
<b>Oxidising properties</b>	Not determined.
<b>Evaporation rate</b>	Not applicable.

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**Information with regard to physical hazard**

**classes**

<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Void
<b>Desensitised explosives</b>	Void

**SECTION 10: Stability and reactivity**

**10.1 Reactivity** No further relevant information available.

**10.2 Chemical stability** Stable at recommended storage conditions

**Thermal decomposition / Conditions to be avoided:**

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions**

Reacts with acids

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

**10.4 Conditions to avoid**

Avoid water ingress/moisture during storage (the product will react with moisture and harden).

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

**SECTION 11: Toxicological information**

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity** Based on available data, the classification criteria are not met.

**LD/LC50 values relevant for classification:**

Components	Type	Value	Species
<b>CAS: 65997-16-2 Cement, alumina, chemicals</b>			
Oral	LD50	>2,000 mg/kg	(Rat)
Dermal	LD50	>2,000 mg/kg	(Rat)
<b>CAS: 7778-18-9 calcium sulphate, different hydrate levels CaSO4 x n H2O (n = 0; 1/2; 2)</b>			
Oral	LD50	>2,000 mg/kg	(Rat)

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**Skin corrosion/irritation** Based on available data, the classification criteria are not met.  
**Serious eye damage/irritation** Based on available data, the classification criteria are not met.  
**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.  
**Germ cell mutagenicity** Based on available data, the classification criteria are not met.  
**Carcinogenicity** Based on available data, the classification criteria are not met.  
**Reproductive toxicity** Based on available data, the classification criteria are not met.  
**STOT-single exposure** Based on available data, the classification criteria are not met.  
**STOT-repeated exposure** Based on available data, the classification criteria are not met.  
**Aspiration hazard** Based on available data, the classification criteria are not met.

**11.2 Information on other hazards**

**Endocrine disrupting properties**

None of the ingredients is listed.

### SECTION 12: Ecological information

**12.1 Toxicity**

**Aquatic toxicity:** Not classified as harmful to aquatic life

Type of test / Effective concentration / Method / Assessment
<b>CAS: 65997-16-2 Cement, alumina, chemicals</b>
LC50/96h   100 mg/l (Fish)
EC50/48h   5.4 mg/l (Daphnia magna)
EC50/72h   3.6 mg/l (Algae)
<b>CAS: 7778-18-9 calcium sulphate, different hydrate levels CaSO<sub>4</sub> x n H<sub>2</sub>O (n = 0; 1/2; 2)</b>
LC50/48h   79-1,970 mg/l (Daphnia magna)
LC50/96h   79-2,980 mg/l (Fish)
EC50/72h   >79 mg/l (Selenastrum capricornutum (Green algae))

**12.2 Persistence and degradability** No further relevant information available.

**12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Does not contain PBT substances.

**vPvB:** Does not contain vPvB substances.

**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**12.7 Other adverse effects**

**Remark:**

The product contains substances which causes severe clouding in water

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

**Behaviour in sewage processing plants:**

Type of test / Effective concentration / Method / Assessment
<b>CAS: 65997-16-2 Cement, alumina, chemicals</b>
EC 50 (3h)   1,000 mg/l (Activated sludge)
<b>CAS: 7778-18-9 calcium sulphate, different hydrate levels CaSO<sub>4</sub> x n H<sub>2</sub>O (n = 0; 1/2; 2)</b>
EC 50 (3h)   >1,000 mg/l (Activated sludge)

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**Additional ecological information:**

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

### SECTION 13: Disposal considerations

**13.1 Waste treatment methods**

**Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**European waste catalogue**

10 13 11	wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
10 13 14	waste concrete and concrete sludge

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

**Recommended cleaning agent:** Thoroughly shake out sacks.

### SECTION 14: Transport information

<b>14.1 UN number or ID number</b> ADR, ADN, IMDG, IATA	Void
<b>14.2 UN proper shipping name</b> ADR, ADN, IMDG, IATA	Void
<b>14.3 Transport hazard class(es)</b> ADR, ADN, IMDG, IATA Class	Void
<b>14.4 Packing group</b> ADR, IMDG, IATA	Void
<b>14.5 Environmental hazards:</b>	Not applicable.
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
<b>Transport/Additional information:</b>	Not dangerous according to the above specifications.
<b>UN "Model Regulation":</b>	Void

### SECTION 15: Regulatory information

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

Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)

Regulation (EC) No 1272/2008 (CLP)

Regulation (EU) 2020/878 (amending REACH Annex II on the compilation of safety data sheets)

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Shelf-life of the product: see details on the packaging.

For bulk product: shelf life 3 months starting from date on the Delivery note.

**Labelling according to Regulation (EC) No 1272/2008** cf. section 2**Directive 2012/18/EU****Named dangerous substances - ANNEX I** None of the ingredients is listed.**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

**REGULATION (EU) 2019/1148****Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

**Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

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

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

**Relevant phrases**

The following list of relevant hazard statements is the full text of hazard statements mentioned elsewhere in this safety data sheet (in particular in the section 3) and is reported as required by the Regulation (EC) No 1907/2006 (REACH), Annex II, and the following amendments (Regulation (EU) 2020/878). The statements mentioned here do not refer to the product itself, but refer to the individual ingredients in the products, and are provided for information.

**Department issuing SDS:** Technical department**Contact:**

Line Holaker

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**Version number of previous version:** 1**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 relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

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 Organisation

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
DNEL: Derived No-Effect Level (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
SVHC: Substances of Very High Concern (REACH regulation)  
vPvB: very Persistent and very Bioaccumulative

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

According to Annex II of the REACH regulation, the modified sections in this version of the Safety Data Sheet in comparison with the previous one are marked with asterisks.

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