

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 22.04.2020

Version number 1

Revision: 22.04.2020

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

#### 1.1 Product identifier

Trade name **weberdry crystallize hybrid**

Safety data sheet no.: XXP015727

#### 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 Co., Ltd.

Gypsum Metropolitan Tower 14th Floor 539/2 Si-Ayutthaya Road

Thanonphayathai, Ratchathewi

Bangkok 10400 Thailand

Tel: +662 245 8777

#### 1.4 Emergency telephone number:

Tel. 0 2202 4225-7

Tel. 0 2202 4235-6

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**

Results of in vitro- tests have shown that cement based mixtures with more than 1% of cement cause serious skin irritation and serious eye damage, therefore the classification of these mixtures regarding H315 and H318 is not based on the calculation of the ingredients or the pH in this case.



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

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.

(Contd. on page 2)

EUG

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

Printing date 22.04.2020

Version number 1

Revision: 22.04.2020

**Trade name weberdry crystallize hybrid**

(Contd. of page 1)

**Hazard pictograms**



GHS05 GHS07

**Signal word** Danger

**Hazard-determining components of labelling:**

cement portland, grey  
calcium dihydroxide

**Hazard statements**

H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H317 May cause an allergic skin reaction.  
H335 May cause respiratory irritation.

**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.  
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.

**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 Chemical characterisation: Mixtures**

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

**Dangerous components:**

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 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 1 % Eye Dam. 1; H318: C ≥ 1 %	25-50%
--------------------------------------	---	--------

(Contd. on page 3)

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 22.04.2020

Version number 1

Revision: 22.04.2020

**Trade name weberdry crystallize hybrid**

(Contd. of page 2)

CAS: 14808-60-7 EINECS: 238-878-4	Siliciumdioxide (Quartz sand) substance with a Community workplace exposure limit	25-50%
CAS: 497-19-8 EINECS: 207-838-8 Index number: 011-005-00-2	sodium carbonate ⚠ Eye Irrit. 2, H319	5-10%
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	1-2%

**SVHC** Void

**Additional information**

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**
**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.

In case of unconsciousness place patient stably in side position for transportation.

**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. Then consult doctor. Rinse liquid should be tempered (20-30°C).

**After swallowing** If symptoms persist consult a doctor.

**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**

If swallowed, gastric irrigation with added, activated carbon.

### SECTION 5: Firefighting measures

**5.1 Extinguishing media**
**Suitable extinguishing agents**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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

No further relevant information available.

(Contd. on page 4)

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 22.04.2020

Version number 1

Revision: 22.04.2020

**Trade name weberdry crystallize hybrid**

(Contd. of page 3)

**5.3 Advice for firefighters****Protective equipment:** Wear self-contained respiratory protective device.**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:** Prevent seepage into sewage system, workpits and cellars.**6.3 Methods and material for containment and cleaning up:**

Use neutralising agent.

Dispose of contaminated material as waste according to item 13.

Ensure adequate ventilation.

Pick up 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**

Thorough dedusting.

Keep receptacles tightly sealed.

Provide suction extractors if dust is formed.

Ensure good ventilation/exhaustion at the workplace.

**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:**

Store away from foodstuffs.

Store away from water.

**Further information about storage conditions:** Protect from humidity and water.**7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/personal protection****Additional information about design of technical facilities:** No further data; see item 7.

(Contd. on page 5)

EUG

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 22.04.2020

Version number 1

Revision: 22.04.2020

Trade name weberdry crystallize hybrid

(Contd. of page 4)

**8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****DNELs****CAS: 1305-62-0 calcium dihydroxide**

Inhalative	Derived No Effect Level	1 mg/m <sup>3</sup> (consumer local long term value) 4 mg/m <sup>3</sup> (consumer local short term value)
------------	-------------------------	---

**PNECs****CAS: 1305-62-0 calcium dihydroxide**

Predicted No Effect Concentration	0.49 mg/l (fresh water rating factor) 1.08 mg/l (soil/groundwater)
-----------------------------------	---

CAS No.	Designation of material	%	Type	Value	Unit
---------	-------------------------	---	------	-------	------

