

according to 1907/2006/EC, Article 31

Printing date 15.03.2024

Version number 2

Revision: 15.03.2024

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

1.1 Product identifier Trade name: Boden-Ausgleichsmasse 1-40 mm (DIY)

Safety data sheet no.: 49PB21439 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 GmbH
Schanzenstr. 84
D-40549 Düsseldorf
+49(0)211/91369-0
e-mail: Produktsicherheit@sg-weber.de
1.4 Emergency telephone number:
Emergency medical information in case of poisoning:
Poison Information Centre Mainz - Tel.: +49 (0) 6131 19240 (advice in German or English)

SECTION 2: Hazards identification

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

GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.

GHS07

Skin Irrit. 2 H315 Causes skin 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



Signal word Danger

Hazard-determining components of labelling:
cement portland, grey
Hazard statements
H315 Causes skin irritation.
H318 Causes serious eye damage.Precautionary statements
P101If medical advice is needed, have product container or label at hand.

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Keep out of reach of children.
Read carefully and follow all instructions.
Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN: Wash with plenty of water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact
lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor.
Take off contaminated clothing.
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.

Determination of endocrine-disrupting properties Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description:

Ready-mixed mortar with Portland cement Ready-mixed mortar with high alumina 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: 1317-65-3 EINECS: 215-279-6	calcium carbonate substance with a Community workplace exposure limit	25-50%
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 Èye 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 % 	2-5%
CAS: 68475-76-3 EINECS: 270-659-9 Reg.nr.: 01-2119486767-17-xxxx	Flue dust, portland cement Eve 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 shelflife, 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.

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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.

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

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 conditions.

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.

Ensure adequate ventilation.

Avoid formation of dust.

- 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

Keep receptacles tightly sealed.

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.

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Information about storage in one common storage facility: Do not store together with acids. Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Protect from humidity and water.

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

	•	umina, chemicals
nnalative	Derived No Effect	Level 2.5 mg/m³ (worker systemic long term value)
		5 mg/m³ (worker systemic short term value)
		phate, 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)
nhalative	Derived No Effect	Level 21.17 mg/m³ (worker systemic long term value)
		5,082 mg/m ³ (worker systemic short term value)
		5.29 mg/m ³ (consumer systemic long term value)
		3,811 mg/m ³ (consumer systemic short term value)
CAS: 684	75-76-3 Flue dust,	portland cement
nhalative	nhalative Derived No Effect Level 4 mg/m³ (worker local short term value)	
		0.84 mg/m ³ (worker local long term value)
		0.84 mg/m ³ (consumer local long term value)
		4 mg/m ³ (consumer local short term value)
PNECs		
CAS: 659	97-16-2 Cement, al	umina, chemicals
Predicted	No-Effect Concentr	ation 260 mg/l (fresh water rating factor)
CAS: 684	75-76-3 Flue dust,	portland cement
Predicted	No-Effect Concentr	ation 0.028 mg/l (sea water rating factor)
		0.282 mg/l (fresh water rating factor)
CAS	Io. / Designation o	f material / % / Type / Value / Unit
		xide (Quartz sand)
BOELV (E		ng-term value: 0.1* mg/m³ espirable fraction
MAK (Ger		/eolengängige Fraktion
GV (Denm	• ·	nort-term value: 0.6* 0.2** mg/m ³
		ng-term value: 0.3* 0.1** mg/m ³
		otal;,**total, respirabel: K

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LEP (Spain)	Contd. of pag Long-term value: 0.05 mg/m ³
	*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
CAS: 1317-65-3 calci	um carbonate
TWA (Italy)	Long-term value: 10 mg/m³ (e)
CAS: 7778-18-9 calci	ium sulphate, different hydrate levels CaSO4 x n H2O (n = 0; 1/2; 2)
MAK (Germany)	Long-term value: 4E** mg/m³ alveoleng.: Abschn.IIIb.*einatembar:Abschn.Vf)/g)
LEP (Spain)	Long-term value: 10 mg/m³ e
TWA (Italy)	Long-term value: 10 mg/m³ (i)
VLE (Portugal)	Long-term value: 10 mg/m³ Fração inalável; Sintomas nasais
CAS: 65997-15-1 cen	nent portland, grey
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

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 section 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. (Contd. on page 6)

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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. 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: > 0.4 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 < 6The exact breaktrough time has to be found out by the manufacturer of the protective gloves and has to be observed. **Eve/face protection** Tightly sealed goggles Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and General Information		
Colour:	According to product specification	
Odour:	Characteristic	
Odour threshold:	Not determined.	
Melting point/freezing point:	Undetermined.	
Boiling point or initial boiling point ar	nd 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:	Not determined.	
Decomposition temperature:	Not determined.	
pH at 20 °C	> 12.0 (DIN 19261)	
	In water	
Viscosity:		
Kinematic viscosity	Not applicable.	
dynamic:	Not applicable.	
Solubility		
Water at 20 °C:	1.5 g/l	



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Partition coefficient n-octanol/water (log va	
Vapour pressure:	Not applicable.
Density and/or relative density	
Density:	Not applicable.
Bulk density:	Not determined.
Vapour density	Not applicable.
Particle characteristics	
See section 3.	
9.2 Other information	None.
Appearance:	
Form:	Powder
Important information on protection of he	alth
and environment, and on safety.	
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:	100.0 %
Change in condition	
Softening point/range	
Oxidising properties	Not determined.
Evaporation rate	Not applicable.
Information with regard to physical haz	zard
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

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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.

