

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.02.2017

Version number 1

Revision: 03.08.2016

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

#### 1.1 Product identifier

Trade name weber.vetonit 3300 Renovation

Safety data sheet no.: 358P0505

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

##### Application of the substance / the mixture

Construction chemicals

Filler and surfacer

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

##### Manufacturer/Supplier:

Saint-Gobain Rakennustuotteet Oy / Weber

PL 70

(Strömberginkuja 2)

FIN-00381 Helsinki

Tel. +358-(0)10-44 22 00

Fax +358-(0)10-44 22 295

email: [info@e-weber.fi](mailto:info@e-weber.fi)

[www.e-weber.fi](http://www.e-weber.fi)

**1.4 Emergency telephone number:** Tel. +358-(0)10-44 22 00

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

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

Results of in vitro- tests have shown that cement based mixtures with more than 1% of cement cause serious skin irritation and serious eye damage, therefore the classification of these mixtures regarding H315 and H318 is not based on the calculation of the ingredients or the pH in this case.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

#### 2.2 Label elements

##### Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

##### Hazard pictograms



GHS05

**Signal word** Danger

##### Hazard-determining components of labelling:

cement portland, grey

##### Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

##### Precautionary statements

P102 Keep out of reach of children.

P261 Avoid breathing dust.

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P280 Wear protective gloves / eye protection / face protection.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P313 Get medical advice/attention.

**Additional information:**

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

**2.3 Other hazards**
**Results of PBT and vPvB assessment**

PBT and vPvB criteria are not applicable to inorganic substances.

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



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

### SECTION 3: Composition/information on ingredients

**3.2 Chemical characterisation: Mixtures**

**Description:** Ready-mixed mortar with Portland cement

**Dangerous components:**

CAS: 65997-15-1	cement portland, grey	5 - 10%
EINECS: 266-043-4	 Eye Dam. 1, H318;  Skin Irrit. 2, H315; STOT-SE 3, H335	

**SVHC** Void

**Additional information**

The preparation is "low chromate" according to 2006/1907/EEC within the product shelf-life, so that the identification with H317 / EUH203 is not applicable, when the packing was not opened in the meantime.

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

### SECTION 4: First aid measures

**4.1 Description of first aid measures**

**After inhalation** Supply fresh air and to be sure call for a doctor.

**After skin contact**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

**After eye contact**

Rinse opened eye for at least 15 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.

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

Risk of eye damage in contact with dry or moist product.

May irritate moist skin in prolonged contact.

Repeated inhalation of dust over long period of time may increase the risk of lung diseases.

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

No further relevant information available.

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing agents

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

The product is not combustible.

#### 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

#### 5.3 Advice for firefighters

**Protective equipment:** No special measures required.

### SECTION 6: Accidental release measures

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

Avoid formation of dust.

Wear protective clothing.

**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.

### 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 unopened original receptacles.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Store in dry conditions.

**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:

Finland: cement dust

HTP(8h) = 5 mg/m<sup>3</sup>, inhalable dust

HTP(8h) = 1 mg/m<sup>3</sup>, respirable dust

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### 8.2 Exposure controls

#### Personal protective equipment:

#### General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.  
 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:

In case of brief exposure or low pollution use respiratory filter device.  
 In case of intensive or longer exposure use self-contained respiratory protective device.

#### Protection of hands:

The hands must be cleaned from the powder before putting on the gloves.  
 Protective gloves.  
 The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

**Eye protection:** Safety glasses.

**Body protection:** Protective work clothing.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

#### Appearance:

<b>Form:</b>	Powder
<b>Colour:</b>	Grey
<b>Odour:</b>	Specific type
<b>Odour threshold:</b>	Not determined.

<b>pH-value at 20 °C (68 °F):</b>	<11
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#### Change in condition

<b>Initial boiling point and boiling range:</b>	Undetermined.
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<b>Flash point:</b>	Not applicable
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<b>Flammability (solid, gas):</b>	Product is not flammable.
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<b>Ignition temperature:</b>	Not determined.
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<b>Decomposition temperature:</b>	Not determined.
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<b>Explosive properties:</b>	Product does not present an explosion hazard.
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#### Explosion limits:

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.