**CAS: 65997-15-1 cement portland, grey**

AGW (Germany)	Long-term value: 5 E mg/m <sup>3</sup> DFG
LEP (Spain)	Long-term value: 4 mg/m <sup>3</sup> fracción respirable: e, d
TWA (Italy)	Long-term value: 1 mg/m <sup>3</sup> (e, j), A4
VLE (Portugal)	Long-term value: 1 mg/m <sup>3</sup> Fração resp.;A4,função pulm.,sintomas resp.,asma
HTP (Finland)	Long-term value: 5* 1** mg/m <sup>3</sup> *hengittyvä/inhalerbar, **alveolijae/respirabel

**CAS: 14808-60-7 Siliciumdioxide (Quartz sand)**

BOELV (European Union)	Long-term value: 0.1* mg/m <sup>3</sup> *respirable fraction
MAK (Germany)	alveolengängige Fraktion
GV (Denmark)	Long-term value: 0.3* 0.1** mg/m <sup>3</sup> *total;**total, respirabel, K
LEP (Spain)	Long-term value: 0.05 mg/m <sup>3</sup> *Fracción resp:n,d,y
TWA (Italy)	Long-term value: 0.025 mg/m <sup>3</sup> A2 (r)
VLE (Portugal)	Long-term value: 0.025 mg/m <sup>3</sup> Resp.;A2; fibrose pulmonar; cancro do pulmão
OEL (Sweden)	Long-term value: 0.1 mg/m <sup>3</sup> C, M, respirabel fraktion
HTP (Finland)	Long-term value: 0.05 mg/m <sup>3</sup> alveolijae

(Contd. on page 6)

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

Printing date 22.04.2020

Version number 1

Revision: 22.04.2020

**Trade name weberdry crystallize hybrid**

(Contd. of page 5)

**CAS: 1305-62-0 calcium dihydroxide**

IOELV (European Union)	Short-term value: 4 mg/m <sup>3</sup> Long-term value: 1 mg/m <sup>3</sup> Respirable fraction
AGW (Germany)	Long-term value: 1E mg/m <sup>3</sup> 2(I);Y, EU, DFG
GV (Denmark)	Long-term value: 5 1* mg/m <sup>3</sup> E; *respirabel fraktion
LEP (Spain)	Long-term value: 4 mg/m <sup>3</sup> , 1 ppm fracción resp., VLI, d
TWA (Italy)	Long-term value: 5 mg/m <sup>3</sup>
VLE (Portugal)	Long-term value: 5 mg/m <sup>3</sup> Irritação ocular, do TRS, cutânea
OEL (Sweden)	Short-term value: 4 mg/m <sup>3</sup> Long-term value: 1 mg/m <sup>3</sup>
HTP (Finland)	Short-term value: 4 mg/m <sup>3</sup> Long-term value: 1 mg/m <sup>3</sup>

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

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

**8.2 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.

Avoid contact with the eyes and skin.

Use a moisturising skin cream after processing the product.

**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.

Filter P2.

**Protection of hands:** Protective gloves.

**Material of gloves**

Nitrile rubber, NBR

Rubber gloves

**Eye protection:** Tightly sealed goggles

**Body protection:** Protective work clothing.

EUG

(Contd. on page 7)

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

Printing date 22.04.2020

Version number 1

Revision: 22.04.2020

Trade name weberdry crystallize hybrid

(Contd. of page 6)

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**General Information**

**Appearance:**

<b>Form:</b>	Powder
<b>Colour:</b>	Grey
<b>Odour:</b>	Uncharacteristic.
<b>Odour threshold:</b>	Not determined.

**pH-value:** Not applicable.

**Change in condition**

<b>Melting point/freezing point:</b>	Undetermined.
<b>Initial boiling point and boiling range:</b>	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 selfigniting.

**Explosive properties:** Product does not present an explosion hazard.

**Explosion limits:**

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.

**Oxidising properties** Not determined.

**Vapour pressure:** Not applicable.

<b>Density:</b>	1.1-1.3 g/cm <sup>3</sup>
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.

**Solubility in / Miscibility with**

**Water:** Hardens when in contact with water.

**Segregation coefficient (n-octanol/water) log**

**Pow:** Not determined.

**Viscosity:**

<b>dynamic:</b>	Not applicable.
<b>kinematic:</b>	Not applicable.

