

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 07.12.2022

Version number 3 (replaces version 2)

Revision: 07.12.2022

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

1.1 Product identifier Trade name weber 3100 Fine Levelling Screed

Safety data sheet no.: 358P0504 1.2 Relevant identified uses of the substance or mixture and uses advised against Application of the substance / the mixture Construction chemicals Filler and surfacer

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 DL-productsafety.fi@saint-gobain.com www.fi.weber **1.4 Emergency telephone number:** 0800 147 111 (toll-free) 09 471 977 (standard rate) Finnish Poison Information Centre

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 Skin Irrit. 2 H315 Causes skin irritation.

Skin IIII. 2 H315 Causes skin IIIIalion.

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**



Signal word Danger

Hazard-determining components of labelling:cement portland, greyHazard statementsH315 Causes skin irritation.H318 Causes serious eye damage.Precautionary statementsP102Keep out of reach of children.P261Avoid breathing dust.

(Contd. on page 2)

⁻ EUG

according to 1907/2006/EC, Article 31

Version number 3 (replaces version 2)

Revision: 07.12.2022

(Contd. of page 1)

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.
P310 Immediately call a POISON CENTER/doctor.

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

2.3 Other hazards

The product contains silica sand with less than 1% of fine fraction and therefore is not classified as hazardous; however, pay attention when handling and follow the indications relating to personal protective equipment.

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

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: 1317-65-3 EINECS: 215-279-6	calcium carbonate substance with a Community workplace exposure limit	50-75%
CAS: 14808-60-7 EINECS: 238-878-4	Silicon dioxide (Quartz sand) substance with a Community workplace exposure limit	5-10%
CAS: 7778-18-9 EINECS: 231-900-3 Reg.nr.: 01-2119444918-26-xxxx	calcium sulphate, different hydrate levels CaSO4 x n H2O (n = 0; 1/2; 2) substance with a Community workplace exposure limit	5-10%
CAS: 65997-15-1 EINECS: 266-043-4	cement portland, grey	2-5%

SVHC Void

Additional information

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

The product contains silica sand composed of quartz (crystalline silica) with a fine fraction below 1%. The respirable fraction has an occupational exposure limit value (cf. section 8). 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 and to be sure call for a doctor. After skin contact

Immediately wash with water and soap and rinse thoroughly.

(Contd. on page 3)



EUG

according to 1907/2006/EC, Article 31

Version number 3 (replaces version 2)

Revision: 07.12.2022

(Contd. of page 2)

Trade name weber 3100 Fine Levelling Screed

If skin irritation continues, consult a doctor.

After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult a 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.

4.2 Most important symptoms and effects, both acute and delayed

This powder (wet or dry) may cause irritation or potentially irreversible serious injury on contact with the eyes. Prolonged contact with moist skin (due to e.g. sweat or humidity) can cause skin irritation

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.

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

Avoid formation of dust.

Wear protective clothing.

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:

The dry powder and the fresh product is removed with water. The hardened product is removed 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

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 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.

(Contd. on page 4)



Safety Data Sheet according to 1907/2006/EC, Article 31

Version number 3 (replaces version 2)

(Contd. of page 3)

Trade name weber 3100 Fine Levelling Screed

Further information about storage conditions: Store in dry conditions. 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

