

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.06.2017

Version number 2

Revision: 04.10.2016

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

#### 1.1 Product identifier

Trade name weber FireRepair

Safety data sheet no.: 358P0724

#### 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](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

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

P102 Keep out of reach of children.

P280 Wear 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)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.06.2017

Version number 2

Revision: 04.10.2016

**Trade name** weber FireRepair

**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 EINECS: 215-687-4 Reg.nr.: 2119448725-31-XXXX	Silicic acid, sodium salt ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; STOT SE 3, H335	5 - 10%
CAS: 14808-60-7 EINECS: 238-878-4 Index number: 002-315-45-4	Siliciumdioxide (SiO <sub>2</sub> , Quartz flour in a dry product) ⚠ STOT RE 1, H372	<1%

**SVHC** Void

**Additional information** 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. If symptoms persist, consult a doctor.

Rinse liquid should be tempered (20-30 °C).

##### After swallowing

Rinse out mouth and give 1-2 glasses of water to drink.

If the swallowed amount is large, seek medical advice.

#### 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

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.

### SECTION 6: Accidental release measures

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

Not required. (Contd. on page 3)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.06.2017

Version number 2

Revision: 04.10.2016

Trade name weber FireRepair

(Contd. of page 2)

**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

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of dust.

**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:

Inorganic dust HTP(8h) = 10 mg/m<sup>3</sup>

Quartz (silicium dioxide), alveolar fraction HTP(8h) = 0,05 mg/m<sup>3</sup>

#### DNELs

##### 1344-09-8 Silicic acid, sodium salt

Oral	Derived No Effect Level	0,80 mg/kgxday (consumer long term value)
Dermal	Derived No Effect Level	0,80 mg/kgxday (consumer long term value)
		1,59 mg/kgxday (worker systemic long term value)
Inhalative	Derived No Effect Level	1,38 mg/m <sup>3</sup> (consumer long term value)
		5,61 mg/m <sup>3</sup> (worker systemic long term value)

#### 8.2 Exposure controls

**Personal protective equipment:**

**General protective and hygienic measures:**

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

Keep away from foodstuffs, beverages and feed.

**Respiratory protection:**

Use suitable respiratory protective device when high concentrations are present.

**Protection of hands:** Protective gloves.

**Eye protection:** Safety glasses.

(Contd. on page 4)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.06.2017

Version number 2

Revision: 04.10.2016

Trade name weber FireRepair

(Contd. of page 3)

Body protection: Protective work clothing.

### 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:	10-12 In water
-----------	-------------------

##### 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:	1,5-2,0 g/cm <sup>3</sup> (12,518-16,69 lbs/gal)
----------	--

Vapour density	Not applicable.
----------------	-----------------

Evaporation rate	Not applicable.
------------------	-----------------

##### Solubility in / Miscibility with

Water:	Partly soluble
--------	----------------

##### 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 %

(Contd. on page 5)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.06.2017

Version number 2

Revision: 04.10.2016

Trade name weber FireRepair

(Contd. of page 4)

### 9.2 Other information

No further relevant information available.

## SECTION 10: Stability and reactivity

**10.1 Reactivity** Not reactive under normal conditions of use

**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
<b>1344-09-8 Silicic acid, sodium salt</b>			
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 (carcinogenity, 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
<b>1344-09-8 Silicic acid, sodium salt</b>			
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** The product is not biodegradable.

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

(Contd. on page 6)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.06.2017

Version number 2

Revision: 04.10.2016

**Trade name** weber FireRepair

(Contd. of page 5)

**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.

**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** Smaller quantities can be disposed of with household waste.

**Uncleaned packaging:**
**Recommendation:**

Disposal must be made according to official regulations.

Non contaminated packagings may be recycled.

### 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.

**Transport/Additional information:**

Not dangerous according to the above specifications.

**UN "Model Regulation":**

Void

### SECTION 15: Regulatory information

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

EU

(Contd. on page 7)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.06.2017

Version number 2

Revision: 04.10.2016

**Trade name weber FireRepair**

(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.

H372 Causes damage to organs through prolonged or repeated exposure.

#### Department issuing SDS:

Saint-Gobain Finland 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

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

**\* Data compared to the previous version altered.**