

Trade name: EUCOPROOF BITUM 2C T - B
Version: 1
Revision date: 10-08-2020

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

1.1. Product identification

EUCOPROOF BITUM 2C T - B

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 products.

Uses advised against

No identified use.

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 Regulation (EC) n° 1272/2008 (CLP)

Serious eye damage / eye irritation

Category 1 H318

The explanation of the listed hazard warnings can be found in Section 16.

2.2 Label elements

Label elements according to Regulation (EC) n° 1272/2008 (CLP)

Hazardous components for labelling

Portland cement, chemicals

Signal word: Danger

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Warning pictograms



Hazard warnings

H318 Causes serious eye damage.

The explanation of the listed hazard warnings can be found in Section 16.

Safety instructions

P261 Avoid breathing dust / smoke / gas / mist / vapour / aerosol.
P280 Wear protective gloves / protective clothing / eye protection / ear protection / face protection.
P301+P310 After ingestion: Immediately call poison information centre / doctor.
P302+P352 After skin contact: Wash with plenty of water.
P305+P351+P338 After contact with eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if possible. Continue rinsing.
P333+P313 If skin irritation or rash occurs: Get medical advice / attention.

2.3 Other hazards

Strong alkaline reaction with water. Protect eyes and skin.

SECTION 3: Composition / Information on ingredients

3.2 Mixture

Hazardous ingredients

| CAS-N° | EC-N° | Substance name | Concentration |
|------------|-----------|---|---------------|
| 65997-15-1 | 266-043-4 | Portland cement, chemicals REACH-registration n°. 02-2119682167-31 Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Dam. 1, H318; STOT SE 3, H335 | ≥ 5 -< 10% |

The explanation of the listed hazard warnings can be found in Section 16.

Additional information

Cement-containing products, low in chromate according to Regulation 1907/2006/EG Annex XVII (47). Mention of H317 is not necessary because of <2 ppm chromium-VI.

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SECTION 4: First aid measures

4.1 Description of first aid measures

General information

If medical advice is required, have the packaging, identification label or safety data sheet ready.

After inhalation

Bring person to fresh air, keep warm, let rest. Medical assistance required if breathing is difficult.

After skin contact

Wash immediately with plenty of water and soap. If symptoms persist, contact a doctor.

After eye contact

Immediately rinse with running water for 10 to 15 minutes with the eyelid wide open. Remove contact lenses, if possible. Continue rinsing. See an ophthalmologist.

After ingestion

Do not induce vomiting. Rinse out mouth thoroughly with water. Give plenty of water to drink in small portions(). Call a doctor immediately.

Self-protection of the first aider

First aiders: Pay attention to self-protection!

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

After inhalation irritation of respiratory system - coughing; after skin contact: prolonged or repeated contact with skin or mucous membrane leads to irritation symptoms such as red-denning, blistering, skin inflammation, etc.; after eye contact: risk of serious eye damage.

4.3 Indication of any immediate medical attention or special treatment

Symptomatic treatment.

SECTION 5: Fire fighting measures

5.1 Extinguishing agents

Suitable extinguishing media

Carbon dioxide (CO₂), foam, extinguishing powder, water spray.

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Unsuitable extinguishing media

Full water jet.

5.2 Specific hazards arising from the substance or mixture

Hazardous combustion products

In the event of fire, carbon oxides, metal oxides and toxic gases can be formed.

5.3 Advice for fire-fighters

In the even of fire fighting, breathing protection with independent air supply and tightly fitting chemical protective suit required.

Additional information

Suppress gases / vapours / mists with a water spray jet. Contain contaminated fire fighting water separately. Do not discharge into drains or rivers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Emergency services

Provide adequate ventilation. Avoid the formation of dust. Wear personal protection. Do not inhale the dust. Avoid contact with skin, eyes and clothes.

6.2 Environmental protection measures

Avoid contact with water. Do not allow to get into bodies of water, sewage or the soil.

6.3 Methods and materials for containment and cleaning up

Avoid the formation of dust. Absorb mechanically. Provide adequate ventilation. Treat the absorbed material according to the section on waste disposal. Thoroughly clean contaminated objects and floors in compliance with environmental regulations.

6.4 Reference to other sections

Information on safe handling, see section 7.

Information on personal protective equipment, see section 8.

Information on disposal, see section 13.

SECTION 7: Handling and storage

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7.1 Precautions for safe handling

Advice for safe handling

Only use in well ventilated spaces. Avoid the formation of dust. Do not inhale the dust.
Avoid contact with eyes and skin.

Measures to prevent fire and explosions

No special precautions required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and containers

Provide sufficient ventilation and punctiform suction at critical points.

Advice on common storage

Keep away from food.

Storage class

13 (non-flammable solids).

Storage temperature for personal safety

5- 25 °C

Further information on storage conditions

Protect from moisture. In case of moisture or overlaying, the chromate reducer contained may lose its effectiveness and a sensitizing effect after skin contact cannot be ruled out.

7.3 Specific end uses

No information available.

SECTION 8: Exposure controls / personal protective equipment

8.1 Control parameters

Occupational exposure limit values (TRGS 900)

| CAS-N° | Substance name | Value | Peak lim. | Type |
|------------|----------------------------|---|-----------|----------|
| 65997-15-1 | Portland cement, chemicals | 10 mg/m ³ E 1.25 mg/m ³ A | 2 (II) | AGW (DE) |

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A: respirable fraction, B: inhalable fraction

8.2 Exposure controls

Appropriate technical control equipment

In case of open handling, devices with local exhaust ventilation are to be used. Do not inhale the dust.

Personal protection

General protective and hygiene measures

Take off dirty, soaked clothes immediately. Create and observe a skin protection plan! Wash hands and face thoroughly before breaks and at the end of work, shower if necessary. Do not eat, drink, smoke or sniff on the work place.