DNELs				
CAS: 659	97-16-2 Cemer	it, alumin	a, chemicals	
Inhalative Derived No Effect Leve		ect Level	2.5 mg/m ³ (worker systemic long term value)	
			5 mg/m³ (worker systemic short term value)	
CAS: 777	8-18-9 calcium	sulphate	, different hydrate levels CaSO4 x n H2O (n = 0; 1/2; 2)	
Oral	Derived No Eff	ect Level	1.52 mg/kgxday (consumer systemic long term value)	
			11.4 mg/kgxday (consumer systemic short term value)	
Inhalative	Derived No Eff	ect Level	21.17 mg/m ³ (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/m ³ (consumer systemic short term value)	
CAS	lo. / Designatio	on of mat	erial / % / Type / Value / Unit	
CAS: 131	7-65-3 calcium	carbona	te	
TWA (Italy	/)		rm value: 10 mg/m³	
		(e)		
	08-60-7 Silicon		· · · · · · · · · · · · · · · · · · ·	
BOELV (European Union) Long-ter *respira			rm value: 0.1^ mg/m³ ble fraction	
MAK (Germany) Long-te alveoler		Long-ter	rm value: 0.05 mg/m³ ngängige Fraktion	
GV (Denm	nark)		rm value: 0.6* 0.2** mg/m³	
to			rm value: 0.3 0.1** mg/m³	
			total, respirabel, EK	
LEP (Spai	ii <i>)</i>		rm value: 0.05 mg/m³ on resp:n,d,y	
TWA (Italy) Long-ter			rm value: 0.025 mg/m³	
VLE (Port	ual)	,	rm value: 0.025 mg/m³	
,	0,	Resp.;A	2; fibrose pulmonar; cancro do pulmão	
OEL (Swe	den)	Long-te C, M, re	rm value: 0.1 mg/m³ spirabel fraktion	
HTP (Finla	and)		rm value: 0.05 0.1* mg/m³ ie;*sitovat raja-arvot, pöly	
CAS: 777	8-18-9 calcium	-	, different hydrate levels CaSO4 x n H2O (n = 0; 1/2; 2)	
AGW (Ge			rm value: 6 A mg/m ³	



Printing date 07.12.2022

Revision: 07.12.2022

EUG

according to 1907/2006/EC, Article 31

Version number 3 (replaces version 2)

Revision: 07.12.2022

Printing date 07.12.2022

JWe

Trade name weber 3100 Fine Levelling Screed

	(Contd. of page 4)
LEP (Spain)	Long-term value: 10 mg/m ³
	e
TWA (Italy)	Long-term value: 10 mg/m³ (i)
VLE (Portugal)	Long-term value: 10 mg/m³ Fração inalável; Sintomas nasais
CAS: 65007 15 1 comont	
CAS: 65997-15-1 cement	
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 *hengittyvä pöly, **alveolijae

8.2 Exposure controls

Individual protection measures, such as personal protective equipment General protective and hygienic measures:

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 when high

concentrations are present.

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

The hands must be cleaned from the powder before putting on the gloves.

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the mixture. **Eye/face protection** Safety glasses.

Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemica General Information	I properties				
Colour:	Grey				
Odour:	Specific type				
Odour threshold:	Not determined.				
Boiling point or initial boiling point and boiling					
range	Undetermined.				
Flammability	Product is not flammable.				



Safety Data Sheet according to 1907/2006/EC, Article 31

Version number 3 (replaces version 2)

Revision: 07.12.2022

Trade name weber 3100 Fine Levelling Screed

	(Contd. of pag
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	Not applicable
Ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
pH at 20 °C	<11
Viscosity:	
Kinematic viscosity	Not determined.
dynamic:	Not determined.
Solubility	
Water:	Miscible
Partition coefficient n-octanol/water (log va	lue) Not determined.
Vapour pressure:	Not applicable.
Density and/or relative density	
Density at 20 °C:	1.4-1.6 g/cm³
Vapour density	Not applicable.
Particle characteristics	See item 3.
9.2 Other information	No further relevant information available.
Appearance: Form:	Powder
-	
Important information on protection of hea	aitii
and environment, and on safety.	Dreduct doop not propert on evaluation be-
Explosive properties:	Product does not present an explosion hazard.
Minimum ignition energy	
Solvent content:	0.0.0/
Organic solvents:	0.0 %
EU-VOC (g/L)	100.9/
Solids content:	100 %
Change in condition	
Softening point/range	
Oxidising properties	Not determined.
Evaporation rate	Not applicable.
Information with regard to physical haz	ard
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	. 514
flammable gases in contact with water	Void
Oxidising liquids	Void
	(Contd. on pag



according to 1907/2006/EC, Article 31

Version number 3 (replaces version 2)

Revision: 07.12.2022

Trade name weber 3100 Fine Levelling Screed

		(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 When mixed with water the product hardens forming a stable non-reactive mass.

10.2 Chemical stability Stable at recommended storage conditions

10.3 Possibility of hazardous reactions No dangerous reactions known

10.4 Conditions to avoid

Avoid water ingress/moisture during storage (the product will react with moisture and harden).

