

Safety data sheet

according to P.U.(A) 310/2013

Printing date 05.07.2018

Version number 1

Revision: 05.07.2018

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

Product identifierTrade name webertec WP slurry – Powder

Safety data sheet no.: XXP014166-b

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

No further relevant information available.

Application of the substance / the mixture Ready-to-use mortar**Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

Saint-Gobain Weber (M) Sdn Bhd

No. 29&31, Jalan TIAJ 2/1, Taman Industri Alam Jaya, 42300 Bandar Puncak Alam, Selangor D E

Tel: +603-60389094/9084 Fax: +603-60389507

Emergency telephone number: Tel.: +603-60389094/9084

2 Hazards identification

Classification of the substance or mixture

health hazard

STOT RE 1 H372 Causes damage to organs through prolonged or repeated exposure.



corrosion

Eye Dam. 1 H318 Causes serious eye damage.



Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause allergic skin reaction.

STOT SE 3 H335 May cause respiratory irritation.

Label elements**GHS label elements**

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

Hazard pictograms

GHS05 GHS07 GHS08

Signal word Danger**Hazard-determining components of labelling:**

cement grey

Siliciumdioxide (SiO₂, Quartz flour in a dry product)**Hazard statements**

H315 Causes skin irritation.

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H318 Causes serious eye damage.
 H317 May cause allergic skin reaction.
 H335 May cause respiratory irritation.
 H372 Causes damage to organs through prolonged or repeated exposure.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P103 Read label before use.
 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 and wash before reuse.
 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/information on ingredients

Chemical characterisation: Mixtures
Description: Mixture of substances listed below with non hazardous additions.

Dangerous components:

CAS: 65997-15-1 EINECS: 266-043-4	cement grey Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	25-50%
CAS: 14808-60-7 EINECS: 238-878-4	Siliciumdioxide (SiO ₂ , Quartz flour in a dry product) STOT RE 1, H372	25-50%
CAS: 471-34-1 EINECS: 207-439-9	calcium carbonate	2-5%

SVHC Void

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

4 First aid measures

Description of first aid measures
General information

Immediately remove any clothing soiled by the product.
 Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.

After inhalation Supply fresh air and to be sure call for a doctor.

After skin contact Immediately rinse with water.

After eye contact

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

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After swallowing

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

Information for doctor**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 Firefighting measures

Extinguishing media

Suitable extinguishing agents The product is not combustible.

Special hazards arising from the substance or mixture No further relevant information available.

Advice for firefighters

Protective equipment: No special measures required.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Avoid formation of dust.

Ensure adequate ventilation.

Environmental precautions: No special measures required.

Methods and material for containment and cleaning up:

Use neutralising agent.

Dispose of contaminated material as waste according to item 13.

Ensure adequate ventilation.

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.

7 Handling and storage

Handling**Precautions for safe handling**

Prevent formation of dust.

Keep receptacles tightly sealed.

Provide suction extractors if dust is formed.

Information about fire - and explosion protection: No special measures required.

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.

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Protect from humidity and water.

Specific end use(s) No further relevant information available.

8 Exposure controls/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:

CAS No.	Designation of material	%	Type	Value	Unit
CAS: 65997-15-1 cement grey					
PEL (Malaysia)	Long-term value:			10	mg/m ³
PEL (USA)	Long-term value:			50 mppcf or 15* 5**	mg/m ³
	*total dust **respirable fraction				
REL (USA)	Long-term value:			10* 5**	mg/m ³
	*total dust **respirable fraction				
TLV (USA)	Long-term value:			1*	mg/m ³
	E; *as respirable fraction				
CAS: 14808-60-7 Siliciumdioxide (SiO₂, Quartz flour in a dry product)					
PEL (Malaysia)	Long-term value:			0.1*	mg/m ³
	*Pecahan ternafaskan				
CAS: 471-34-1 calcium carbonate					
PEL (USA)	Long-term value:			15* 5**	mg/m ³
	*total dust **respirable fraction				
REL (USA)	Long-term value:			10* 5**	mg/m ³
	*total dust **respirable fraction				
TLV (USA)	TLV withdrawn				

Additional Occupational Exposure Limit Values for possible hazards during processing:
Total inhalable dust: 10 mg/m³Respirable dust (< 5 µm): 4 mg/m³
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.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes and skin.

Use a moisturising skin cream after processing the product.

Respiratory protection:

Short term filter device:

Filter P2.

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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Protection of hands: Protective gloves.**Material of gloves** Nitrile impregnated cotton gloves complying with the standard EN 374-1.**Eye protection:** Tightly sealed goggles**Body protection:** Protective work clothing.

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

Form:	Powder
Colour:	Grey
Odour:	Odourless
Odour threshold:	Not determined.

pH-value: Alkaline

Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Not applicable

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 selfigniting.

Explosive properties: Product does not present an explosion hazard.

Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

Oxidising properties Not determined.

Vapour pressure: Not applicable.

Density at 20 °C: 1.3 g/cm³ (DIN 51757)

Not applicable.

Relative density Not determined.

Vapour density Not applicable.

Evaporation rate Not applicable.

Solubility in / Miscibility with

Water: Hardens when in contact with water.

Segregation coefficient (n-octanol/water) log

Pow: Not determined.

Viscosity:

dynamic: Not applicable.

kinematic: Not applicable.

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Solvent content:	
Organic solvents:	0.0 %
EU-VOC	0.00 %
Solids content:	100.0 %
Other information	None.

10 Stability and reactivity

Reactivity No further relevant information available.

Chemical stability Stable at recommended storage conditions

Thermal decomposition / Conditions to be avoided:

No decomposition if used according to specifications.

Possibility of hazardous reactions

Reacts with acids

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

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: 65997-15-1 cement grey			
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.

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.

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Ecotoxicological effects:**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.

Additional ecological information:

General notes: Must not reach sewage water or drainage ditch undiluted or unneutralised.

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**

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.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

Recommended cleaning agent:

Water, if necessary together with cleansing agents.

Thoroughly shake out sacks.

14 Transport information

UN-Number ADR, ADN, IMDG, IATA	Void
UN proper shipping name ADR, ADN, IMDG, IATA	Void
Transport hazard class(es) ADR, ADN, IMDG, IATA Class	Void
Packing group ADR, IMDG, IATA	Void
Environmental hazards:	Not applicable.
Special precautions for user	Not applicable.
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.
ADR Remarks:	Not classified as a dangerous goods for transport

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IMDG**Remarks:**

Not classified as a dangerous goods for transport

IATA**Remarks:**

Not classified as a dangerous goods for transport

UN "Model Regulation":

Void

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

GHS label elements

cf. section 2

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

Hazard pictograms



GHS05 GHS07 GHS08

Signal word Danger

Hazard-determining components of labelling:

cement grey

Siliciumdioxide (SiO₂, Quartz flour in a dry product)

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause allergic skin reaction.

H335 May cause respiratory irritation.

H372 Causes damage to organs through prolonged or repeated exposure.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

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 and wash before reuse.

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: Research and Development

Contact:

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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 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

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)

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

*** 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.

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