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:

Compor	nents	/ Type / Value / Species	
CAS: 13	17-65-3 cal	cium carbonate	
Oral	LD50	>5,000 mg/kg (Rat)	
CAS: 65	997-16-2 Ce	ement, alumina, chemicals	
Oral	LD50	>2,000 mg/kg (Rat)	
Dermal	LD50	>2,000 mg/kg (Rat)	
CAS: 77	78-18-9 cal	cium sulphate, different hydrate levels CaSO4 x n H2O (n = 0; 1/2; 2)	
Oral	LD50	>2,000 mg/kg (Rat)	
CAS: 65	997-15-1 ce	ment portland, grey	
Dermal	LD50	>2,000 mg/kg (Rabbit)	
CAS: 68	475-76-3 FI	ue dust, portland cement	
Oral	LD50	>2,000 mg/kg (Rat)	
Dermal	LD50	>2,000 mg/kg (Rat)	
Inhalativ	e LC50/4 h	6.04 mg/l (Rat)	
Skin co	rrosion/irrit	ation	
	skin irritatior		
	eye damag		
	serious eye		
		sensitisation Based on available data, the classification criteria are not met.	
		icity Based on available data, the classification criteria are not met.	
		sed on available data, the classification criteria are not met.	
Reprodu	Reproductive toxicity Based on available data, the classification criteria are not met.		
STOT-si	ingle expos	ure Based on available data, the classification criteria are not met.	
STOT-re	epeated exp	osure Based on available data, the classification criteria are not met.	
Aspirati	on hazard E	Based on available data, the classification criteria are not met.	
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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.

•	/ Effective concentration / Method / Assessment
	5-3 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)
EC50/24h	6.4 mg/l (aquatic invertebrates)
EC50/48h	5.4 mg/l (aquatic invertebrates)
EC50/72h	3.6 mg/l (aquatic algae and cyanobacteria)
NOEC (72h)	2.6 mg/l (aquatic algae and cyanobacteria)
NOEC (48h)	3.4 mg/l (aquatic invertebrates)
CAS: 7778-1	8-9 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	79-2,980 mg/l (Fish)
EC50/72h	>79 mg/l (Selenastrum capricornutum (Green algae))
CAS: 68475-	76-3 Flue dust, portland cement
EC50/72h	28.2 mg/l (aquatic algae and cyanobacteria)
NOEC (96h)	11.1 mg/l (Fish)
NOEC (48h)	100 mg/l (aquatic invertebrates)
EC 10	10.3 mg/l (Algae)
	425 mg/l (microorganisms)
Other inform 12.3 Bioaccu 12.4 Mobility 12.5 Results PBT: Does n vPvB: Does 12.6 Endocri The product of 12.7 Other a Remark: The product of	ence and degradability No further relevant information available. nation: The product is not easily biodegradable. umulative potential No further relevant information available. y in soil No further relevant information available. of PBT and vPvB assessment not contain PBT substances. not contain vPvB substances. ine disrupting properties does not contain substances with endocrine disrupting properties. dverse effects No further relevant information available. contains substances which causes severe clouding in water contains substances which cause a local pH change and thus have a detrimental effect on eria. (Contd. on page 10)



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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 (microorganisms)

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)

CAS: 68475-76-3 Flue dust, portland cement

EC 50 (3h) 596 mg/l (microorganisms)

Remark: The product causes a significant pH change. Neutralise before introduction. 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

After hardening, the product can be treated together with construction waste, in accordance with national and/or local regulations. Possible waste code 17 09 04.

European waste catalogue

10 13 11 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	Void	
ADR, ADN, IMDG, IATA	volu	
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.	



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14.6 Special precautions for user	Not applicable.
14.7 Maritime transport in bulk accordi IMO instruments	ng to 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) Regulation (EU) 2020/878 (amending REACH Annex II on the compilation of safety data sheets) Labelling according to Regulation (EC) No 1272/2008 cf. section 2

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 Entry no. 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. This Safety Data Sheets is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

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Relevant phrases

The following list of relevant hazard statements is the full text of hazard statements mentioned elsewhere in this safety data sheet (in particular in the section 3) and is reported as required by the Regulation (EC) No 1907/2006 (REACH), Annex II, and the following amendments (Regulation (EU) 2020/878). The statements mentioned here do not refer to the product itself, but refer to the individual ingredients in the products, and are provided for information.

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

Department issuing SDS: Product safety department.

Contact: Produktsicherheit@sg-weber.de

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 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 * 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.