<b>Oxidising properties</b>	Not determined.
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<b>Vapour pressure:</b>	Not applicable.
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<b>Density at 20 °C (68 °F):</b>	1,4-1,6 g/cm <sup>3</sup> (11,683-13,35 lbs/gal)
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<b>Vapour density</b>	Not applicable.
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<b>Evaporation rate</b>	Not applicable.
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<b>Solubility in / Miscibility with Water:</b>	Miscible
<b>Segregation coefficient (n-octanol/water) log Pow:</b>	Not determined.
<b>Viscosity:</b>	
dynamic:	Not determined.
kinematic:	Not determined.
<b>Solvent content:</b>	
Organic solvents:	0,0 %
EU-VOC	0,00 %
<b>Solids content:</b>	100 %
<b>9.2 Other information</b>	No further relevant information available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

In reaction with water the product will harden into a stable mass that is not reactive under normal conditions.

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

**10.3 Possibility of hazardous reactions** No dangerous reactions known

**10.4 Conditions to avoid** Humidity (during storage).

**10.5 Incompatible materials:** Acids, ammonium salts, aluminium powder.

**10.6 Hazardous decomposition products:**

No dangerous decomposition products known.

No dangerous decomposition products known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

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

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

Components	Type	Value	Species
<b>65997-15-1 cement portland, grey</b>			
Dermal	LD50	> 2000 mg/kg	(Rabbit)

**Primary irritant effect:**

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/irritation**

Causes serious eye damage.

**Respiratory or skin sensitisation**

The Cr(VI) contained in the portland cement has been reduced into non-sensitizing form. The Cr-passivation will last during the storage period given on the package.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**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.

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**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.

### SECTION 12: Ecological information

#### 12.1 Toxicity

**Aquatic toxicity:** Not classified as harmful to aquatic organisms.

#### 12.2 Persistence and degradability

Not biodegradable.

Inorganic material.

**12.3 Bioaccumulative potential** Does not accumulate in organisms

#### Behaviour in environmental systems:

**12.4 Mobility in soil** Hardens in reaction with water. Does not leach.

#### 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, even in small quantities.

#### 12.5 Results of PBT and vPvB assessment

PBT and vPvB criteria are not applicable to inorganic substances.

**PBT:** Does not contain PBT substances.**vPvB:** Does not contain vPvB substances.**12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### 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.

##### Waste disposal key:

The classification in a waste code according to the European waste catalogue (EWC) is to be made in accordance with the regional responsible for waste disposal

##### European waste catalogue

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

10 13 11	wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
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##### Uncleaned packaging:

**Recommendation:** Disposal must be made according to official regulations.**Recommended cleaning agent:** Thoroughly shake out sacks.

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**SECTION 14: Transport information**

<b>14.1 UN-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 Transport in bulk according to Annex II of Marpol and the IBC Code</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**

Portland cement clinker is exempt from REACH registration (Article 2.7b and Annex V, section 10).

REACH Annex XVII Restrictions: 47. Chromium VI compounds

1. Cement and cement-containing mixtures shall not be placed on the market, or used, if they contain, when hydrated, more than 2 mg/kg (0,0002 %) soluble chromium VI of the total dry weight of the cement.

2. If reducing agents are used, then without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of cement or cement-containing mixtures is visibly, legibly and indelibly marked with information on the packing date, as well as on the storage conditions and the storage period appropriate to maintaining the activity of the reducing agent and to keeping the content of soluble chromium VI below the limit indicated in paragraph 1.

**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.

**Relevant phrases**

H315 Causes skin irritation.

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H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

**Department issuing SDS:**

Saint-Gobain Rakennustutteet Oy / Weber

QEHS

P.O.Box 70 (Strömberginkuja 2)

FI-00381 Helsinki

**Contact:**

Tel. +358-(0)10-44 22 00

Fax +358-(0)10-44 22 520

**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)

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

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)

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

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

**Sources**

Chemical legislation.

Cembureau guidelines for common cements.