

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.03.2015

Revision: 27.03.2015

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

**1.1 Product identifier**Trade name **Cert. Mortar Hardener****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 Limited

Dickens House

Enterprise Way

Flitwick

Bedfordshire

MK45 5BY

**1.4 Emergency telephone number:** Product safety department

## SECTION 2: Hazards identification

**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008



GHS08 health hazard

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.



GHS07

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

Classification according to Directive 67/548/EEC or Directive 1999/45/EC Void

**Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

**Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

**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**

GHS07 GHS08

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

Siliciumdioxid (Quarzmehl in einem pulverförmigen Produkt)

(Contd. on page 2)

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.03.2015

Revision: 27.03.2015

Trade name Cert. Mortar Hardener

(Contd. of page 1)

dibenzoyl peroxide

**Hazard statements**

H317 May cause an allergic skin reaction.

H373 May cause damage to organs through prolonged or repeated exposure.

**Precautionary statements**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P363 Wash contaminated clothing before reuse.

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

P314 Get medical advice/attention if you feel unwell.

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











**2.3 Other hazards****Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

## SECTION 3: Composition/information on ingredients

**3.2 Chemical characterisation: Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**Dangerous components:**

	Siliciumdioxid (Quarzmehl in einem pulverförmigen Produkt)  Xn R48/20  STOT RE 2, H373	> 50%
CAS: 94-36-0 EINECS: 202-327-6	dibenzoyl peroxide  Xi R36;  Xi R43;  E R3;  O R7   Org. Perox. B, H241;  Eye Irrit. 2, H319;  Skin Sens. 1, H317	2 - 5%

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

## SECTION 4: First aid measures

**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.

**After inhalation** Supply fresh air; consult doctor in case of complaints.**After skin contact** Generally the product does not irritate the skin.**After eye contact**

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

**After swallowing** If symptoms persist consult 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**

No further relevant information available.

GB

(Contd. on page 3)

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.03.2015

Revision: 27.03.2015

Trade name Cert. Mortar Hardener

(Contd. of page 2)

## 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.

### 5.3 Advice for firefighters

**Protective equipment:** No special measures required.

## SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures** Not required.

**6.2 Environmental precautions:** No special measures required.

**6.3 Methods and material for containment and cleaning up:** 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** 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:** Not required.

**Further information about storage conditions:** None.

**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.

### 8.1 Control parameters

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

CAS No.	Designation of material	%	Type	Value	Unit
94-36-0	dibenzoyl peroxide				
WEL	Long-term value: 5 mg/m <sup>3</sup>				

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

Quartz alveolar 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.

(Contd. on page 4)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.03.2015

Revision: 27.03.2015

Trade name Cert. Mortar Hardener

(Contd. of page 3)

**8.2 Exposure controls****Personal protective equipment:****General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.  
Wash hands before breaks and at the end of work.

**Respiratory protection:** Not required.**Protection of hands:** Not required.**Eye protection:** Not required.**Body protection:** Protective work clothing.

### 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>	Not determined.
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.

<b>pH-value:</b>	Not applicable.
------------------	-----------------

**Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.

<b>Flash point:</b>	Not applicable
---------------------	----------------

<b>Flammability (solid, gaseous):</b>	Product is not flammable.
---------------------------------------	---------------------------

<b>Ignition temperature:</b>	Not determined.
------------------------------	-----------------

<b>Decomposition temperature:</b>	Not determined.
-----------------------------------	-----------------

<b>Self-igniting:</b>	Product is not selfigniting.
-----------------------	------------------------------

<b>Danger of explosion:</b>	Product does not present an explosion hazard.
-----------------------------	---

**Explosion limits:**

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

<b>Oxidising properties</b>	Not determined.
-----------------------------	-----------------

<b>Vapour pressure:</b>	Not applicable.
-------------------------	-----------------

<b>Density:</b>	Not applicable.
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.

**Solubility in / Miscibility with**

<b>Water:</b>	Insoluble
---------------	-----------

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

<b>Pow:</b>	Not determined.
-------------	-----------------

(Contd. on page 5)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.03.2015

Revision: 27.03.2015

Trade name Cert. Mortar Hardener

(Contd. of page 4)

**Viscosity:**

**dynamic:** Not applicable.  
**kinematic:** Not applicable.

**Solvent content:**

**Organic solvents:** 0.0 %  
**EU-VOC** 0.00 %

**Solids content:** 100.0 %

**9.2 Other information** No further relevant information available.

### SECTION 10: Stability and reactivity

**10.1 Reactivity**

**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:**

Avoid contact with rust, iron and Copper. Contact with incompatible materials such as acids, alkalis, heavy metals and reducing agents will result in hazardous decomposition. Do not mix with peroxide accelerators.

**10.6 Hazardous decomposition products:** Benzoic acid, Benzene.

### SECTION 11: Toxicological information

**11.1 Information on toxicological effects****Acute toxicity:****LD/LC50 values relevant for classification:**

Components	Type	Value	Species
<b>1317-65-3 limestone</b>			
Oral	LD50	> 5000 mg/kg	(rat)

**Primary irritant effect:**

**on the skin:** Irritant to skin and mucous membranes.

**on the eye:** No irritating effect known.

**Sensitisation:** No sensitising effects known.

### SECTION 12: Ecological information

**12.1 Toxicity**

**Aquatic toxicity:** No further relevant information available.

**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.

(Contd. on page 6)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.03.2015

Revision: 27.03.2015

Trade name Cert. Mortar Hardener

(Contd. of page 5)

**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:** Not applicable.

**vPvB:** Not applicable.

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

### SECTION 13: Disposal considerations

**13.1 Waste treatment methods****European waste catalogue**

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

**Uncleaned packaging:****Recommendation:**

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

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

### SECTION 14: Transport information

<b>14.1 UN-Number</b> ADR, IMDG, IATA	Void
<b>14.2 UN proper shipping name</b> ADR, IMDG, IATA	Void
<b>14.3 Transport hazard class(es)</b>	
<b>ADR</b> <b>Class</b>	- (-)
<b>IMDG</b> <b>Class</b> <b>Label</b>	Void -
<b>IATA</b> <b>Class</b>	Void
<b>14.4 Packing group</b> ADR, IMDG, IATA	Void
<b>14.5 Environmental hazards:</b>	Not applicable.
<b>14.6 Special precautions for user</b> <b>EMS Number:</b>	Not applicable. -
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.

(Contd. on page 7)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.03.2015

Revision: 27.03.2015

<b>Trade name Cert. Mortar Hardener</b>
---

(Contd. of page 6)

<b>Transport/Additional information:</b>	Not dangerous according to the above specifications.
<b>UN "Model Regulation":</b>	UN-, -

### SECTION 15: Regulatory information

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

No further relevant information available.

**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

- H241 Heating may cause a fire or explosion.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H373 May cause damage to organs through prolonged or repeated exposure.
- R3 Extreme risk of explosion by shock, friction, fire or other sources of ignition.
- R36 Irritating to eyes.
- R43 May cause sensitisation by skin contact.
- R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- R7 May cause fire.

**Department issuing MSDS:** Product safety department.

#### Contact:

Dr Sara Kelly  
 SHEQ Systems Manager  
 Weber  
 Tel: 01525 722145  
 Fax: 01525 718988  
 Email: sara.kelly@netweber.co.uk

#### 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  
 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)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 Org. Perox. B: Organic Peroxides, Type B  
 Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

(Contd. on page 8)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 27.03.2015

Revision: 27.03.2015

**Trade name Cert. Mortar Hardener**

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1  
STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2

(Contd. of page 7)

GB