



Product code: 05400 Revision date: 18.06.25

HYDROCRETE

Combined Crystalline & Pore-Blocking Waterproof Concrete Admixture

This MSDS is not required by Article 31 of Regulation (EC)1907/2006 (REACH) as the relevant substance is not classified as hazardous, however, to comply with Article 32 of REACH Regulation and provide customers with relevant information the format of the MSDS according to Commission Regulation (EU) No. 2020/878 has been used.

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Product Identifier.

Hydrocrete

REACH Registration No: Exempt from registration according to the criteria of Annex II of Annex V. "Exemptions from the Registration Obligation" according to Article 2 (7) b, paragraph 9.

Details of the supplier of the data sheet

Premcrete Ltd

44 Macadam Way

West Portway Industrial Estate

Andover

Hampshire

SP10 3XW

sales@premcrete.com

www.premcrete.com

Emergency telephone number

+44 (0) 800 6191619

7.00am-5:00pm Mon-Fri

2. COMPOSITION INFORMATION ON INGREDIENTS

Mixture of pigments and surfactants not classified as hazardous.

Classification R1272 / 2008: Non-Hazardous

Structural Waterproofing | Gas Protection | Concrete Repair | Technical Grouts |
Joint Sealants | Protective Coatings | Admixtures

www.premcrete.com | 02380 276166 | sales@premcrete.com
44 Macadam Way, West Portway, Andover, Hampshire, SP10 3XW

3. HAZARD IDENTIFICATION

3.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP): No classification

3.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP): Not relevant, substance is not classified as hazardous

3.3. Other hazards

May form combustible dust concentrations in air.

4. FIRST AID MEASURES

INHALATION: Remove patient from exposure, keep warm and at rest. If dry powder has been inhaled, the nose and throat should be thoroughly irrigated with water for at least 20 minutes. If distress is felt after inhalation of vapours, summon medical aid. Inhalation of free silica over a prolonged period can give rise to fibrosis of the lungs.

SKIN CONTACT: Remove contaminated clothing. After contact with skin, wash immediately with plenty of clean water (S28). Repeated contact over a prolonged period may produce an allergic reaction. Seek medical attention if irritation persists.

EYE CONTACT: SPEED IS ESSENTIAL. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice (S26). Remove any large particles with cotton wool bud. Contact lenses should be removed. Eye wash stations should be available in areas where exposure is possible.

INGESTION: Do not induce vomiting. Wash mouth out with water and, if conscious, give plenty of water to drink. Seek medical attention. **NOTE** If symptoms persist, seek medical advice.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHER MEDIA: Will not support combustion. Compatible with all standard firefighting techniques.

EXPOSURE HAZARDS: Fire or decomposition products may contain oxides of carbon. The powder releases alkalis on contact with water and chemically hardens.

SPECIAL PROTECTIVE EQUIPMENT In a sustained fire, self contained breathing apparatus should be worn.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Ensure adequate ventilation. Wear suitable protective clothing, gloves and eyes face protection (S36/37/39). Avoid contact with eyes (S25). Do not breathe dust (S22).

SEE "EXPOSURE CONTROLS/PERSONAL PROTECTION"

ENVIRONMENTAL PRECAUTIONS: If material enters drains or sewers, dilute as much as possible with water. In case of contamination of streams, river or lakes, contact the National Rivers Authority.

CLEANING UP METHODS: Carefully sweep or vacuum up any mixed mortar and/or dry powder. Soak up polymer with sand or sawdust. Transfer to marked containers to await disposal. Wash away any residue with plenty of clean water.

SEE "DISPOSAL CONSIDERATIONS" and "STABILITY AND REACTIVITY"

7. HANDLING AND STORAGE HANDLING: Wear suitable protective clothing, gloves and eye/face protection (S36/37/39). Eye wash stations should be available in areas where accidental exposure IS POSSIBLE. THE NORMAL PRECAUTIONS relating to handling chemicals must be observed. Use to minimise the creation of dust and ensure adequate ventilation to keep the airborne concentrations below the recommended exposure limits.

SEE "EXPOSURE CONTROLS/PERSONAL PROTECTION"

STORAGE: Store in dry frost-free conditions, in original containers. Protect from high temperatures (40°C+) for prolonged periods.