Eye / face protection

Goggles according to EN 166.

Skin protection

Wear suitable protective clothing when working.

Hand protection

Protective gloves in accordance with EN 374. Nitrile rubber (NBR) Permeation time (maximum wearing time): >480 min. The information provided by the manufacturer of the protective gloves on permeability and breakthrough times must be observed.

Respiratory protection

Respiratory protection is required in case of inadequate ventilation. Particle filter device (DIN EN143) with particle filter - type P2 (medium separation efficiency - colour: white) or particle filter - type P3 (large separation efficiency - colour: white). For short-term use: Dust mask.

Limitation and supervision of environmental exposure

This substance must not be disposed of in the sewer system, in the ground or in water.

SECTION 9: Physical and chemical properties

9.1 Information on basis physical and chemical properties

| | |
|-----------------|----------------|
| Physical state: | solid |
| Colour: | grey |
| Odour: | characteristic |
| pH value: | 11 - 13,5 |

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| | |
|-------------------|--------------------------------|
| Relative density: | 1,1 g/cm ³ at 23 °C |
| Solubility: | Reacts with water |

9.2 Other information

No information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Product hardens with moisture.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Strong alkaline reaction with water.

10.4 Conditions to avoid

Moisture, water.

10.5 Incompatible materials

Strong acids, strong bases, base metals, strong oxidizing agents.

10.6 Hazardous decomposition products

No hazardous decomposition products if stored and handled properly.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Information on Portland cement, chemicals

Acute toxicity, oral

Result: No acute oral toxicity was found in animal studies with cement oven dusts and cement dusts.

Acute toxicity, dermal

Dose: LD50 2.000 mg/kg
Species: Rabbit
Duration: 24 h
Result: No lethality.

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Acute toxicity, inhalation

Dose: LD50 5 g/m³
Species: Rat
Result: No acute toxicity.

Skin corrosion / irritation

Result: The product irritates the skin and mucous membranes.

Serious eye damage / eye irritation

Result: risk of serious eye damage and blindness.

Respiratory / skin sensitization

Respiratory sensitization

Result: Based on the available date, the classification criteria are not fulfilled.

Skin sensitization

Result: Irritant or allergic contact dermatitis possible.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity

Result: Based on the available date, the classification criteria are not fulfilled.

Carcinogenicity

Result: Based on the available date, the classification criteria are not fulfilled.

Reproductive toxicity

Result: Based on the available date, the classification criteria are not fulfilled.

Specific target organ toxicity after single exposure

Result: May cause irritation of respiratory system and mucous membranes.

Specific target organ toxicity after repeated exposure

Result: Based on the available date, the classification criteria are not fulfilled.

Aspiration hazard

Result: Based on the available date, the classification criteria are not fulfilled.

Symptoms related to the physical, chemical and toxicological properties

After skin contact May cause irritation.

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| | |
|-------------------|-------------------------------|
| After inhalation | May cause irritation. |
| After eye contact | May cause serious eye damage. |

SECTION 12: Environmental information

12.1 Toxicity

Aquatic hazard

Information on Portland cement, chemicals

No data available.

12.2 Persistence and degradability

Information on Portland cement, chemicals

The product is not easily biodegradable.

12.3 Bioaccumulative potential

Information on Portland cement, chemicals

No data available.

12.4 Mobility in soil

Information on Portland cement, chemicals

No data available.

12.5 Results of the PBT and vPvB assessment

The mixture does not meet the criteria for classification as PBT or vPvB.

12.6 Other environmental effects

No data available.

Additional ecotoxicological information

Do not let into sewage system undiluted or in large quantities.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal taking into account all applicable international, national and local laws, ordinances and statutes. For disposal within the EU, the applicable waste code according to the European Waste Catalogue (EWC) must be used. Uncontaminated and completely emptied packaging can be recycled. Treat contaminated packaging like the substance.

SECTION 14: Transport information

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14.1 Land transport (ADR(RID))

Not hazardous according to these transportation regulations.

14.2 Inland waterway transport (ADN)

Not hazardous according to these transportation regulations.

14.3 Sea transport (IMDG)

Not hazardous according to these transportation regulations.

14.4 Air transport (ICAO-TI / IATA-DGR)

Not hazardous according to these transportation regulations.

SECTION 15: Regulatory information

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

EU Regulations

Approvals and/or restrictions in use

This product contains one or more substances that are subject to authorisation : Portland cement (chromium VI reduced), CAS-n°. 65997-15-1, item 47.

National regulations

Notes on employment restrictions

Observe employment restrictions for young people (§22 JArbSchG). Observe employment restrictions for nursing and to-be mothers.

Water hazard class

1 - slightly hazardous to water (classification accord. AwSV, Annex 1 No. 5.2))

15.2 Chemical safety assessment

Chemical safety assessments have been carried out for substances >10 t/a by the respective REACH-registrants. No chemical safety assessment was carried out for this mixture.

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SECTION 16: Other information

16.1 Explanation of the hazard warnings and/or safety warnings as referred to in Sections 2 to 15

| | |
|------|---|
| H315 | Causes skin irritation |
| H317 | May cause allergic reactions to the skin. |
| H318 | Causes serious eye damage. |
| H335 | May cause respiratory irritation |

Additional information

The information in this safety data sheet corresponds to the best of our knowledge at the time of printing. The information is intended to provide guidelines for the safe handling of the product named in this safety data sheet during storage, processing, transport and disposal. The details are not transferable to other products. If the product is mixed or processed with other materials, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless otherwise stated. The information is based on our current level of knowledge, but does not represent any assurance of product properties and does not establish a contractual legal relationship. It is the responsibility of the recipient of our products to observe existing laws and regulations.