

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 16.12.2022

Version number 6 (replaces version 5)

Revision: 15.12.2022

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

1.1 Product identifier

Trade name **webercem pyracrete**

Safety data sheet no.: 44P46050

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

Dickens House

Enterprise Way

Flitwick

Bedfordshire MK45 5BY

Tel: +44(0)1525 718877

webersds@saint-gobain.com

1.4 Emergency telephone number:

- Ireland: National Poisons Information Centre: +353 (1) 809 2166 (Members of the public 8am - 10pm, 7 days a week) ; +353 (1) 809 2566 (Healthcare professionals only 24/7)

- Iceland: Poisons Information Center - Icelandic University Hospital: +354 543 2222

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.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

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

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

(Contd. on page 2)

EUG

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 16.12.2022

Version number 6 (replaces version 5)

Revision: 15.12.2022

Trade name webercem pyracrete

(Contd. of page 1)

Hazard-determining components of labelling:

cement portland, grey

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

Precautionary statements

P261 Avoid breathing dust.

P280 Wear protective gloves/protective clothing/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.

P310 Immediately call a POISON CENTER/doctor.

P363 Wash contaminated clothing before reuse.

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

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

Dangerous components:

CAS: 1317-65-3 EINECS: 215-279-6	calcium carbonate substance with a Community workplace exposure limit	25-50%
CAS: 14808-60-7 EINECS: 238-878-4	Silicon dioxide (Quartz sand) substance with a Community workplace exposure limit	10-25%
CAS: 65997-15-1 EINECS: 266-043-4	cement portland, grey ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335, EUH203 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 1 % Eye Dam. 1; H318: C ≥ 1 %	10-20%
CAS: 7778-18-9 EINECS: 231-900-3 Reg.nr.: 01-2119444918-26-xxxx	calcium sulphate, different hydrate levels CaSO ₄ x n H ₂ O (n = 0; 1/2; 2) substance with a Community workplace exposure limit	5-10%
CAS: 497-19-8 EINECS: 207-838-8 Index number: 011-005-00-2 Reg.nr.: 01-2119485498-19-xxxx	sodium carbonate ⚠ Eye Irrit. 2, H319	1-2%

SVHC Void

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

EUG

(Contd. on page 3)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 16.12.2022

Version number 6 (replaces version 5)

Revision: 15.12.2022

Trade name webercem pyracrete

(Contd. of page 2)

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 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 a 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.

(Contd. on page 4)

EUG

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 16.12.2022

Version number 6 (replaces version 5)

Revision: 15.12.2022

Trade name webercem pyracrete

(Contd. of page 3)

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/m³ (worker systemic long term value) 5 mg/m³ (worker systemic short term value)
CAS: 7778-18-9 calcium sulphate, different hydrate levels CaSO4 x n H2O (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/m³ (worker systemic long term value) 5,082 mg/m³ (worker systemic short term value) 5.29 mg/m³ (consumer systemic long term value) 3,811 mg/m³ (consumer systemic short term value)
CAS: 497-19-8 sodium carbonate		
Inhalative	Derived No Effect Level	10 mg/m³ (worker local short term value) 10 mg/m³ (worker local long term value) 10 mg/m³ (consumer local long term value)
CAS No. / Designation of material / % / Type / Value / Unit		
CAS: 1317-65-3 calcium carbonate		
TWA (Italy)		Long-term value: 10 mg/m³ (e)
CAS: 14808-60-7 Silicon dioxide (Quartz sand)		
BOELV (European Union)		Long-term value: 0.1* mg/m³ *respirable fraction
MAK (Germany)		Long-term value: 0.05 mg/m³ alveolengängige Fraktion
GV (Denmark)		Short-term value: 0.6* 0.2** mg/m³ Long-term value: 0.3* 0.1** mg/m³ *total; **total, respirabel, EK
LEP (Spain)		Long-term value: 0.05 mg/m³ *Fracción resp:n,d,y
TWA (Italy)		Long-term value: 0.025 mg/m³ A2, (j)
VLE (Portugal)		Long-term value: 0.025 mg/m³ Resp.;A2; fibrose pulmonar; cancro do pulmão
OEL (Sweden)		Long-term value: 0.1 mg/m³ C, M, respirabel fraktion
HTP (Finland)		Long-term value: 0.05 0.1* mg/m³ alveolijae;*sitovat raja-arvot, pöly

