

Trade Name: EUCOPROOF CEM PLUG
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 PLUG

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
Calcium Sulfoaluminate Clinker

Signal word: Danger

Trade Name: EUCOPROOF CEM PLUG
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. |
| P301+P310 | IF SWALLOWED: Immediately call a POISON CENTER/doctor. |
| 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. |
| P333+P313 | If skin irritation or rash occurs: Get medical advice/attention. |

2.3. Other hazards

Adverse human health effects and symptoms

Reacts with water strongly caustic - protect skin and eyes.

SECTION 3: Composition / information on ingredients

3.1. Substances

Chemical characterization

Cement, binder, aggregates (sand, chalk), flux agents, additives

Hazardous components

| CAS No | EC No. | Chemical name / Classification | Qty. |
|------------|-----------|--|-------|
| 65997-15-1 | 266-043-4 | Portland Cement | < 20% |
| | | Skin Irrit., 2, H315; Eye Dam., 1; H318; STOT SE, 3, H335 | |
| 65997-15-1 | 934-133-9 | Calcium Sulfoaluminate Clinker | < 15% |
| | | REACH registration number: 01-2119486767-17 | |
| | | Skin Irrit., 2, H315; Eye Dam., 1; H318; Skin Sens., 1, H317; STOT SE, 3, H335 | |

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

Further Information

Products containing cement, low in chromate according to Directive No. 1907/2006/EG, Annex XVII (47). Due to chrome-VI content less than 2 ppm, declaration with H317 is not required.

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General notes

In all cases of doubt, or when symptoms persist, seek medical advice.

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. Do not rub eyes.

Following inhalation

Provide fresh air. If experiencing respiratory symptoms: Call a doctor.

Following skin contact

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

Following ingestion

Rinse mouth immediately and drink plenty of water. Do not induce vomiting. Call a doctor if you feel unwell. If medical advice is needed, have product container or label at hand.

Self-protection to the first aider

Pay attention to self-protection!

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

May damage the eye-cornea. Irritation to respiratory tract, skin, mucosa. May cause dermatitis.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguishing powder, carbon dioxide, foam, water spray jet

Unsuitable extinguishing media

Full water jet

5.2. Specific hazards arising from the chemical

Non-flammable

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

5.3. Advice for firefighters

Co-ordinate fire-fighting measures to the fire surroundings. Use water spray jet to protect personnel and to cool endangered containers.

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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, eyes and clothes. Provide adequate ventilation.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Avoid dust formation. Take up mechanically. Provide adequate ventilation. Treat the recovered material as prescribed in the section on waste disposal. Clean contaminated articles and floor according to the environmental legislation.

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.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid dust formation. Use only in well-ventilated areas. If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe dust. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep the packing dry and well-sealed to prevent contamination and absorption of humidity.

Further information on storage conditions

Storage temperature: 5 - 25 °C

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

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

7.3. Specific end use(s)

Mortar based on special cements - Observe technical data sheet.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Exposure limits (EH40)

| CAS No. | Substance | mg/m ³ | Category | Orig. |
|-------------------------|---|-------------------|----------------------------|------------|
| 65997-15-1 | Portland Cement, inhalable dust Calcium Sulfoaluminate Clinker, inhalable dust | 10 | TWA (8 h) STEL (15 min) | WEL WEL |
| 65997-15-1 | Portland Cement, respirable dust Calcium sulfoaluminate clinker, respirable dust | 4 | TWA (8 h) STEL (15 min) | WEL WEL |
| 471-34-1 / 1317-65-3 | Calcium Carbonate, respirable dust | 4 | TWA (8 h) STEL (15 min) | WEL WEL |

DNEL / DMEL values

| CAS No. | Substance | | |
|---------------------|-------------------|--------|------------------------|
| DNEL type | Exposure route | Effect | Value |
| 471-34-1 | Calcium Carbonate | | |
| Worker, long-term | inhalation | local | 4,26 mg/m ³ |
| Consumer, long-term | inhalation | local | 1,06 mg/m ³ |

PNEC values

| CAS No. | Substance | Environmental compartment | Value |
|----------|-------------------|--|----------|
| 471-34-1 | Calcium Carbonate | Micro-organisms in sewage treatment plants | 100 mg/l |

Additional advice on limit values

General dust limits WEL-TWA: 10 mg/m³ (total inhalable dust), 4 mg/m³ (respirable dust)

8.2. Exposure controls

Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe dust. Avoid contact with eyes and skin.

Protective and hygiene measures

Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink. Provide adequate ventilation. Do not breathe dust.

Eye/face protection

Tightly sealed safety glasses in accordance with EN 166.

Respiratory protection

Respiratory protection necessary at insufficient ventilation. Particle filter device (DIN EN 143) recommended.

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

Skin/body protection

Wear suitable protective clothing.

Hand protection

Wear protective gloves according to EN 374. Material: alkali-resistant, abrasion resistant, water-proof

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-------------------|---|
| Physical state: | solid |
| Colour: | grey |
| Odour: | odourless |
| Melting point: | > 1.000 °C |
| Density: | approx. 2.75 - 3.5 g/cm ³ at 20 °C |
| Bulk density: | approx. 0.9 - 1.5 g/cm ³ at 20 °C |
| pH: | 11 - 13.5 at 20 °C |
| Water solubility: | reacts with water |
| Solid content: | 100 % |

SECTION 10: Stability and reactivity

10.1. Reactivity

Contact with water liberates silicate hydrate and calcium hydroxide. After curing no reactivity.

10.2. Chemical stability

Product is stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Humidity, water

10.5. Incompatible materials

Strong acids, strong alkali, base metals

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

Irritation and corrosivity

Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.

Sensitising effects

Not sensitising.

Carcinogenic/mutagenic/toxic effects for reproduction

No information available.

STOT-single exposure

Irritation to respiratory tract and mucosa

STOT-repeated exposure

No information available.

Aspiration hazard

Not applicable

Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: Ecological information

12.1. Toxicity

The product is not ecotoxic.

12.2. Persistence and degradability

Product is inorganic. The methods for determining the biological degradability are not applicable to inorganic substances. After curing, the cement has no toxicity.

12.3. Bioaccumulative potential

Not applicable. Product is inorganic.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No information available.

12.7. Additional information

Main components are not harmful to aquatic organisms.

SECTION 13: Disposal considerations

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

13.1. Waste treatment methods

Product disposal

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation. Allow product to harden, then dispose of as construction waste. May be disposed after solidification in accordance with local official regulations. Waste codes / waste designations according to EWC: 10 13 11: WASTES FROM THERMAL PROCESSES; wastes from manufacture of cement, lime and plaster and articles and products made from them; wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10.

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.

SECTION 15: Regulatory information

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

EU regulatory information

Information according to 2012/18/EU: Not subject to 2012/18/EU (SEVESO III). No restriction according to REACH, mixture does not contain SVHC $\geq 0.1\%$ (w/w).

National regulatory information

Observe in addition any national regulations.

Water contaminating class

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

Water contaminating class: 1 - slightly water contaminating

Restrictions of occupation

Please consider possible restrictions for the protection of young people at work (Directive 94/33/EC).

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Relevant H-statements (number and full text)

| | |
|------|--------------------------------------|
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| 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.