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

### 1.1 Product identifier

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# 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 Construction chemicals

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

# Manufacturer/Supplier:

Saint-Gobain Weber Limited

Dickens House

**Enterprise Way** 

Flitwick

Bedfordshire

MK45 5BY

1.4 Emergency telephone number: Product safety department

# **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.



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



Skin Sens. 1 H317 May cause an allergic skin reaction.

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

#### 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 GHS07

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# Signal word Danger

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# Hazard-determining components of labelling:

cement portland, grey

### **Hazard statements**

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

### **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

Read label before use. P103

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

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/physician. P310

P321 Specific treatment (see on this label).

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

international regulations.

#### 2.3 Other hazards

### Results of PBT and vPvB assessment

**PBT:** Not applicable. vPvB: Not applicable.

# **SECTION 3: Composition/information on ingredients**

### 3.2 Chemical characterisation: Mixtures

**Description:** Mixture: consisting of the following components.

Dangerous compor	nents:	
CAS: 65997-15-1	cement portland, grey	2 - 5%
EINECS: 266-043-4	x Xi R37/38-41; x Xi R43	
	Eye Dam. 1, H318; 🕩 Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT 3, H335	SE
		0.1 - 1%
EINECS: 209-062-5	x Xn R22; x Xi R36	
	① Acute Tox. 4, H302; Eye Irrit. 2, H319	

### Additional information

The preparation is "low chromate" according to 2006/1907/EEC within the product shelf-life, 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.

# **SECTION 4: First aid measures**

### 4.1 Description of first aid measures

### **General information**

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.

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**After skin contact** Generally the product does not irritate the skin.

### After eye contact

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

After swallowing If symptoms persist consult doctor.

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

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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 Not required.
- **6.2 Environmental precautions:** No special measures required.
- 6.3 Methods and material for containment and cleaning up: Pick up 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** 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: None.

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

# **SECTION 8: Exposure controls/personal protection**

Additional information about design of technical facilities: No further data; see item 7.

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# 8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

CAS No. Designation of material	%	Type	Value Unit
65997-15-1 cement portland, grey			
WEL Long-term value: 10* 4** mg/m³ *inhalable dust **respirable dust			

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

Quartz alveolar 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

Personal protective equipment:

# General protective and hygienic measures:

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

Wash hands before breaks and at the end of work.

Respiratory protection: Not required.
Protection of hands: Protective gloves.
Eye protection: Tightly sealed goggles
Body protection: Protective work clothing.

# **SECTION 9: Physical and chemical properties**

9.1 Information on basic physical and General Information	I chemical properties
Appearance: Form: Colour:	Solid.
Odour: Odour threshold:	According to product specification Characteristic Not determined.
pH-value:	Not applicable.
Change in condition Melting point/Melting range: Boiling point/Boiling range:	Undetermined. Undetermined.
Flash point:	Not applicable
Flammability (solid, gaseous):	Product is not flammable.
Ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Self-igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits: Lower: Upper:	Not determined. Not determined.
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Oxidising properties	Not determined.
Vapour pressure:	Not applicable.
Density:	Not applicable.
Relative density	Not determined.
Vapour density	Not applicable.
Evaporation rate	Not applicable.
Solubility in / Miscibility with	
Water:	Unsoluble
Segregation coefficient (n-octanol/wa	ater) log
Pow:	Not determined.
Viscosity:	
dynamic:	Not applicable.
kinematic:	Not applicable.
Solvent content:	• •
Organic solvents:	0.0 %
EU-VOC	0.00 %
Solids content:	100.0 %
9.2 Other information	No further relevant information available.

# **SECTION 10: Stability and reactivity**

10.1 Reactivity

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 No dangerous reactions known
- 10.4 Conditions to avoid No further relevant information available.
- **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 toxicological effects

Acute toxicity:

**Primary irritant effect:** 

on the skin: Irritant to skin and mucous membranes.

on the eye: Strong irritant with the danger of severe eye injury.

Sensitisation: No sensitising effects known.

# **SECTION 12: Ecological information**

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

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

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

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### Behaviour in environmental systems:

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

Additional ecological information:

### **General notes:**

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

12.5 Results of PBT and vPvB assessment

**PBT:** Not applicable. **vPvB:** Not applicable.

12.6 Other adverse effects No further relevant information available.

# **SECTION 13: Disposal considerations**

### 13.1 Waste treatment methods

### European waste catalogue

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

# Uncleaned packaging:

### Recommendation:

Empty contaminated packagings thoroughly. They may be recycled

after thorough and proper cleaning.

Recommended cleaning agent: Thoroughly shake out sacks.

14.1 UN-Number ADR, IMDG, IATA	Void	
14.2 UN proper shipping name ADR, IMDG, IATA	Void	
14.3 Transport hazard class(es)		
ADR Class	- (-)	
IMDG Class Label	Void -	
IATA Class	Void	
14.4 Packing group ADR, IMDG, IATA	Void	
14.5 Environmental hazards:	Not applicable.	
14.6 Special precautions for user EMS Number:	Not applicable.	

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14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

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

UN "Model Regulation": UN-, -

# **SECTION 15: Regulatory information**

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

No further relevant information available.

**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

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

R22 Harmful if swallowed.

R36 Irritating to eyes.

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.

R43 May cause sensitisation by skin contact.

### Department issuing MSDS: Product safety department.

#### Contact:

Dr Sara Kelly

SHEQ Systems Manager

weber

Tel: 01525 722145 Fax: 01525 718988

Email: sara.kelly@netweber.co.uk

# 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

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)

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Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1 STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

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