

Trade name **Weberfloor 560**

## 1 IDENTIFICATION OF HAZARDOUS CHEMICAL AND OF THE SUPPLIER

### Product identifier

Trade name **Weberfloor 560**

**Safety Data Sheet No.:** XXP016715

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

No further relevant information available.

**Application of the substance/ mixture:** Levelling material

### Details of the supplier of the safety data sheet

#### Manufacturer/Supplier:

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## 2 HAZARDS IDENTIFICATION

### Classification of the substance or mixture



Eye Dam. 1                      H318                      Causes serious eye damage



Skin Irrit. 2                      H315                      Causes skin irritation  
Skin Sens. 1                      H317                      May cause an allergic skin reaction

### Label elements

#### GHS label elements

The product is classified and labelled according to the Global Harmonised System (GHS).

Hazard pictograms

#### Hazard Pictograms



GHS05 – GHS07

**Signal Word**                      Danger

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**Hazard-determining components of labelling:** Portland cement, grey

**Hazard statements**

H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H317 May cause allergic skin reaction.

**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.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P501 Dispose of contents/container in accordance with local/ regional/ national/ international regulations.

**Other hazards**

**Results of PBT and vPvB assessment**

PBT: Does not contain PBT substances.  
vPvB: Does not contain vPvB substances.

**3 COMPOSITION AND INFORMATION OF THE INGREDIENTS**

**Chemical characterization:** Mixtures

**Description:** Mixture of substances listed below with non-hazardous additions.

<b>Dangerous components:</b>		
CAS: 14808-60-7 EINECS: 238-878-4	Portland Cement, Grey Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	25-50%
CAS: 12004-14-7 EINECS: 234-448-5	Hexacalcium hexaoxotris[sulphato(2-)]dialuminate(12-) ⚠ Skin Irrit. 2, H315; STOT SE 3, H335	10-20%
CAS: 7778-18-9 EINECS: 231-900-3	calcium sulphate, natural	5-10%
CAS: 471-34-1 EINECS: 207-439-9	calcium carbonate	2-5%
CAS: 65997-15-1 EINECS: 266-043-4	Cement, portland, chemicals ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 1 % Eye Dam. 1; H318: C ≥ 1 %	1%

**SVHC:** Void

**Additional Information:** For the wording of the listed hazard phrases refer to section 16.

**4 FIRST AID MEASURES**

**Description of first air measures**

**General information**

Take affected persons out into the fresh air.  
Immediately remove any clothing soiled by the product.  
Remove victim immediately from dangerous area. If the patient is unwell, consult a doctor and present this data sheet.

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**After inhalation**

Seek medical treatment in case of complaints.  
In case of unconsciousness, place patient stably in side position for transportation.

**After skin contact**

Immediately wash with water and soap. Rinse thoroughly.  
If skin irritation persists, consult a doctor.

**After eye contact**

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

**After swallowing**

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

**Information for doctor/s**

**Most important symptoms and effects, both acute and delayed**

No further relevant information available.

**Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

**5 FIRE-FIGHTING MEASURES**

**Extinguishing media**

**Suitable extinguishing agents**

The product is not combustible. Use fire extinguishing methods suitable to surrounding conditions.

**Special hazards arising from the substance or mixture**

No further relevant information available.

**Protective equipment**

Wear fully protective suit. Do not inhale explosion gases or combustion gases. Use methods suitable to surrounding conditions.

**6 ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.  
Avoid contact with skin and eyes.  
Avoid formation of dust.  
Use respiratory protective device against the effects of fumes/dust/aerosol.

**Environmental precautions**

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

**Methods and material for containment and clean up**

Pick up mechanically. Ensure adequate ventilation.  
Dispose of contaminated material as waste according to item 13.

**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.

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## 7 HANDLING AND STORAGE

### Handling

#### Precautions for safe handling

Avoid contact with skin and eyes.  
Prevent formation of dust.  
Keep receptacles tightly sealed.  
Ensure good ventilation/exhaustion at the workplace.

**Information about fire and explosion protection:** The product is not flammable.

#### Conditions for safe storage, including any incompatibilities

##### Storage

#### Requirements to be met by storerooms and receptacles:

Insure sufficient ventilation for storage and work areas.  
Store only in unopened original receptacles.

#### Information about storage in one common storage facility:

Store away from foodstuffs. Store away from water.

#### Further information about storage conditions:

Store in cool, dry conditions in well-sealed receptacles.  
Protect from humidity and water.  
Keep container tightly sealed.

#### Specific end use(s)

No further relevant information available.

## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Additional information about design of technical facilities:** No further data; see item 7.