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:

CAS: 659 Oral L Dermal L CAS: 7777 Oral L Oral S Oral CAS: 659		3 calciur	<u>~ ~ ~ r</u>							Species
CAS: 659 Oral L Dermal L CAS: 7777 Oral L Oral S Oral CAS: 659			n car	bonate	•					
Oral L Dermal L CAS: 777 Oral L CAS: 659	_D50	>5,000 n	ng/kg	(Rat)						
Dermal L CAS: 777 Oral L CAS: 659	997-16	-2 Ceme	nt, al	umina	, C	hen	nicals	s		
CAS: 777 Oral L CAS: 659	_D50	>2,000 n	ng/kg	(Rat)						
Oral L CAS: 659	_D50	>2,000 n	וg/kg	(Rat)						
CAS: 659	78-18-	9 calciur	n sulj	phate,	dif	fere	ent h	ydra	ate l	levels CaSO4 x n H2O (n = 0; 1/2; 2)
	_D50	>2,000 n	ng/kg	(Rat)						
Dermal I	997-15	-1 ceme	nt po	rtland	, gr	ey				
Bonnar	_D50	>2,000 n	ng/kg	(Rabbi	t)					
Skin corr			'n							
Causes sl										
Serious e Causes se				on						
				ation I	Bas	sed	on av	/ailal	ble (data, the classification criteria are not met.
•	-									classification criteria are not met.
Carcinog	jenici '	y Based	on av	vailable	e da	ata,	the c	lassi	ifica	ation criteria are not met.
Reproduc	ctive	toxicity	Based	l on av	aila	able	data	, the	cla	assification criteria are not met.
STOT-sin	ngle e	xposure	Base	d on a	vai	lable	e data	a, th	e cl	classification criteria are not met.
										e classification criteria are not met.
Aspiratio	n haz	ard Back	ad on	availat	ble	data	a. the	e clas	ssifi	fication criteria are not met.
	JII 11a2	alu Daso	eu on	availai			,			(Contd. on pa



according to 1907/2006/EC, Article 31

Version number 3 (replaces version 2)

Revision: 07.12.2022

Trade name weber 3100 Fine Levelling Screed

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Not classified as harmful to aquatic life

Type of test / Effective concent	tration / 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))

12.2 Persistence and degradability The product is not biodegradable.

12.3 Bioaccumulative potential Does not accumulate in organisms

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.

Remark:

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: 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



(Contd. of page 7)

according to 1907/2006/EC, Article 31

Version number 3 (replaces version 2)

Revision: 07.12.2022



Trade name weber 3100 Fine Levelling Screed

(Contd. of page 8)

Additional ecological information:

General notes:

Printing date 07.12.2022

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

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.

Waste disposal key:

The classification in a waste code according to the european waste catalogue (EWC) is to be made in accordance with the regional responsable for waste disposal

European waste catalogue					
17 01 01	concrete				
16 03 03*	inorganic wastes containing hazardous substances				
10 13 11	wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10				

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

Recommended cleaning agent: Thoroughly shake out sacks.

SECTION 14: Transport informat	tion
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 according IMO instruments	ng to Not applicable.
Transport/Additional information:	Not dangerous according to the above specifications.
UN "Model Regulation":	Void

(Contd. on page 10)

FUG

according to 1907/2006/EC, Article 31

Version number 3 (replaces version 2)

Revision: 07.12.2022

Trade name weber 3100 Fine Levelling Screed

(Contd. of page 9)

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)

Regulation (EU) 2020/878 (amending REACH Annex II on the compilation of safety data sheets) Cement clinker is exempted from REACH registration (REACH Article 2(7)(b) and Annex V point 10)

Directive 2012/18/EU

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

REGULATION (EC) No 1907/2006 ANNEX XVII

The marketing and use of cement is subject to a restriction on the content of soluble Cr (VI) (REACH Annex XVII point 47 Chromium VI compounds)

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.

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	Expert judgement				
	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.				
	(Contd. on page 11)				



Safety Data Sheet according to 1907/2006/EC, Article 31

Printing date 07.12.2022

Version number 3 (replaces version 2)

Revision: 07.12.2022

Trade name weber 3100 Fine Levelling Screed

(Contd. of page 10)

(Contd. of page 10)	
Department issuing SDS:	
Saint-Gobain Finland Oy / Weber	
QEHS	
P.O.Box 70 (Strömberginkuja 2)	
FI-00381 Helsinki	
Tel. +358-(0)10-44 22 00	
Fax +358-(0)10-44 22 520	
Version number of previous version: 2	
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)	
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	
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	

