

Uniclass L6412+L5171	EPIC F32+E271
Cl/SfB	Yq4+Pr4

EuroMix Dry Mortar Products

Safety Datasheet

1. Identification

Products: Concrete, Mortars, Renders and Screeds

Produced by: CPI Mortars Ltd/CPI Ltd

2. Composition

The dry product contains cement, lime (calcium hydroxide), fine aggregate and admixtures. Pigments may be added to colour the product to customer requirements.

Bulk product is supplied by CPI in a purpose made silo, complete with integral continuous mixer in which addition of water takes place to dispense the wet product.

Bagged product is supplied by CPI in 25kg or 1 tonne bags.

3. Hazards Identification

Dry product:

Irritating to eyes, respiratory system and skin. May cause sensitisation by skin contact.

Wet product:

Irritating to skin and eyes. May cause burns after prolonged contact. May cause sensitisation by skin contact.

4. First Aid Measures

Skin contact:

Remove contaminated clothing. Wash immediately with plenty of water.

Eye contact:

Irrigate eye with water or saline solution for at least 15 minutes. Seek medical advice without delay.

Ingestion:

Do not induce vomiting. Wash out mouth with water and give plenty of water to drink.

Inhalation:

Remove from exposure. If respiratory tract becomes inflamed, seek medical advice.

5. Fire Fighting Measures

Non combustible. Product will not facilitate combustion with other materials.

6. Accidental Release Measures

Dry product:

Wearing suitable personal protective equipment, use vacuum system and minimise generation of airborne dust.

Wet product:

Wearing suitable personal protective equipment, place spilled material in a suitable container. The product will set as a hard material.

Hardened product:

Sets to a hard, inert material.

7. Handling and Storage

Handling:

Avoid contact with skin and eyes. Wear appropriate personal protective equipment. See Section 8.

Storage:

Bulk dry product must only be stored in CPI silos before being mixed with water and used. Product dispensed from the silo usually sets to solid material within 3 hours and may not be stored.

Bulk bags and packed products must be stored clear of the ground in cool, dry conditions and protected from wind, rain and external physical damage. Packed products must be stored in unopened bags.

8. Exposure Controls/ Personal Protection

Exposure Controls

Exposure by inhalation may be avoided by the correct use of the CPI silo, which dispenses the wet product only.

Personal Protection

Respiratory Protection:

Suitable respiratory protection should be worn when exposure to the dry product is likely.

Skin Protection:

Wear suitable personal protective equipment to ensure that the wet product does not come into contact with the skin.

Eye Protection:

Wear suitable eye protection.



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9. Physical and Chemical Properties

Appearance:

Dry product – Powder, grey in colour, or coloured to customer requirements. Wet product – Thick slurry, grey in colour or coloured to customer requirements.

pH: Strongly alkaline.

10. Stability and Reactivity

Chemically stable. Usually hardens to solid material on standing for 3 hours after being mixed with water.

11. Toxicological Information

Risk of burns, irritant dermatitis and sensitisation from skin contact.

12. Ecological Information

Wet product may be toxic to aquatic life. No long-term ecological effects.

13. Disposal Considerations

Wearing appropriate personal protective equipment, place spilled wet product in a suitable container. The product will set as a hard material.

The hardened product should be disposed of according to local regulations.

14. Transportation

Not classified as dangerous for transport.

15. Regulatory Information

Risk phrases

Irritant: Xi

- Risk of serious damage to eyes – R41.
- Irritating to respiratory system – R37 (dry product).
- Irritating to the skin – R38.
- Contains chromium (VI). May produce an allergic reaction.

Safety phrases

- Wear suitable protective clothing and gloves – S36, S37.
- After contact with skin, wash immediately with plenty of water – S28.
- Do not breathe dust – S22.
- Keep locked up.
- Keep out of reach of children.
- In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

Exposure Standards

Workplace Exposure Limit,
10mg/m³ total inhalable dust - 8 hour Time Weighted Average
4 mg/m³ respirable dust - 8 hour Time Weighted Average

16. Other Information

For further information contact CPI Mortars Ltd/CPI Ltd

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