

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.06.2017

Version number 1

Revision: 14.11.2016

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

1.1 Product identifier

Trade name weber FireMortar

Safety data sheet no.: 358P0725

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

Application of the substance / the mixture Construction chemicals

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Saint-Gobain Finland 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

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

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:

Silicic acid, sodium salt

Hazard statements

H318 Causes serious eye damage.

Precautionary statements

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

P102 Keep out of reach of children.

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.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

(Contd. on page 2)

EUG

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

Printing date 08.06.2017

Version number 1

Revision: 14.11.2016

Trade name weber FireMortar

vPvB: Does not contain vPvB substances.

(Contd. of page 1)

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Description:

Dangerous components:

CAS: 1344-09-8	Silicic acid, sodium salt	5 - 10%
EINECS: 215-687-4	☠ Eye Dam. 1, H318; ☠ Skin Irrit. 2, H315; STOT SE 3, H335	
Reg.nr.: 2119448725-31-XXXX		

SVHC Void

Additional information

The product contains silica sand composed of quartz (crystalline silica) with a fine fraction below 1%. 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; consult doctor in case of complaints.

After skin contact Immediately wash with water and soap and rinse thoroughly.

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 If symptoms persist consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Risk of eye damage and eye irritation.

Inhalation of respirable quartz dust can cause silicosis through long-term exposure.

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.

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: No special measures required.

EUG

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.06.2017

Version number 1

Revision: 14.11.2016

Trade name weber FireMortar

(Contd. of page 2)

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid formation of dust.

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: Store away from foodstuffs.**Further information about storage conditions:**

Store in cool, dry conditions in well sealed receptacles.

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:

Quartz dust, respirable fraction

HTP(15 min) = 0,05 mg/m³

8.2 Exposure controls

Personal protective equipment:**General protective and hygienic measures:**

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

EUG

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.06.2017

Version number 1

Revision: 14.11.2016

Trade name weber FireMortar

(Contd. of page 3)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

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

pH-value:	Slightly alkaline
-----------	-------------------

Change in condition

Melting point/Melting range:	>1200 °C
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:	1,5 g/cm ³
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 %
Solids content:	100,0 %

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

SECTION 10: Stability and reactivity

10.1 Reactivity Not reactive under normal conditions of use

(Contd. on page 5)

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

Printing date 08.06.2017

Version number 1

Revision: 14.11.2016

Trade name weber FireMortar

(Contd. of page 4)

- 10.2 Chemical stability** Stable at recommended storage conditions
- 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 Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

Components	Type	Value	Species
1344-09-8 Silicic acid, sodium salt			
Oral	LD50	3400 mg/kg	(Rat)
Dermal	LD50	> 5000 mg/kg	(Rat)

Primary irritant effect:

Skin corrosion/irritation Skin irritation possible due to drying effect.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

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.

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 life.

Type of test	Effective concentration	Method	Assessment
1344-09-8 Silicic acid, sodium salt			
LC50/48h	>100 mg/l	(Fish)	
LC50/96h	1108 mg/l	(Brachydanio rerio (zebra danio))	
EC50/48h	>100 mg/l	(Activated sludge)	
	1700 mg/l	(Daphnia magna)	

12.2 Persistence and degradability Not easily biodegradable

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

12.5 Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

(Contd. on page 6)

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

Printing date 08.06.2017

Version number 1

Revision: 14.11.2016

Trade name weber FireMortar

(Contd. of page 5)

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.

European waste catalogue

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

10 12 99	wastes not otherwise specified
----------	--------------------------------

Uncleaned packaging:**Recommendation:** Disposal must be made according to official regulations.**SECTION 14: Transport information****14.1 UN-Number**

ADR, ADN, IMDG, IATA

Void

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA

Void

14.3 Transport hazard class(es)

ADR, ADN, IMDG, 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.

14.7 Transport in bulk according to Annex II of**Marpol and the IBC Code**

Not applicable.

UN "Model Regulation":

Void

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Directive 2012/18/EU****Named dangerous substances - ANNEX I** None of the ingredients is listed.**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

EUG

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.06.2017

Version number 1

Revision: 14.11.2016

Trade name weber FireMortar

(Contd. of page 6)

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.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

Department issuing SDS:

Saint-GobainFinland 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:

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 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)

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

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