(Contd. on page 5)

EUG

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 16.12.2022

Version number 6 (replaces version 5)

Revision: 15.12.2022

Trade name webercem pyracrete

(Contd. of page 4)

CAS: 65997-15-1 cement portland, grey

AGW (Germany)	Long-term value: 5 E mg/m ³ DFG
LEP (Spain)	Long-term value: 4 mg/m ³ fracción respirable: e, d
TWA (Italy)	Long-term value: 1 mg/m ³ (e, j), A4
VLE (Portugal)	Long-term value: 1 mg/m ³ Fração resp.; A4, função pulm., sintomas resp., asma
HTP (Finland)	Long-term value: 5* 1** mg/m ³ *hengittyvä pöly, **alveolijae

CAS: 7778-18-9 calcium sulphate, different hydrate levels CaSO₄ x n H₂O (n = 0; 1/2; 2)

AGW (Germany)	Long-term value: 6 A mg/m ³ DFG
LEP (Spain)	Long-term value: 10 mg/m ³ e
TWA (Italy)	Long-term value: 10 mg/m ³ (i)
VLE (Portugal)	Long-term value: 10 mg/m ³ Fração inalável; Sintomas nasais

8.2 Exposure controls

Appropriate engineering controls No further data; see item 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.

Wash hands before breaks and at the end of work.

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.

Hand protection Protective gloves.

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

Colour:	Grey
Odour:	Characteristic
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling range	Undetermined.
Flammability	Product is not flammable.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.

(Contd. on page 6)

EUG

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 16.12.2022

Version number 6 (replaces version 5)

Revision: 15.12.2022

Trade name webercem pyracrete

(Contd. of page 5)

Flash point:	Not applicable
Ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
pH	Not applicable.
Viscosity:	
Kinematic viscosity	Not applicable.
dynamic:	Not applicable.
Solubility	
Water:	Insoluble
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not applicable.
Density and/or relative density	
Density:	Not applicable.
Relative density	Not determined.
Vapour density	Not applicable.
Particle characteristics	See item 3.

9.2 Other information

Appearance:

Form: Powder

Important information on protection of health and environment, and on safety.

Auto-ignition temperature: Product is not self-igniting.

Explosive properties: Product does not present an explosion hazard.

Minimum ignition energy

Solvent content:

Organic solvents: 0.0 %

EU-VOC (%) 0.0000 %

EU-VOC (g/L) 0.0000 g/l

Solids content: 99.9 %

Change in condition

Softening point/range

Oxidising properties Not determined.

Evaporation rate Not applicable.

Information with regard to physical hazard classes

Explosives Void

Flammable gases Void

Aerosols Void

Oxidising gases Void

Gases under pressure Void

Flammable liquids Void

Flammable solids Void

Self-reactive substances and mixtures Void

Pyrophoric liquids Void

Pyrophoric solids Void

Self-heating substances and mixtures Void

Substances and mixtures, which emit flammable gases in contact with water Void

Oxidising liquids Void

(Contd. on page 7)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 16.12.2022

Version number 6 (replaces version 5)

Revision: 15.12.2022

Trade name webercem pyracrete

(Contd. of page 6)

Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	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 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 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
CAS: 1317-65-3 calcium carbonate			
Oral	LD50	>5,000 mg/kg	(Rat)
CAS: 65997-16-2 Cement, alumina, chemicals			
Oral	LD50	>2,000 mg/kg	(Rat)
Dermal	LD50	>2,000 mg/kg	(Rat)
CAS: 65997-15-1 cement portland, grey			
Dermal	LD50	>2,000 mg/kg	(Rabbit)
CAS: 7778-18-9 calcium sulphate, different hydrate levels CaSO₄ x n H₂O (n = 0; 1/2; 2)			
Oral	LD50	>2,000 mg/kg	(Rat)
CAS: 497-19-8 sodium carbonate			
Oral	LD50	>2,800 mg/kg	(Rat)
Dermal	LD50	>2,000 mg/kg	(Rat)

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

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.

