

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Date of issue : 1/10/2018 Version : 1.0

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

1.1. Product identifier

Product Form : Drybase Tanking Slurry

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

1.2.1. Relevant identified uses

Recommended Use : Sealing cement

Product category : PC 10 – Building and construction mixtures not covered elsewhere

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Safeguard Europe

Redkirk 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

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), 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 Cr+VI<2ppm

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

P261 - Avoid breathing dust

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

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 or doctor/physician

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P312 - Call a POISON CENTER or doctor if you feel unwell

Special labelling of certain preparations : Contains cement low in chromate according to EN 196-10

2.3. Other hazards

No additional information available

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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 Cr+VI<2ppm	(EC-No) 266-043-4 (CAS-No) 65997-15-1	50 - 75	STOT SE 3, H335 Skin Irrit. 2, H315 Eye Dam. 1, H318
SILICA SAND	(EC-No) 238-878-4 (CAS-No) 14808-60-7	25 - 50	no data available

Full text of H statements : see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Show this safety data sheet to the doctor in attendance. If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.
First-aid measures after inhalation	: Move to fresh air. Call a physician if irritation develops or persists. If breathing is irregular or stopped, administer artificial respiration.
First-aid measures after skin contact	: Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.
First-aid measures after eye contact	: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
First-aid measures after ingestion	: Gently wipe or rinse the inside of the mouth with water. Drink plenty of water. If symptoms persist, call a physician. Do not induce vomiting without medical advice.

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

Symptoms : Eye irritation. Irritating to respiratory system and skin.

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

Notes to physician : Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. The product itself does not burn, Use water spray, fog, Carbon dioxide (CO₂), foam or dry chemical.

Extinguishing media which shall not be used for safety reasons : High volume water jet.

5.2. Special hazards arising from the substance or mixture

No hazardous decomposition products are known.

5.3. Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Use personal protective equipment. For personal protection see section 8.

6.1.2. For emergency responders

For personal protection see section 8.

6.2. Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system.

Prevent product from entering drains. See Section 12 for additional Ecological information.

6.3. Methods and material for containment and cleaning up

Methods for containment : Prevent further leakage or spillage if safe to do so.

Methods for cleaning up : Take up mechanically and collect in suitable container for disposal. Clean up promptly by sweeping or vacuum.

6.4. Reference to other sections

See Section 8, 13 for additional information.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling : Do not breathe vapors or spray mist. Do not breathe dust. Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product.

Hygiene measures : When using, do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions : Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

German storage class : LGK 13

7.3. Specific end use(s)

Specific use(s) : SU19 - Building and construction work

Exposure scenario : No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

PORTLAND CEMENT Cr+VI<2ppm (65997-15-1)

Austria	TWA	5 mg/m ³
Belgium	TWA	10 mg/m ³
Finland	TWA	5 mg/m ³
Finland	TWA	1 mg/m ³
Germany	TWA	5 mg/m ³
Iceland	TWA (total dust)	10 mg/m ³
Iceland	TWA (respirable dust)	5 mg/m ³
Iceland	Ceiling (total dust)	20 mg/m ³
Iceland	Ceiling (respirable dust)	10 mg/m ³
Ireland	TWA	1 mg/m ³
Ireland	STEL	3 mg/m ³
Italy	TWA	1 mg/m ³
Portugal	TWA	10 mg/m ³
Spain	TWA	4 mg/m ³
Switzerland	TWA	5 mg/m ³
United Kingdom	STEL	30 mg/m ³
United Kingdom	STEL	12 mg/m ³
United Kingdom	TWA	10 mg/m ³
United Kingdom	TWA	4 mg/m ³

SILICA SAND (14808-60-7)

Austria	TWA	0.15 mg/m ³
Belgium	TWA	0.1 mg/m ³
Denmark	TWA	0.3 mg/m ³
Finland	TWA	0.05 mg/m ³
France	TWA	0.1 mg/m ³
Iceland	TWA (total dust)	0.3 mg/m ³
Iceland	TWA (respirable dust)	0.1 mg/m ³

