

## MATERIAL SAFETY DATA SHEET

### 1. Identification of the Substance / Company Details and Undertaking

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**Product Name:** weberset TF eco  
**Application:** Tile fixing  
**Company:** Saint-Gobain Weber (Hong Kong) Building Material Co., Limited  
**Manufacturer / Supplier**  
**Address:** No. 7 Wang Lok Street,  
Yuen Long Industrial Estate,  
Yuen Long, N.T. Hong Kong  
**Telephone:** 852-2470-6625  
**Fax:** 852-2479-4834  
**Emergency Number:** 852-2470-6625

### 2. Hazards identification

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#### 2.1 GHS Classification

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

The product is not classified, according to the CLP regulation.

#### 2.2 Label elements

##### Labelling according to Regulation (EC) No 1272/2008 Void

**Hazard pictograms** Void

**Signal word** Void

**Hazard statements** Void

##### Precautionary statements

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

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

##### Additional information:

Safety data sheet available on request.

EUH208 Contains cement clinker. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

Keep out of the reach of children

#### 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.

### 3. Composition / Information on Ingredients

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#### 3.2 Chemical characterisation: Mixtures

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



Saint-Gobain Weber (Hong Kong) Building Material Co., Limited  
聖戈班偉伯(香港)建材有限公司

### 3.2 Hazardous components

#### Dangerous components:

|  |   |        |
|--|---|--------|
| CAS: 14808-60-7<br>EINECS: 238-878-4                                     | Siliciumdioxide (Quartz sand)<br>substance with a Community<br>workplace exposure limit   | 50-80% |
| CAS: 471-34-1<br>EINECS: 207-439-9<br>Reg.nr.: 01-2119486795-<br>18-xxxx | calcium carbonate<br>substance with a Community<br>workplace exposure limit   | 5-10%  |
| CAS: 7778-18-9<br>EINECS: 231-900-3                                      | calcium sulphate, natural<br>substance with a Community<br>workplace exposure limit   | 1-5%   |
| CAS: 65997-15-1<br>EINECS: 266-043-4                                     | cement clinker<br>Eye Dam. 1, H318; Skin Irrit. 2,<br>H315; Skin Sens. 1, H317; STOT<br>SE 3, H335<br>Specific concentration limits:<br>Skin Irrit. 2; H315: C ≥ 1 %<br>Eye Dam. 1; H318: C ≥ 1 % | 0.1-1% |

#### 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.

## 4. First Aid Measures

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### 4.1 Description of first aid measures

#### General information

Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.

Immediately remove any clothing soiled by the product.

**After inhalation** Supply fresh air; consult doctor in case of complaints.

#### After skin contact

Immediately rinse with water.

If skin irritation continues, consult a doctor.

#### After eye contact

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

Call a doctor immediately.

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

### 4.2 Most important symptoms and effects, both acute and delayed

Irritation of the eye tissue, watery eyes

Allergies may occur for predisposed subjects.

Irritation of the nasal mucous membranes

### 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## 5. Fire Fighting Measures

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### 5.1 Extinguishing media

#### Suitable extinguishing agents

The product is not combustible.

Foam  
Fire-extinguishing powder  
Water spray

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

Formation of toxic gases is possible during heating or in case of fire.

### **5.3 Advice for firefighters**

#### **Protective equipment:**

Wear self-contained respiratory protective device.  
Wear fully protective suit.

## **6. Accidental Release Measures**

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

Wear protective equipment. Keep unprotected persons away.

Avoid formation of dust.

Ensure adequate ventilation.

Use respiratory protective device against the effects of fumes/dust/aerosol.

**6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

### **6.3 Methods and material for containment and cleaning up:**

Pick up mechanically.

Dispose of the material collected according to regulations.

### **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.

## **7. Handling and Storage**

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### **7.1 Precautions for safe handling**

Use only in well ventilated areas.

Ensure good ventilation/exhaustion at the workplace.

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: Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Keep container tightly sealed.

Protect from humidity and water.