### Control parameters

#### Ingredients with limit values that require monitoring at the workplace:

DNELs		
<b>CAS: 12004-14-7 Hexacalcium hexaoxotris[sulphato(2-)]dialuminate(12-)</b>		
Oral	Derived No Effect Level	15.2 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	10 mg/m <sup>3</sup> (worker systemic long term value) 5 mg/m <sup>3</sup> (consumer systemic long term value)
<b>CAS: 7778-18-9 calcium sulphate, natural</b>		
Oral	Derived No Effect Level	1.52 mg/kgxday (consumer systemic long term value) 11.4 mg/kgxday (consumer systemic short term value)
Inhalative	Derived No Effect Level	21.17 mg/m <sup>3</sup> (worker systemic long term value) 5,082 mg/m <sup>3</sup> (worker systemic short term value) 5.29 mg/m <sup>3</sup> (consumer systemic long term value) 3,811 mg/m <sup>3</sup> (consumer systemic short term value)
PNECs		
<b>CAS: 65996-69-2 Slags, ferrous metal, blast furnace</b>		
Predicted No-Effect Concentration		1,000 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration		500 mg/l (sea water rating factor) 5,000 mg/l (fresh water rating factor)
<b>CAS No. Designation of material % Type Value Unit</b>		
<b>CAS: 14808-60-7 Silicon dioxide (Quartz sand)</b>		

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PEL (Malaysia)	Long-term value: 0.1* mg/m <sup>3</sup> *Pecahan ternafaskan
PEL (USA)	Long-term value: 0.05* mg/m <sup>3</sup> *resp. dust; 30mg/m <sup>3</sup> /%SiO <sub>2</sub> +2
REL (USA)	Long-term value: 0.05* mg/m <sup>3</sup> *respirable dust; See Pocket Guide App. A
TLV (USA)	Long-term value: 0.025* mg/m <sup>3</sup> *respirable particulate matter, A2
<b>CAS: 7778-18-9 calcium sulphate, natural</b>	
PEL (Malaysia)	Long-term value: 10 mg/m <sup>3</sup>
PEL (USA)	Long-term value: 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m <sup>3</sup> *total dust **respirable fraction
TLV (USA)	Long-term value: 10* mg/m <sup>3</sup> *as inhalable fraction
<b>CAS: 471-34-1 calcium carbonate</b>	
PEL (USA)	Long-term value: 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m <sup>3</sup> *total dust **respirable fraction
TLV (USA)	TLV withdrawn
<b>CAS: 65997-15-1 Cement, portland, chemicals</b>	
PEL (Malaysia)	Long-term value: 10 mg/m <sup>3</sup>
PEL (USA)	Long-term value: 50 mppcf or 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m <sup>3</sup> *total dust **respirable fraction
TLV (USA)	Long-term value: 1* mg/m <sup>3</sup> E; *as respirable fraction, A4

**Additional Occupational Exposure Limit Values for possible hazards during processing:**

Quartz respirable dust (< 5 µm) : 0,15 mg/m<sup>3</sup>

**Additional information:**

The applicable TRGS 900 (MAK list) was used as the basis for the preparation and/or revision of this safety data sheet.

**Exposure Controls**

**Personal protective equipment**

**General protective and hygienic measures:**

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

Do not eat or drink while working.

Avoid close or long term contact with the skin.

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.

Provide adequate general ventilation and local process ventilation. Use local exhaust ventilation if necessary.

**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.

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Short term filter device: Filter P2.

**Protection of hands**

Protective gloves.

**Material of gloves**

Nitrile rubber, NBR.

**Eye protection**

Tightly sealed goggles.

**Body protection**

Protective work clothing.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

General Information	
<b>Appearance</b>	
Form:	Powder
Colour:	According to product specification
Odour:	Uncharacteristic.
Odour threshold:	Not determined
pH-value:	Alkaline
<b>Change in condition</b>	
Melting point/freezing point:	Undetermined
Initial boiling point and boiling range:	Undetermined
Flash point:	Not applicable
Flammability (solid, gas):	Product is not flammable
Ignition temperature:	Not determined
Decomposition temperature:	Not determined
Auto-ignition temperature:	Product is not self-igniting
Explosive properties:	Not determined
Explosion limits:	
Lower:	Not determined
Upper:	Not determined
Oxidising properties:	Not applicable
Vapour pressure:	Not applicable
Density:	Not determined
Vapour density:	Not applicable
Evaporation rate:	Not applicable
Solubility in / Miscibility with Water:	Miscible
Segregation coefficient (n-octanol/water) log Pow:	Not determined
Viscosity:	
Dynamic:	Not applicable
Kinematic:	Not applicable
Solvent content:	
EU-VOC (%)	0.0000 %
EU-VOC (g/L)	0.0000 g/l
Solids content:	100 %
Other information	No further relevant information available

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## 10 STABILITY AND REACTIVITY

### Reactivity

No further relevant information available.

### Chemical Stability

Stable at recommended storage conditions.

### Thermal decomposition

No decomposition if used according to specifications.

### Possibility of hazardous reactions

Reacts with acids.

### Conditions to avoid

No further relevant information available.

### Incompatible materials

No further relevant information available.

### Hazardous decomposition products

No dangerous decomposition products known.

