

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Date of issue : 21/05/2019 Version : 2.0

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

1.1. Product identifier

Product Name : Brickfix CE1 Grout

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

1.2.1. Relevant identified uses

Recommended Use : Factory prepared dry mortar

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Safeguard Europe

Redkiln Close

Horsham

West Sussex

RH13 5QL

T +44 (0)1403 210204

info@safeguardeurope.com – www.safeguardeurope.com

1.4. Emergency telephone number

Emergency number : +44 (0)1403 210204 (Office hours only)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2 H315

Serious eye damage/eye irritation, Category 1 H318

Specific target organ toxicity – single exposure (STOT SE), Category 3 H335

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word (CLP) : Danger

Hazardous ingredients : Portland cement

Hazard statements (CLP) : H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

Precautionary statements (CLP) : P102 Keep out of reach of children.

P280 Wear protective gloves / protective clothing / eye protection

P305+P351+P338+P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove Contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor/ physician.

P302+P352+P333+P313 IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

P261+P304+P340+P312 Avoid inhalation of dust. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

P501 Dispose of contents/containers to approved disposal site.

2.3. Other hazards

Gives an alkaline reaction with moisture. Once mixed with water, the product can cause serious skin damage on prolonged contact (e. g. when kneeling in moist mortar) due to its alkalinity. Store in a cool, dry place. Inappropriate storage (contact with humidity) or storage past the expiration may "reduce the effectiveness of the contained chromate reducer. In this case, a sensitization due to skin contact cannot be excluded.

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Portland cement	(CAS No.) 65997-15-1 (EC-No.) 266-043-4	15-25%	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335

Full text of H statements : see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Remove persons to safe areas. Respect self-protection of the first aider.
First-aid measures after inhalation	: Supply fresh air. In case of complaints, seek immediate medical advice.
First-aid measures after skin contact	: Rinse with plenty of water, change contaminated clothing immediately.
First-aid measures after eye contact	: Do not rub the eyes dry. If necessary, remove contact lenses and rinse eyes immediately with running water keeping the eyelids open (for about 20 minutes). Always consult an ophthalmologist.
First-aid measures after ingestion	: Drink plenty of water in small portions drink (only if person is conscious). Do not induce vomiting. Seek medical advice and clearly identify substance.

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

Symptoms :

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

Notes to physician : Product reacts alkaline when in contact with moisture. May cause skin irritation or chemical burns to mucous membranes.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : The product is not flammable. Adapt extinguishing measures to surrounding fire.
Extinguishing media which shall not be used for safety reasons : None

5.2. Special hazards arising from the substance or mixture

None

5.3. Advice for firefighters

Use self-contained respirator.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment (refer to section 8). Keep unprotected persons away. Avoid eye and skin contact. Avoid inhalation of dust.

6.2. Environmental precautions

Do not allow to enter sewers, surface or ground water.

6.3. Methods and material for containment and cleaning up

Clean up dry powder and mixed product mechanically and dispose of it properly. :

6.4. Reference to other sections

See Section 8, 13 for additional information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling : Information on safe handling. Avoid dust formation. In case of dust formation, take appropriate protective measures (exhaust/ventilation, respiratory protection). Provide adequate ventilation at the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions : Store in a cool, dry place. Inappropriate storage (contact with humidity) or storage past the expiration may "reduce the effectiveness of the contained chromate reducer. In this case, a sensitization due to skin contact cannot be excluded. Store away from acids.

7.3. Specific end use(s)

Specific use(s) :

Exposure scenario :

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Portlan Cement (65997-15-1)		
	MAK value	5 mg/m ³

Quartz (14808-60-7)		
		0.15 mg/m ³

The MAK value (German maximum workplace concentration) for respirable quartz-containing dusts which may result from the processing of powdered quartz-containing preparations in general, is generally 0.15 mg/m³. A particulate matter concentration of 6 mg/m³ is set as a general dust limit value.

8.2. Exposure controls

Appropriate engineering controls:

Hand protection:
Wear suitable gloves, e. g., nitrile impregnated cotton gloves.
Eye protection:
Wear tightly sealed goggles
Skin and body protection:
Wear suitable protective clothing. Skin protection plan in accordance with code of practice leaflet BGR 197 2.
Respiratory protection:
If the exposure threshold values are exceeded, wear particle-filtering half mask FFP1 (white). (see code of practice leaflet BGR 190 2)

Hygiene measures : Avoid eye and skin contact. Do not eat, drink or smoke at work. Do not inhale dust. Wash exposed body parts after handling and apply moisturizing cream to prevent dermatitis

Environmental Exposure Controls : Prevent material from entering surface waters, drains, sewers or soils.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Powder
Colour	: Grey
Odour	: Odourless
Odour threshold	: No data available
pH	: Approx. 12 at 25°C (500 g/l H2O)
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: Product is not flammable
Auto-ignition temperature	: Product is not flammable
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Density	: No data available
Solubility	: <2 g/l in water
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Product is not explosible
Oxidising properties	: No data available

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Explosive limits : No data available

9.2. Other information

Volatile organic compounds (VOC) content : No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

10.3. Possibility of hazardous reactions

Risk of dust explosion, explosion class St1

10.4. Conditions to avoid

Contact with moisture

10.5. Incompatible materials

Acid wastes

10.6. Hazardous decomposition products

If stored and handled properly: none known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified
Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Causes serious eye damage.
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : May cause respiratory irritation.
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Eco toxicity effects : None

12.2. Persistence and degradability

Not biodegradable, since preparation consists of mineral substances

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

Prevent material from entering surface waters, drains, sewers or soils. May increase the pH value.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues / unused products : Waste code number: 010410 (dusty and powdery wastes other than those mentioned in 01 04 07.) or Mix with water, allow to harden, then dispose of as construction waste.
Waste code number: 17 01 07 (pure construction waste) or 170904 (mixed construction waste, without hazardous substances)
Contaminated packaging : Recommendation: Empty packaging completely. Reuse or recycle containers preferably, in compliance with the applicable local regulations.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

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ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

15.1.2. National regulations

TA-Luft (German technical instructions on air quality control):

Clause 3.1.5

German water hazard classification (WGK)

WGK 1 – slightly hazardous to water (self-classification)

Further regulations

Chemical safety assessment

For this product is no chemical safety assessment available.

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H315: Causes skin irritation.

H318: Causes serious eye damage.

H335: May cause respiratory irritation

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product