**Solvent content:**

<b>Water:</b>	0.0 %
<b>EU-VOC (%)</b>	0.00 %
<b>EU-VOC (g/L)</b>	-0.0 g/l

(Contd. on page 8)

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

Printing date 22.04.2020

Version number 1

Revision: 22.04.2020

**Trade name weberdry crystallize hybrid**

(Contd. of page 7)

<b>Solids content:</b>	100.0 %
<b>9.2 Other information</b>	No further relevant information available.

**SECTION 10: Stability and reactivity**

- 10.1 Reactivity** No further relevant information available.
- 10.2 Chemical stability** Stable at recommended storage conditions
- Thermal decomposition / Conditions to be avoided:**  
No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions**  
Reacts with water  
Reacts with acids
- 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 toxicological effects**
- Acute toxicity** Based on available data, the classification criteria are not met.
- LD/LC50 values relevant for classification:**

Components	Type	Value	Species
<b>CAS: 65997-15-1 cement portland, grey</b>			
Dermal	LD50	>2,000 mg/kg	(Rabbit)
<b>CAS: 497-19-8 sodium carbonate</b>			
Oral	LD50	>4,000 mg/kg	(Rat)
<b>CAS: 1305-62-0 calcium dihydroxide</b>			
Oral	LD50	7,340 mg/kg	(Rat)
Dermal	LD50	>2,500 mg/kg	(Rabbit)

- Primary irritant effect:**
- Skin corrosion/irritation**  
Causes skin irritation.
- Serious eye damage/irritation**  
Causes serious eye damage.
- Respiratory or skin sensitisation**  
May cause an allergic skin reaction.
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- 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.

(Contd. on page 9)



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

Printing date 22.04.2020

Version number 1

Revision: 22.04.2020

**Trade name weberdry crystallize hybrid**

(Contd. of page 8)

**STOT-single exposure**

May cause respiratory irritation.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Aquatic toxicity:** Not classified as harmful to aquatic life

Type of test	Effective concentration	Method	Assessment
<b>CAS: 497-19-8 sodium carbonate</b>			
LC50/96h	300 mg/l	(Lepomis macrochirus (Sunfish))	
EC50/48h	265 mg/l	(Daphnia magna)	
<b>CAS: 1305-62-0 calcium dihydroxide</b>			
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)	

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

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

**Behaviour in environmental systems:**

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

**Ecotoxicological effects:**

**Remark:**

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

**12.5 Results of PBT and vPvB assessment**

**PBT:** Does not contain PBT substances.

**vPvB:** Does not contain vPvB substances.

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

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

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

**European waste catalogue**

Possible waste code. The concrete waste code depends on the source of the waste.

HP4	Irritant - skin irritation and eye damage
-----	---

(Contd. on page 10)

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

Printing date 22.04.2020

Version number 1

Revision: 22.04.2020

**Trade name weberdry crystallize hybrid**

(Contd. of page 9)

HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP13	Sensitising

**Uncleaned packaging:**

**Recommendation:**

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

Disposal must be made according to official regulations.

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

**SECTION 14: Transport information**

<b>14.1 UN-Number ADR, IMDG, IATA</b>	Void
<b>14.2 UN proper shipping name ADR, IMDG, IATA</b>	Void
<b>14.3 Transport hazard class(es) ADR, ADN, IMDG, IATA Class</b>	Void
<b>14.4 Packing group ADR, IMDG, IATA</b>	Void
<b>14.5 Environmental hazards:</b>	Not applicable.
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
<b>UN "Model Regulation":</b>	Void

**SECTION 15: Regulatory information**

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

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 point 47 Chromium VI compounds)

Conditions of restriction: 47

(Contd. on page 11)

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 22.04.2020

Version number 1

Revision: 22.04.2020

**Trade name weberdry crystallize hybrid**

(Contd. of page 10)

**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.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

**Department issuing SDS:** Research & Development

#### Contact:

Mrs. K. Locolas  
Tel: 06-32135043

#### Abbreviations and acronyms:

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  
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  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
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.