

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.08.2015

Revision: 26.08.2015

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

1.1 Product identifierTrade name weber.cem HB bondcoat**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:**

SaintGobain Weber Limited
 Dickens House
 Enterprise Way
 Flitwick
 Bedfordshire
 MK45 5BY

Further information obtainable from:

Dr Sara Kelly
 SHEQ Systems Managerweber
 Tel: 01525 722145
 Fax: 01525 718988
 E-mail: sara.kelly@netweber.co.uk

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

Skin Corr. 1A H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

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

STOT SE 3 H335 May cause respiratory irritation.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

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.

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.08.2015

Revision: 26.08.2015

Trade name weber.cem HB bondcoat

(Contd. of page 1)

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

Signal word Danger**Hazard-determining components of labelling:**

cement portland, grey

disodium metasilicate

Lime, hydraulic

Hazard statements

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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/doctor.

P405 Store locked up.

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

Additional information:

Contains chromium (VI). May produce an allergic reaction.

2.3 Other hazards**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 Chemical characterisation: Mixtures**Description:** Mixture of substances listed below with nonhazardous additions.**Dangerous components:**

CAS: 65997-15-1	cement portland, grey	> 50%
EINECS: 266-043-4	Xi R37/38-41; Xi R43 Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	

(Contd. on page 3)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.08.2015

Revision: 26.08.2015

Trade name weber.cem HB bondcoat

(Contd. of page 2)

CAS: 12004-14-7 EINECS: 234-448-5	Calcium sulfaluminate ☒ Xi R36/38 ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	5 - 10%
CAS: 85117-09-5 EINECS: 285-561-1	Lime, hydraulic ☒ Xi R37/38-41 ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; STOT SE 3, H335	1 - 2%
CAS: 7733-02-0 EINECS: 231-793-3	zinc sulphate (anhydrous) ☒ Xn R22; ☒ Xi R41; ☒ N R50/53 ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302	0.1 - 1%

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.

After skin contact If skin irritation continues, consult a doctor.

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.

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.08.2015

Revision: 26.08.2015

Trade name weber.cem HB bondcoat

(Contd. of page 3)

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.**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/m ³ *inhalable dust **respirable dust				

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:

Suitable respiratory protective device recommended.

Filter P2.

Protection of hands: Protective gloves.**Eye protection:** Tightly sealed goggles**Body protection:** Protective work clothing.

GB

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.08.2015

Revision: 26.08.2015

Trade name weber.cem HB bondcoat

(Contd. of page 4)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Powder
Colour:	Grey
Odour:	Characteristic
Odour threshold:	Not determined.

pH-value at 20 °C:	12.5
--------------------	------

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	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:	Not determined.
Upper:	Not determined.
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/water) log

Pow:	Not determined.
------	-----------------

Viscosity:

dynamic:	Not applicable.
kinematic:	Not applicable.

Solvent content:

Organic solvents:	0.0 %
EU-VOC	0.00 %

9.2 Other information	No further relevant information available.
-----------------------	--

GB

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.08.2015

Revision: 26.08.2015

Trade name weber.cem HB bondcoat

(Contd. of page 5)

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

Components	Type	Value	Species
69012-64-2 amorphes Siliciumdioxid			
Oral	LD50	> 10000 mg/kg	(rat)

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.

Type of test	Effective concentration	Method	Assessment
69012-64-2 amorphes Siliciumdioxid			
EC50/24h	> 1002 mg/l	(water flea)	

12.2 Persistence and degradability No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**Behaviour in environmental systems:****12.4 Mobility in soil** No further relevant information available.**Additional ecological information:****General notes:**

Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

12.5 Results of PBT and vPvB assessment**PBT:** Does not contain PBT substances.**vPvB:** Does not contain vPvB substances.

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.08.2015

Revision: 26.08.2015

Trade name weber.cem HB bondcoat

12.6 Other adverse effects No further relevant information available.

(Contd. of page 6)

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: Disposal must be made according to official regulations.

SECTION 14: Transport information

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

Void

Label

-

IATA

Class

Void

14.4 Packing group

ADR, IMDG, IATA

Void

14.5 Environmental hazards:

Not applicable.

14.6 Special precautions for user

Not applicable.

EMS Number:

-

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.

(Contd. on page 8)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.08.2015

Revision: 26.08.2015

Trade name weber.cem HB bondcoat

(Contd. of page 7)

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.
 H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.
- R22 Harmful if swallowed.
 R36/38 Irritating to eyes and skin.
 R37/38 Irritating to respiratory system and skin.
 R41 Risk of serious damage to eyes.
 R43 May cause sensitisation by skin contact.
 R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Department issuing MSDS: Product safety department.

Contact:

Dr Sara Kelly
 SHEQ Systems Manager
 weber
 Tel: 01525 722145
 Fax: 01525 718988
 E-mail: 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
 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
 vPvB: very Persistent and very Bioaccumulative
 Acute Tox. 4: Acute toxicity, Hazard Category 4
 Skin Corr. 1A: Skin corrosion/irritation, Hazard Category 1A
 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
 Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1

(Contd. on page 9)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 26.08.2015

Revision: 26.08.2015

Trade name weber.cem HB bondcoat

Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1
Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

(Contd. of page 8)

GB