

Material Safety Data Sheet



NON HAZARDOUS – CHEMICAL IDENTIFICATION CODE NOT APPLICABLE

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY UNDERTAKING:

Product Name : HYDROCEM CR
HS CODE : 38244090
Application : Crystalline Cementitious Waterproofing Mortar
Manufacturer : MATEX CONSTRUCTION CHEMICALS
MANUFACTURING CO. L.L.C.
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2. HAZARDS IDENTIFICATION:

Symbol : Xi, Irritant
Risk Phrase(s) : R38, irritating to the skin
: R41, Risk of serious damage to the eyes
Safety Phrase(s) : S2, Keep out of reach of children
: S22, Do not breathe dust
: S24/25, Avoid contact with eyes, rinse immediately with
plenty of water and seek medical advice.
: S26, In case with contact with eyes, rinse immediately
with plenty of water and seek medical attention.
: S37/39, Wear suitable gloves and eye/face protection
: S46, If swallowed, seek medical advice immediately and
show this container or level.

3. COMPOSITION / INFORMATION ON INGREDIENTS:

Ingredients	% Composition	CAS No.
Portland Cement	30-60	65997-15-1
Inert Filler	30-50	14808-60-7
Additives	5-15	proprietary

4. FIRST AID MEASURES:

Eyes : Irrigate immediately with copious quantities of water
for several minutes. Obtain medical attention if an
irritation persists.

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Skin	:	Wash thoroughly with soap and water or suitable skin cleanser as soon as possible. Remove contaminated clothing immediately. Obtain medical advice if skin disorders develop.
Inhalation	:	Remove from exposure, rest and keep warm. Obtain medical attention immediately
Ingestion	:	Wash out mouth with water. DO NOT induce vomiting. Obtain medical attention.

5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media	:	None, not flammable.
Special Exposure Hazards	:	None

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions	:	Wear rubber boots in addition to the recommended protective clothing.
Environmental Precautions	:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures	:	Avoid the creation of dust in atmosphere. Gather into containers. Residues may be flushed to drain with large volumes of water.

7. HANDLING AND STORAGE:

Handling	:	Avoid creating dust. Avoid breathing dust. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid skin and eye contact.
Storage	:	Store in cool, dry area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Engineering Controls	:	No particular measures required
Respiratory Protection	:	Dust mask when dust is generated. Dust mask, P2 article filter
Hand protection	:	For short time contact (e.g As protection against splashes) protective gloves made from polychloroprene

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with inner layer of cotton (material thickness >1.0 mm, breakthrough time >480 min) are recommended according to EN 374

: In case of longer and repeated contact, please note that in practice, the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace. The gloves must be replaced immediately at the first signs of wear and tear. The information provided by the manufacturers and given in the relevant trade association regulations for industry safety must always be observed. We recommend that a hand care plan is drawn up in Cooperation with glove manufacturer and the trade association in accordance with the local operating conditions.

Eye Protection	:	Goggles which can be tightly sealed.
Skin Protection	:	Dustproof working clothes
General protection and Hygiene Measures	:	Avoid skin and eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical State	:	Powder
Colour	:	Cement Grey
Odour	:	Odourless
Boiling Point/Range (°C)	:	Not applicable
Melting Point/Range (°C)	:	Not applicable
Flash Point (closed) (°C)	:	None
Autoflammability (°C)	:	Not determined
Explosive Properties (%)	:	Not known
Specific Gravity (at 20°C)	:	2.06 ± 0.05

10. STABILITY AND REACTIVITY:

Stability	:	Stable
Conditions to Avoid	:	Exposure to air, contamination with water.
Materials to Avoid	:	Strong acids.
Hazardous Decomposition	:	None

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11. TOXICOLOGICAL INFORMATION:

Health Effects:

On Eyes	:	Irritating and may injure eye tissue if not removed promptly. Abrasive material - may cause damage to eyes
On skin	:	Irritation. See "chronic" effects.
By Inhalation	:	Irritating to respiratory system. Inflammation of the nasal mucous membrane by exposure to cement dust.
By Ingestion	:	May cause irritation of mouth, throat and digestive tract.
Chronic	:	Cement, cementitious grouts and mortars are known to cause both irritant and allergic contact dermatitis. Prolonged skin contact can result in chemical burns.

12. ECOLOGICAL INFORMATION:

Environmental / Assessment	:	Little detailed information is available on the ecological effects of this product, but its overall environmental impact is not regarded as significant.
Mobility	:	Insoluble in water.
Persistence and Degradability	:	Not readily biodegradable.
Bioaccumulative Potential	:	Not expected to be bioaccumulative.
Ecotoxicity	:	Not expected to be ecotoxic to fish/daphnia/algae.

13. DISPOSAL CONSIDERATIONS:

Disposal must be in accordance with local and national legislation.

Unused Product	:	Dispose of in an approved manner.
Used / Contaminated Product	:	As for unused product.
Packaging	:	The method of disposal must be acceptable to the local authority.

14. TRANSPORT INFORMATION:

This product is NOT classified as dangerous for transport.

Not hazardous according to RID, ADR, ADN, IMDG, IATA – DGR.

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15. REGULATORY INFORMATION:

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16. OTHER INFORMATION:

The data and advice given apply when the product is used for the stated application or applications. The product is not sold as suitable for any other applications. Use of the product for applications other than as stated in the sheet may give rise to risks not mentioned in this sheet. The product should not be used other than for the stated application or applications without seeking advice from MATEX.

If the product has been purchased for supply to a third party for use at work, it is the purchaser's duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet.

It is the responsibility and duty of the employer to inform employees and others who may be affected of hazards described in this sheet and of any precautions which should be taken.

This sheet does not constitute or substitute for the users own assessment of workplace risk, as required by other health and safety legislation.

Further copies of this Safety Data Sheet may be obtained from MATEX.