## 11 TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Acute toxicity

#### LD/LC50 values relevant for classification:

Components	Type	Value	Species
CAS: 65996-69-2 Slags, ferrous metal, blast furnace	Oral	LD50 >2,000 mg/kg	Rat
	Dermal	LD50 >4,000 mg/kg	Rat
CAS: 12004-14-7 Hexacalcium hexaoxotris[sulphato(2-)]dialuminate(12-)	Oral	LD50 >2,000 mg/kg	Rat
	Dermal	LD50 >2,000 mg/kg	Rat
CAS: 7778-18-9 calcium sulphate, natural	Oral	LD50 >2,000 mg/kg	Rat
CAS: 65997-15-1 Cement, portland, chemicals	Dermal	LD50 >2,000 mg/kg	Rabbit

#### Primary irritant effect:

**Skin corrosion/irritation:** Irritant to skin and mucous membranes

**Serious eye damage/irritation:** Strong irritant with the danger of severe eye injury

**Respiratory or skin sensitisation:** Sensitisation possible through skin contact

#### Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version: Irritant

## 12 ECOLOGICAL INFORMATION

### Toxicity

**Aquatic Toxicity:** No further relevant information available

Type of test	effective concentration	Method	Assessment
CAS: 65996-69-2 Slags, ferrous metal, blast furnace			
LC50/96h	>100 mg/l	(Leuciscus idus (Orfe))	
LC0/96h	>100 mg/l	(Leuciscus idus (Orfe))	
EC50/72h	>90,000 mg/l	(Algae)	
NOEC (72h)	50-100 mg/l	(Algae)	

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NOEC (21d)	1,563 mg/l (Daphnia magna)
EC 0/48h	>100 mg/l (Daphnia magna)
<b>CAS: 12004-14-7 Hexacalcium hexaoxotris[sulphato(2-)]dialuminate(12-)</b>	
LC0/96h	83 mg/l (Fish)
EC50/48h	6.8-7.7 mg/l (Daphnia magna)
EC50/72h	4.8-47.4 mg/l (Algae)
<b>CAS: 7778-18-9 calcium sulphate, natural</b>	
LC50/48h	>79 mg/l (Daphnia magna)
LC50/96h	>79 mg/l (Oryzias latipes (Japanese medaka))
EC50/72h	>79 mg/l (Selenastrum capricornutum (Green algae))

**Persistence and degradability:** No further relevant information available.

**Behaviour in environmental systems:**

**Bioaccumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

**Ecotoxicological effects:**

**Behaviour in sewage processing plants:**

<b>Type of test effective concentration Method Assessment</b>	
<b>CAS: 65996-69-2 Slags, ferrous metal, blast furnace</b>	
EC 50 (3h)	>10,000 mg/l (Activated sludge)
<b>CAS: 12004-14-7 Hexacalcium hexaoxotris[sulphato(2-)]dialuminate(12-)</b>	
EC 50 (3h)	100 mg/l (Activated sludge)
<b>CAS: 7778-18-9 calcium sulphate, natural</b>	
EC 50 (3h)	>1,000 mg/l (Activated sludge)

**Additional ecological information:**

**General Notes:**

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

**Results of PBT and vPvB assessment:**

**PBT:** Does not contain PBT substances

**vPvB:** Does not contain vPvB substances

**Other adverse effects:** No further relevant information available.

### 13 DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Recommendation**

Dispose of the product in accordance with national and local regulations.

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

**Recommended Cleaning agent:** Thoroughly shake out sacks.

### 14 TRANSPORT INFORMATION

<b>UN-Number</b> ADR, AND, IMDG, IATA	Void
<b>UN Proper shipping name</b> ADR, AND, IMDG, IATA	Void
<b>Transport Hazard Class(es)</b> ADR, AND, IMDG, IATA Class	Void

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<b>Packing group</b> ADR, IMDG, IATA	Void
<b>Environmental Hazards:</b>	Not applicable
<b>Special precautions for user</b>	Not applicable
<b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable
<b>Transport/Additional Information</b>	
<b>ADR Remarks:</b>	Not classified as a dangerous goods for transport
<b>IMDG Remarks:</b>	Not classified as a dangerous goods for transport
<b>IATA Remarks</b>	Not classified as a dangerous goods for transport
<b>UN "Model Regulation":</b>	Void

### 15 REGULATORY INFORMATION

#### Safety, health and environmental regulations/legislation specific for the substance or mixture GHS label elements

The product is classified and labelled according to the Globally Harmonised System (GHS).



GHS05 GHS07

**Signal Word** Danger

**Hazard-determining components of labelling:** Cement, portland, chemicals

#### Hazard statements

H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H317 May cause allergic skin reaction.

#### 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.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P501 Dispose of contents/container in accordance with local/ regional/ national/ international regulations.

#### Directive 2012/18/EU

##### Named dangerous substances – ANNEX I

None of the ingredients is listed

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

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## 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.

**Department issuing SDS:** Technical Department

**Contact:**

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**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

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 is marked with asterisks.