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

## **8. Exposure Controls/Personal Protection**

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

### **8.1 Control parameters**

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

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

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

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

**CAS: 471-34-1 calcium carbonate**

|                |   |
|----------------|---|
| LEP (Spain)    | Long-term value: 10 mg/m <sup>3</sup>   |
| TWA (Italy)    | Long-term value: (10) mg/m <sup>3</sup> |
| VLE (Portugal) | (e)                                     |
|                | Long-term value: (10) mg/m <sup>3</sup> |
|                | (Irritação)                             |

**CAS: 7778-18-9 calcium sulphate, natural**

|                |                                       |
|----------------|---------------------------------------|
| TWA (Italy)    | Long-term value: 10 mg/m <sup>3</sup> |
| VLE (Portugal) | (i)                                   |
|                | Long-term value: 10 mg/m <sup>3</sup> |
|                | Fração inalável; Sintomas nasais      |

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

Total inhalable dust: 10 mg/m<sup>3</sup>  
Respirable dust (< 5 µm): 4 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.

Store protective clothing separately.

Avoid contact with the eyes and skin.

Wash hands before breaks and at the end of work.

**Respiratory protection:**

Short term filter device:

Filter P2.

Filter P3.

**Protection of hands:** Protective gloves.

**Material of gloves**

Nitrile impregnated cotton gloves complying with the standard EN 374-1.

Neoprene impregnated cotton gloves complying with the standard EN 374-1.

**Eye protection:**

Protective eyewear (standard EN 166)

Tightly sealed goggles

**Body protection:** Protective work clothing.

## 9. Physical and Chemical Properties

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### 9.1 Information on basic physical and chemical properties

#### General Information

#### Appearance:

|  |   |
|--|---|
| Form:                                    | Powder  |
| Colour:                                  | According to product specification            |
| Odour:                                   | Characteristic                                |
| Odour threshold:                         | Not determined.                               |
| pH-value:                                | Alkaline in water                             |
| 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:                                  | Not determined                      |
| 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) | Not determined.                     |
| log                                       |                                     |
| Pow:                                      |                                     |
| Viscosity:                                |                                     |
| dynamic:                                  | Not applicable.                     |
| kinematic:                                | Not applicable.                     |
| 9.2 Other information                     | None                                |

## 10. Stability and Reactivity

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**10.1 Reactivity** Not reactive under normal conditions of use

**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** No dangerous reactions known

**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.

## 11. Toxicological Information

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### 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: 471-34-1 calcium carbonate</b> |      |                   |         |
| Oral                                   | LD50 | 6,450 mg/kg (Rat) |         |
| Dermal                                 | LD50 | 6,450 mg/kg (Rat) |         |

**Primary irritant effect:**

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation**

May cause an allergic skin reaction to already sensitised individuals (supplemental labelling EUH208 in Europe)

**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.

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

**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.

## 12. Ecological information

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### 12.1 Toxicity

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

**Type of test Effective concentration Method Assessment**

**CAS: 471-34-1 calcium carbonate**

EC50/72h 14 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.

**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.

## 13. Disposal Considerations

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### 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.

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.

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.  
**Recommended cleaning agent:** Thoroughly shake out sacks.

## 14 . Transport Information

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|  |  |
|--|--|
| <b>14.1 UN-Number</b><br>ADR, ADN, IMDG, IATA                                  | Void   |
| <b>14.2 UN proper shipping name</b><br>ADR, ADN, IMDG, IATA                    | Void   |
| <b>14.3 Transport hazard class(es)</b><br>ADR, ADN, IMDG, IATA<br>Class        | Void   |
| <b>14.4 Packing group</b><br>ADR, IMDG, IATA                                   | 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>Transport/Additional information:</b>                                       | Not dangerous according to the above specifications. |
| <b>ADR</b>   | Not regulated for transport of dangerous goods       |
| <b>Remarks:</b>  |  |
| <b>IMDG</b>  | Not regulated for transport of dangerous goods       |
| <b>Remarks:</b>  |  |
| <b>IATA</b>  | Not regulated for transport of dangerous goods       |
| <b>Remarks:</b>  |  |
| <b>UN "Model Regulation":</b>  | Void   |

## 15 . Regulatory information

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

Regulation (EC) No 1272/2008 (CLP)  
 Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)

**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.

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

## 16 . Other Information

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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.

**Department issuing SDS:** Product safety department

**Contact:** Mr Laurent Pauget: Phone.: +33 4 74 52 58 92

**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  
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.