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Iceland	Ceiling (total dust)	0.6 mg/m ³
Iceland	Ceiling (respirable dust)	0.2 mg/m ³
Ireland	TWA	0.1 mg/m ³
Ireland	STEL	0.3 mg/m ³
Italy	TWA	0.025 mg/m ³
Netherlands	TWA	0.0075 mg/m ³
Norway	TWA	0.3 mg/m ³
Norway	TWA	0.1 mg/m ³
Norway	STEL	0.9 mg/m ³
Norway	STEL	0.3 mg/m ³
Portugal	TWA	0.025 mg/m ³
Spain	TWA	0.1 mg/m ³
Sweden	LLV	0.1 mg/m ³
Switzerland	TWA	0.15 mg/m ³
United Kingdom	STEL	0.3 mg/m ³
United Kingdom	TWA	0.1 mg/m ³

TWA : Time weighted average
STEL : Short term exposure limit
LLV : Exposure Limit Values
STV : Short Term Value

Derived No Effect Level (DNEL) : No information available

Predicted No Effect Concentration (PNEC) : No information available

8.2. Exposure controls

Appropriate engineering controls:

Ensure adequate ventilation, especially in confined areas.

Hand protection:

Rubber/latex/neoprene or other suitable chemical resistant gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.

Eye protection:

Tightly fitting safety goggles. Wear chemical-resistant glasses and/or goggles and a face shield when eye and face contact is possible due to handling and processing of material.

Skin and body protection:

Long sleeved clothing. Wear impervious gloves and/or clothing if needed to prevent contact with the material.

Respiratory protection:

Effective dust mask. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures : When using, do not eat, drink or smoke.

Environmental Exposure Controls : Prevent product entering drains. Do not allow material to contaminate ground water system.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid, powder

Colour : Grey

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Odour	: None
Odour threshold	: No data available
pH	: 11 – 13.5 (as aqueous solution)
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	: No data available
Auto-ignition temperature	: No data available
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	: 1.4 kg/l
Solubility	: Approx. 1.5 g/l (water)
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

Volatile organic compounds (VOC) content : None

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Avoid moisture.

10.5. Incompatible materials

Acids

10.6. Hazardous decomposition products

None under normal use conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

SECTION 12: Ecological information

12.1. Toxicity

Eco toxicity effects : Discharge to water will affect pH and harm aquatic organisms. Neutralization is normally necessary before waste water is discharged into water treatment plants

12.2. Persistence and degradability

No additional information available

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12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT). This substance is not considered to be very persistent nor very bioaccumulating (vPvB).

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues / unused products : If recycling is not practicable, dispose of in compliance with local regulations.
Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.
EWC Waste Disposal No. : 17 01 01, 15 01 05
Other information : According to the European Waste Catalog, Waste Codes are not product specific, but application specific.

SECTION 14: Transport information

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

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

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Take note of Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work
Take note of Dir 94/33/EC on the protection of young people at work.
Take note of Dir 92/85/EEC on the safety and health at work of pregnant workers

Authorizations and/or restrictions on use:

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This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

No REACH Annex XVII restrictions

Directive 2012/18/EU (SEVESO III)

15.1.2. National regulations

Germany WGK Classification Hazardous to water/Class 1

Denmark - MAL Factor 00-4

Name	Product identifier	French RG number	Title
PORTLAND CEMENT Cr+VI<2ppm	(EC-No) 266-043-4 (CAS-No) 65997-15-1	RG 8, RG 10	-
SILICA SAND	(EC-No) 238-878-4 (CAS-No) 14808-60-7	RG 25	-

International Inventories

TSCA	: Complies
EINECS/ELINCS	: Complies
DSL	: Complies
PICCS	: Complies
ENCS	: Complies
IECSC	: Complies
AICS	: Complies
KECL	: Complies
NZIoC	: Complies

Legend

EINECS/ELINCS	:European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
DSL/NDSL	: Canadian Domestic Substances List/Non-Domestic Substances List
PICCS	: Philippines Inventory of Chemicals and Chemical Substances
ENCS	: Japan Existing and New Chemical Substances
IECSC	: China Inventory of Existing Chemical Substances
AICS	: Australian Inventory of Chemical Substances
KECL	: Korean Existing and Evaluated Chemical Substances
NZIoC	: New Zealand Inventory of Chemicals

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

H335 - May cause respiratory irritation

H315 - Causes skin irritation

H318 - Causes serious eye damage

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