



## 1. Identification of the substance/preparation

# Cerafill 5, Cerafill 5 Colour, Cerafill 10, Cerafill 10 Colour, Cerafill 15 quick, Cerafill 20

## 2. Composition/ingredient information

CAS-no.	EINECS/ ELINCS	Components	Content-%	Classification
65997-15-1	166-043-4	Portland cement	25-100	Xi; R36/37-41

For the full text of the R-phrases see chapter 16.

## 3. Hazards identification

The product contains cement that can cause eye- and skin irritation and irritation of the respiratory tract.

Cement mixed with water: Calcium hydroxide is generated when mixed with water and may be strongly irritating to corrosive. Risk of serious eye damage.

## 4. First aid measures

**Inhalation:** Seek fresh air. Keep injured person under observation. By continuous discomfort seek medical attention.

**Ingestion:** Rinse mouth thoroughly with water. Let the injured drink water or milk. Seek medical attention if discomfort continues.

**Skin contact:** Remove contaminated clothes. Wash the skin with plenty of soap and water. Get medical attention if any discomfort continues.

**Eye contact:** Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Seek medical attention and continue rinsing until doctor undertakes treatment.

## 5. Fire fighting measures

The product is not flammable. Use extinguishing medias in accordance with the surrounding fire. Harmful vapours and gas may develop when heated. In case of surrounding fire: Do not breathe gasses - use self-contained breathing apparatus, gloves, face protection, and one-piece suit.

## 6. Accidental release measures

In event of large spillage to external environment contact local authorities. Use a vacuum cleaner - if this is not possible avoid formation/spreading of dust. Disposal: see section 13.

## 7. Handling and storage

**Handling:** Avoid dust formation. There must be access to running water and eyewash. Wash hands before breaks, toilet visits, and after work. See section 8 for information on personal protection.

**Storage:** Store in original container in a dry place. Keep out of reach of children. Do not store with food, animal feeding stuffs, remedies, and the likes.

## 8. Exposure control and personal protection

**Precautions by handling the product:** Sufficient ventilation must be established (e.g. mechanical ventilation, local exhaust ventilation, or the like). If this is not possible use respiratory protection as stated below.

### Personal protection

**Respiratory protection:** Use a dust mask with a pore size smaller than 5 µm or a mask with particle filter P2 for dusty work and when mixing with water.

**Hand protection:** Use gloves of PVC, neoprene or vinyl.

**Eye protection:** Tight-fitting eye protection

### Occupational Exposure Limits (OEL):

Name	Air limit value	Reference
Total inhalable dust	10 mg/m <sup>3</sup>	EH40/2002
Respirable dust	4 mg/m <sup>3</sup>	EH40/2002
Calcium Hydroxide	5 mg/m <sup>3</sup>	EH40/2002

The OEL may be controlled by air monitoring.

## 9. Physical and chemical properties

**Form:** Powder

**Colour:** Available in various colours

**pH:** app. 13 (mixed cement)

## 10. Stability and reactivity

Humidity and water will harden the product.

## 11. Toxicological information

**Inhalation:** Inhalation of cement dust may irritate the mucous membranes in upper airways and may lead to throat irritation and instigate coughing. Repeated inhalation of cement dust over a longer period can cause lung damage.

**Ingestion:** Though not very likely, however, ingestion will lead to strong irritation, possible corrosion of mouth and stomach/intestinal canals depending on the quantity of the consumed.

**Skin contact:** Skin-irritating substances are generated after contact with water.

**Eye contact:** May cause strong irritation of the eyes. Risk of serious eye damage.

## 12. Ecological information

There is no data available for the product itself. Immobile. The product does not degrade. Do not allow contaminating drains, sewers, or watercourses.

## 13. Disposals considerations

Large quantities of powder should be collected in suitable containers and disposed of in accordance with local authority requirements. When mixed material is hardened it can be disposed of as normal building waste. Dispose of in accordance with local authority requirements.

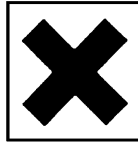
EAK-code: 17 09 04

## 14. Transport information

The product is not comprised by the regulations on the transport of dangerous goods.

## 15. Regulatory information

Label for supply:



Irritant

**R-phrases:**

R37/38: Irritating to respiratory system and skin

R41: Risk of serious damage to eyes

**S-phrases:**

S2: Keep out of the reach of children

S22: Do not breathe dust

S24: Avoid contact with skin

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S39: Wear eye/face protection

Approved Code of Practice: Classification and Labelling of Substances and Preparations Dangerous for supply

**Other labelling:** The chromate content is less than 2 mg/kg cement (below 2 ppm limit). Durability is unlimited when stored dry. Chromate reducing agent will become inactive if stored in a humid environment, such as a building site. Broken/opened packaging should be sealed following use and applied as soon as possible.

**Training advice:** No special training is necessary but a thorough knowledge of this safety data sheet is a condition.

## 16. Other information

The given R-phrases in chapter 2 and 3 are to read as follows:

R37: Irritating to respiratory system

R38: irritating to skin

R41: Risk of serious damage to eyes.

**Recommended use:** Cement powder for grouting of ceramic tiles.

**Trade:** Builders and Construction. Sold in retail and industry.

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