

Printing date 28.06.2021 Version number 4 (replaces version 3

Version number 4 (replaces version 3) Revision: 28.06.2021

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

1.1 Product identifier

Trade name weber.tec 942

Safety data sheet no.: 49PD20284

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 Filling mortar

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Saint Gobain Weber GmbH

Schanzenstr. 84 D-40549 Düsseldorf +49(0)211/91369-0

email: Produktsicherheit@sg-weber.de

1.4 Emergency telephone number: Telefon: +49(0)6131-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008



GHS08 health hazard

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.



Eye Dam. 1 H318 Causes serious eye damage.



Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H335 May cause respiratory irritation.

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 GHS08

Signal word Danger

Hazard-determining components of labelling:

cement portland, grey

Silicon dioxide (SiO2, Quartz flour in a dry product)

calcium dihydroxide

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

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H335 May cause respiratory irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

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

P302+P352 IF ON SKIN: Wash with plenty of water.

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.

P362 Take off contaminated clothing.

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: Ready-mixed mortar with Portland cement

Dangerous components:		
CAS: 14808-60-7 EINECS: 238-878-4	Silicon dioxide (Quartz sand) substance with a Community workplace exposure limit	25-50%
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 %	25-50%
CAS: 1305-62-0 EINECS: 215-137-3 Reg.nr.: 01-2119475151-45- xxxx	calcium dihydroxide Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335	10-20%
CAS: 14808-60-7 EINECS: 238-878-4	Silicon dioxide (SiO2, Quartz flour in a dry product) STOT RE 1, H372	2-5%
CAS: 68475-76-3 EINECS: 270-659-9 Reg.nr.: 01-2119486767-17- xxxx	Flue dust, portland cement Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	≥0.1-<1%

SVHC Void

Additional information

The mixture is "low chromate" according to the Regulation (EC) No 1272/2008 within the product shelf-life, so that the classification with H317 is not applicable, when the packing was not opened in the meantime.

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

SECTION 4: First aid measures

4.1 Description of first aid measures

General information Immediately remove any clothing soiled by the product.

After inhalation Supply fresh air; consult doctor in case of complaints.

After skin contact

Immediately wash with water and soap and rinse thoroughly.

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If skin irritation continues, consult a doctor.

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After eye contact

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

After swallowing

Rinse out mouth with water. Do not induce vomiting. Seek medical attention and present this data sheet.

Information for doctor None

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

Use fire extinguishing methods suitable to surrounding

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Protective equipment: Use methods suitable to surrounding conditions.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Avoid formation of dust.

Ensure adequate ventilation.

6.2 Environmental precautions:

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

- 6.3 Methods and material for containment and cleaning up: Pick up mechanically.
- **6.4 Reference to other sections** See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Prevent formation of dust.

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

Requirements to be met by storerooms and receptacles:

Store only in unopened original receptacles.

Store in a cool location.

Information about storage in one common storage facility:

Store away from foodstuffs.

Do not store together with acids.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Protect from humidity and water.

Recommended storage temperature: 5-30°C.

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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: 1305-62-0 calcid			
Inhalative Derived No	Effect Level 4 mg/m³ (worker local short term value)		
	1 mg/m³ (worker local long term value)		
	1 mg/m³ (consumer local long term value)		
	4 mg/m³ (consumer local short term value)		
PNECs			
CAS: 1305-62-0 calci	ım dihydroxide		
Predicted No Effect Co	ncentration 9.32 mg/l (sea water rating factor)		
	0.49 mg/l (fresh water rating factor)		
CAS No. Designati	on of material % Type Value Unit		
CAS: 14808-60-7 Silic	on dioxide (Quartz sand)		
BOELV (European Un	on) Long-term value: 0.1* mg/m³		
	*respirable fraction		
MAK (Germany)	Long-term value: 0.05 mg/m³		
O) / (D	alveolengängige Fraktion		
GV (Denmark)	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)	Long-term value: 0.025 mg/m³	
VLE (Portugal)	Long-term value: 0.025 mg/m³		
OFI (0do.m)	Resp.;A2; fibrose pulmonar; cancro do pulmão		
OEL (Sweden)	C, M, respirabel fraktion	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		
CAS: 65997-15-1 cem			
AGW (Germany)	Long-term value: 5 E mg/m³ DFG		
LEP (Spain)	Long-term value: 4 mg/m³		
	fracción respirable: e, d		
TWA (Italy)	Long-term value: 1 mg/m³ (e, j), A4		
VLE (Portugal)	Long-term value: 1 mg/m³ Fração resp.;A4,função pulm.,sintomas resp.,asma		
HTP (Finland)	Long-term value: 5* 1** mg/m³		
(1	*hengittyvä pöly, **alveolijae		
CAS: 1305-62-0 calcid	um dihydroxide		
IOELV (European Unio			
	Long-term value: 1 mg/m³		
	Respirable fraction	(Contd. on pag	