8. EXPOSURE CONTROL AND PROTECTION MEASURES

RESPIRATORY: Normal conditions of ventilation are usually adequate. Wear a fine particle mask or respirator or use local exhaust ventilation as necessary when mixing in confined areas with inadequate ventilation or whenever there is any risk of the exposure limits being exceeded. This applies not only to the user, but to all people who cannot be vacated from the work area.

HAND: Use heavy duty gloves. Gloves may degrade or be damaged according to different circumstances of use. Always ensure gloves you are using are in good condition. Barrier creams may help to protect exposed areas but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

EYE: Eye protection designed to protect against liquid splashes, conforming to EN 1166 Chemical Grade, should be worn when handling dry powder or when there is risk of material entering the eye. Eye protection is essential when handling alkaline material.

SKIN: Wear suitable overalls. Remove grossly contaminated clothing and wash skin with plenty of clean water. Practice good personal hygiene.

ALL PERSONAL PROTECTION EQUIPMENT MUST BE SELECTED TO MEET THE REQUIREMENTS OF THE COSHH REGULATIONS.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Fine Powder
Odour	Mild
Melting Point/Freezing Point	120-180C
Bulk density	1100-1550KG/M ³
Flash Point	N/A
Flammability	Combustible in presence of flame
Solubility in water	Insoluble
Vapour Pressure	N/A

10. STABILITY AND REACTIVITY

STABLE UNDER NORMAL CONDITIONS OF STORAGE (SEE "HANDLING AND STORAGE")

CONDITIONS TO AVOID: Powder releases alkalis on contact with water and chemically hardens.

MATERIALS TO AVOID: Powder reacts vigorously with strong acids and, in the presence of moisture, will attack aluminium, lead and brass. Do not allow polymer to come into contact with metals or alloys that are liable to corrosion.

HAZARDOUS DECOMPOSITION PRODUCTS: May contain oxides of carbon. **HAZARDOUS POLYMERISATION:** None known.

11. TOXOLOGICAL INFORMATION

When used properly, it is not known to produce adverse effects

Acute toxicity Oral: No information available

Acute toxicity Dermal: No information available

Skin corrosion/irritation: No information available

Serious eye damage/irritation: No information available

Respiratory or Skin Sensitisation: No information available

Germ cell mutagenicity: No information available

Carcinogenicity: No information available

Reproductive toxicity: No information available

STOT- single exposure: No information available

STOT-repeated exposure: No information available

Aspiration hazard: No information available

12. ECOLOGICAL INFORMATION

Product should not be disposed of into rivers or other water courses without pre-treatment. Measures should be taken to prevent the release of dust to the ENVIRONMENT. APPROPRIATE ADDITIONS OF LOW concentrations to biological water treatment plants are not expected to cause any disturbances. Attention must be paid to local water treatment regulations.

AQUATIC TOXICITY RATING: LC50 aquatic toxicity rating not determined. The addition of cementitious materials to water will, however, cause the pH to rise and therefore be toxic to aquatic life in some circumstances.

13. DISPOSAL CONSIDERATIONS The product is not classified as hazardous waste and is suitable for controlled waste site disposal. Do not allow into water courses or dispose of where ground or surface waters may be affected. Large quantities of polymer must be coagulated before disposal.

DISPOSE OF IN ACCORDANCE WITH LOCAL AND NATIONAL REGULATIONS

Further information on disposal methods and contractors is available from the National Association of Waste Disposal Contractors.

Tel: 020 7824 8882

14. TRANSPORT INFORMATION

CONVEYANCE CLASSIFICATION: Not classified

15. REGULATORY INFORMATION

EC HAZARD CLASSIFICATION: Xi Irritant.

Regulation (EC) No 1907/2006 Registration, evaluation, authorization, and restriction of chemicals, establishing a European Chemicals Agency (REACH)

· Regulation (EC) No 453/2010 Registration, Evaluation, Authorisation and Restriction of Chemicals (REACHMSDS)

· Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

· Regulation (EC) No 286/2011 of the Commission, of 10 of March of 2011, that modifies, for effects of his adaptation to the technical and scientific progress, the Regulation (CE) n° 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.

15.2. Chemical safety assessment

Exempted under REACH registration, no chemical assessment required.