

Trade Name: EUCOPROOF CEM REACTIVE
Version: 1
Revision Date: 24.08.2020

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

1.1. Product identifier

EUCOPROOF CEM REACTIVE

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

Use of the substance/mixture

The product is intended for professional use. Building and construction work. Mortar from special cements.

Uses advised against

No identified use(s).

1.3. Details of the supplier of the safety data sheet

EUCCHEM BV
ESPERANTOLAAN 13/7
B-3300 TIENEN
BELGIUM
Tel.: +32.16.81.11.52
E-Mail: office@eucochem.com

1.4. Emergency telephone number

+32 70 245 245

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to EC regulation 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

For full text of Hazard- and EU Hazard-statements: see SECTION 16

2.2. Label elements

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

Hazard components for labelling

Portland Cement - Clinker
Flue Dust, Portland Cement

Signal word: Danger

Trade Name: EUCOPROOF CEM REACTIVE
Version: 1
Revision Date: 24.08.2020

Hazard pictograms



Hazard statements

H315	Causes skin irritation.
H318	Causes serious eye damage
H335	May cause respiratory irritation.

Precautionary statements

P261	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and 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 or a doctor.
P332+P313	If skin irritation occurs: Get medical advice/attention.

2.3. Other hazards

Adverse human health effects and symptoms

Reacts with water strongly caustic - protect skin and eyes.

2.4. Additional information

Chromate poor (according to Regulation (EC) 1907/2006 - Annex XVII).

SECTION 3: Composition / information on ingredients

3.1. Substances

Chemical characterization

Mixture of cement, mineral additives and additives.

Hazardous components

CAS No	EC No.	Chemical name / Classification	Qty.
65997-15-1	266-043-4	Portland Cement - Clinker	≥ 50 - < 100%
		Skin Irrit., 2, H315; Eye Dam., 1; H318; STOT SE, 3, H335	
68475-76-3	270-659-9	Flue Dust, Portland Cement	≥ 3 - < 5%
		REACH registration number: 01-2119486767-17	
		Skin Irrit., 2, H315; Eye Dam., 1; H318; STOT SE, 3, H335	

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Trade Name: EUCOPROOF CEM REACTIVE
Version: 1
Revision Date: 24.08.2020

SECTION 4: First aid measures

4.1. Description of first aid measures

General notes

If medical advice is needed, have product container, label or safety data sheet at hand.

Following eye contact

Flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an ophthalmologist.

Following inhalation

Remove casualty to fresh air and keep warm and at rest. Consult a physician in case of symptoms.

Following skin contact

Wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

Following ingestion

Do not induce vomiting. Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Call a physician immediately.

Self-protection to the first aider

Pay attention to self-protection!

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

After inhalation: Irritation to respiratory tract – Cough

In case of skin contact: Prolonged or repeated contact with skin or mucous membrane result in irritation symptoms such as redness, blistering, dermatitis, etc.

After eye contact: Risk of serious damage to eyes.

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

No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

The product is not flammable. Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Specific hazards arising from the chemical

No information available.

5.3. Advice for firefighters

No information available.

Trade Name: EUCOPROOF CEM REACTIVE
Version: 1
Revision Date: 24.08.2020

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Wear suitable protective clothing. Do not breathe dust. Avoid contact with skin and eyes.

6.2. Environmental precautions

Avoid contact with water. Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

For advice on safe handling: see SECTION 7.

For advice on protective measures: see SECTION 8.

For advice on disposal: see SECTION 13.

6.5. Additional information

Solidifies after contact with water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid dust formation. Use only in well-ventilated areas. Do not breathe dust. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Do not store together with food and feeding stuffs.

Further information on storage conditions

Protect against humidity. After absorption of moisture or exceeding the shelf life the consisting reducing agent for chromate will lose its efficiency and sensitisation by skin contact may occur.