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AGW (Germany)	Long-term value: 1E mg/m³ 2(I);Y, EU, DFG	
GV (Denmark)	Long-term value: 5 1* mg/m³ E; *respirabel fraktion	
LEP (Spain)	Long-term value: 4 mg/m³, 1 ppm fracción resp., VLI, d	
TWA (Italy)	Long-term value: 5 mg/m³	
VL (Italy)	Short-term value: 4* mg/m³ Long-term value: 1* mg/m³ *frazione toracica	
VLE (Portugal)	Long-term value: 5 mg/m³ Irritação ocular, do TRS, cutânea	
OEL (Sweden)	Short-term value: 4 mg/m³ Long-term value: 1 mg/m³	
HTP (Finland)	Short-term value: 4 mg/m³ Long-term value: 1 mg/m³	
CAS: 14808-60-7 Silicon	dioxide (SiO2, Quartz flour in a dry product)	
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)	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	

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

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.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

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:

Use suitable respiratory protective device in case of insufficient ventilation.

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.

Short term filter device:

Filter P2.

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Hand protection

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

Nitrile impregnated cotton gloves complying with the standard EN 374-1.

Recommended thickness of the material: ≥ 0.15 mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

Breakthrough time: > 480 min Value for the permeation: Level \leq 6

The exact breaktrough time has to be found out by the manufacturer of the protective gloves and

has to be observed.

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.Flash point:Not applicable

Auto-ignition temperature: Product is not selfigniting.

Decomposition temperature: Not determined. PH at 20 °C > 12.0 (DIN 19261)

In water

Viscosity:

Kinematic viscosity dynamic:Not applicable.

Not applicable.

Solubility

Water at 20 °C: 1.5 g/l Zement

Partition coefficient n-octanol/water (log

Vapour pressure:Not determined.
Not applicable.

Density and/or relative density

Density:Not applicable.Bulk density:Not determined.Vapour densityNot applicable.Particle characteristicsSee item 3.

9.2 Other information None.

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Appearance:

Form: Powder

Important information on protection of health

and environment, and on safety.

Ignition temperature: Not determined.

Explosive properties: Product does not present an explosion hazard.

Minimum ignition energy

Solvent content:

 Organic solvents:
 0.0 %

 EU-VOC (%)
 0.00 %

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

 Solids content:
 100.0 %

Change in condition Softening point/range

Oxidising propertiesNot determined.Evaporation rateNot 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 **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

Thermal decomposition / Conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

Reacts with light alloys in the presence of moisture to form hydrogen

- **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.

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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:

Compo	nents	Туре	Value	Species
CAS: 65	997-1	5-1 cement portland, grey	•	
Dermal	LD50	>2,000 mg/kg (Rabbit)		
CAS: 13	CAS: 1305-62-0 calcium dihydroxide			
Oral	LD50	>2,000 mg/kg (Rat)		
Dermal	LD50	>2,500 mg/kg (Rabbit)		

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation Causes serious eye damage.

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

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

May cause respiratory irritation.

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure.

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: 1305-6	CAS: 1305-62-0 calcium dihydroxide		
LC50/96h	158 mg/l (Daphnia magna)		
	>50.6 mg/l (Fish)		
EC50/48h	49.1 mg/l (Daphnia magna)		
EC50/72h	184.57 mg/l (Algae)		
NOEC (14d)	32 mg/l (Daphnia magna)		

12.2 Persistence and degradability No further relevant information available.

Other information: The product is not easily biodegradable.

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 No further relevant information available.

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Remark:

The product contains substances which causes severe clouding in water

The product contains substances which cause a local pH change and thus have a detrimental effect on fish and bacteria.

Behaviour in sewage processing plants:

Type of test Effective concentration Method Assessment

CAS: 1305-62-0 calcium dihydroxide

EC 50 (3h) 300.4 mg/l (Activated sludge)

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

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.

	wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
10 13 14	waste concrete and concrete sludge

Uncleaned packaging:

Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Recommended cleaning agent:

Water, if necessary together with cleansing agents.

Thoroughly shake out sacks.

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, 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 Maritime transport in bulk accordi	ing to Not applicable.	

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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

Under the conditions of conservation, the reducing agent used keeps the content of soluble chromium (VI) below 2 ppm until the expiration date indicated.

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.

National regulations

Information about limitation of use:

Employment restrictions concerning pregnant and lactating women must be observed.

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 eve damage.

H335 May cause respiratory irritation.

Causes damage to organs through prolonged or repeated exposure. H372

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

Department issuing SDS: Product safety department.

Contact: Produktsicherheit@sg-weber.de; tel. +49(0)2363/399-210

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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 relatif au transport international 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

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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)

PNEC: Predicted No-Effect Concentration (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

Skin Sens. 1: Skin sensitisation - Category 1

STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

* 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.