(Contd. on page 8)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 16.12.2022

Version number 6 (replaces version 5)

Revision: 15.12.2022

Trade name webercem pyracrete

(Contd. of page 7)

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: No further relevant information available.

Type of test / Effective concentration / Method / Assessment

CAS: 1317-65-3 calcium carbonate

LC50/96h	>10,000 mg/l (Oncorhynchus mykiss (Rainbow trout))
EC50/48h	>1,000 mg/l (Daphnia magna)
EC50/72h	>200 mg/l (Algae)

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

LC50/96h	100 mg/l (Fish)
EC50/48h	5.4 mg/l (Daphnia magna)
EC50/72h	3.6 mg/l (Algae)

CAS: 7778-18-9 calcium sulphate, different hydrate levels CaSO₄ x n H₂O (n = 0; 1/2; 2)

LC50/48h	79-1,970 mg/l (Daphnia magna)
LC50/96h	>79 mg/l (Oryzias latipes (Japanese medaka))
	79-2,980 mg/l (Fish)
EC50/72h	>79 mg/l (Selenastrum capricornutum (Green algae))

CAS: 497-19-8 sodium carbonate

LC50/96h	300 mg/l (Lepomis macrochirus (Sunfish))
EC50/48h	200 mg/l (Daphnia magna)

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

Behaviour in sewage processing plants:

Type of test / Effective concentration / Method / Assessment

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

EC 50 (3h)	1,000 mg/l (Activated sludge)
------------	-------------------------------

CAS: 7778-18-9 calcium sulphate, different hydrate levels CaSO₄ x n H₂O (n = 0; 1/2; 2)

EC 50 (3h)	>1,000 mg/l (Activated sludge)
------------	--------------------------------

(Contd. on page 9)

EUG

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 16.12.2022

Version number 6 (replaces version 5)

Revision: 15.12.2022

Trade name webercem pyracrete

(Contd. of page 8)

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

European waste catalogue

HP4	Irritant - skin irritation and eye damage
HP13	Sensitising

Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN number or ID number ADR, ADN, IMDG, IATA	Void
14.2 UN proper shipping name ADR, ADN, IMDG, IATA	Void
14.3 Transport hazard class(es) ADR Class ADN/R Class:	- (-) Void
IMDG Class Label	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. -
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
Transport/Additional information:	Not dangerous according to the above specifications.
UN "Model Regulation":	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)

(Contd. on page 10)

-EUG-

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 16.12.2022

Version number 6 (replaces version 5)

Revision: 15.12.2022

Trade name webercem pyracrete

(Contd. of page 9)

Regulation (EU) 2020/878 (amending REACH Annex II on the compilation of safety data sheets)
"Control of Substances Hazardous to Health" UK Regulations 2002 (as amended)

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 47

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.

Relevant phrases

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.

EUH203 Contains chromium (VI). May produce an allergic reaction.

Classification according to Regulation (EC) No 1272/2008

Skin corrosion/irritation

Serious eye damage/eye irritation

Skin sensitisation

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Department issuing SDS: EHS

Contact:

webersds

+44(0)1525718877

webersds@saint-gobain.com

Version number of previous version: 5

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

(Contd. on page 11)

EUG

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 16.12.2022

Version number 6 (replaces version 5)

Revision: 15.12.2022

Trade name webercem pyracrete

(Contd. of page 10)

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)
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
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

*** 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.

— EUG —