Storage class (TRGS 510): 13 (non-flammable solids which cannot be assigned to any of the above-mentioned storage classes)

7.3. Specific end use(s)

Mortar based on special cements - Observe technical data sheet.

Trade Name: EUCOPROOF CEM REACTIVE
Version: 1
Revision Date: 24.08.2020

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Observe the general dust limit value:

AGW (Germany): 10 mg/m³ (measured as inhalable dust content) - Peak limitation: 2 (II)

AGW (Germany): 1,25 mg/m³ (measured as alveolar particles) - Peak limitation: 2 (II)

8.2. Exposure controls

Protective and hygiene measures

The usual precautionary measures for the handling of chemicals have to be observed. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Remove contaminated, saturated clothing immediately. Avoid contact with skin, eyes and clothes.

Eye/face protection

Use safety glasses in accordance with EN 166.

Respiratory protection

Respiratory protection necessary at insufficient ventilation. Suitable respiratory protection apparatus: Particle filter device (DIN EN 143): Particle filter - type P2 (medium capacity - colour code: white) or particle filter - type P3 (high capacity - colour code: white). For short term use: Protecting mask against dust.

Skin/body protection

Wear suitable protective clothing.

Hand protection

Protective gloves according to EN 374. Nitrile rubber (NBR). Breakthrough time (maximum wearing time): >480 min. The specifications of the manufacturer of the protective gloves regarding permeability and breakthrough times must be observed.

Environmental exposure controls

No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: solid
Colour: grey
Odour: poor, characteristic
Density: approx. 1.4 - 1.5 g/cm³ at 20 °C
pH: 11
Water solubility: reacts with water

Trade Name: EUCOPROOF CEM REACTIVE
Version: 1
Revision Date: 24.08.2020

9.2. Other information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Product cures with moisture.

10.2. Chemical stability

Product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Reacts with water strongly caustic.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Following inhalation

May cause respiratory irritation.

Following skin contact

Causes skin irritation.

Following eye contact

Causes serious eye damage.

SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

No information available.

Trade Name: EUCOPROOF CEM REACTIVE
Version: 1
Revision Date: 24.08.2020

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

Contains no PBT / vBvP-substance.

12.6. Other adverse effects

No information available.

12.7. Additional information

Do not allow undiluted product or large quantities to reach sewage system.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal

May be disposed after solidification in accordance with local official regulations. Waste codes / waste designations according to EWC: 17 09 04: Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 0902 and 17 09 03.

Appropriate disposal / Package

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

Additional information

The classification of waste for this product may change according to the field of its application. Please observe Directive 2001/118/EC.

SECTION 14: Transport information

14.1. Land transport (ADR(RID))

No dangerous good in sense of these transport regulations.

14.2. Inland waterways transport (ADN)

No dangerous good in sense of these transport regulations.

14.3. Marine transport (IMDG)

No dangerous good in sense of these transport regulations.

14.4. Air transport (IATA)

No dangerous good in sense of these transport regulations.

Trade Name: EUCOPROOF CEM REACTIVE
Version: 1

SECTION 15: Regulatory information

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

National regulatory information

Observe in addition any national regulations.

Water contaminating class

Water contaminating class: 1 - slightly water contaminating

Restrictions of occupation

Please consider possible restrictions for the protection of pregnant and breastfeeding women at work (Directive 92/85/EC) and for the protection of young people at work (Directive 94/33/EC).

15.2. Chemical safety assessment

No information available.

SECTION 16: Other information

Relevant H-statements (number and full text)

H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.

Additional information

The information contained in this document is to assist customers in determining whether our products are suitable for their applications. Our products are intended for sale to industrial and commercial customers. The customer must inspect and test our products before use, and satisfy themselves as to the contents and suitability. Nothing herein shall constitute a warranty, expressed or implied, including any warranty of merchantability or fitness, nor is protection from any law or patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is replacement of our materials, and in no event shall we be liable for special, incidental, or consequential damages.