

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 2K FLEX Part A
HS Code : 38245000
Application : Two Part Elastomeric Cementitious Waterproofing Mortar
Manufacturer : MATEX CONSTRUCTION CHEMICALS
MANUFACTURING CO. L.L.C.
Address : P.O. Box 29585
Telephone : +971 4 3334140
Fax : +971 4 3334115
Email : info@matex.ae
Website : www.matex-global.com

2. HAZARDS IDENTIFICATION:

The product is classified as hazardous within the meaning of the valid (EU) preparation guideline.

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.
Cement Grey	25-50	65997-15-1
Sand	35-65	14808-60-7
Additives	1.0	1332-58-7

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4. FIRST AID MEASURES:

Eyes	:	Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention urgently
Skin	:	Wash immediately with copious quantities of water. Remove contaminated clothing immediately. Obtain medical advice if skin disorders develop.
Inhalation	:	Remove from exposure, rest and keep warm and obtain medical attention urgently.
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 Control Measures	:	No particular measures required.
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Respiratory Protection	:	Dust mask when dust is generated. Dust mask, P2 particle filter.
Hand Protection	:	For short time contact (eg. As protection against splashes) protective gloves made from polychloroprene with an 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
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
Relative Density (at 20°C)	:	1.45
Water Solubility	:	Insoluble

10. STABILITY AND REACTIVITY:

Stability	:	Stable
Conditions to avoid	:	Exposure to air, contamination with water.
Materials to avoid	:	Strong acids.

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**Hazardous Decomposition
Products** : None

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.

Bio-accumulative Potential : Not expected to be bio-accumulative.

Eco-toxicity : Not expected to be eco-toxic 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:

General Information:

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

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15. REGULATORY INFORMATION:

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.

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 of 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.

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NON HAZARDOUS – CHEMICAL IDENTIFICATION CODE NOT APPLICABLE

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

Product Name : HYDROCEM 2K FLEX Part B
HS Code : 39059100
Application : Two Part Elastomeric Cementitious Waterproofing Mortar
Manufacturer : MATEX CONSTRUCTION CHEMICALS
MANUFACTURING CO. L.L.C.
Address : P.O. Box 29585
Telephone : +971 4 3334140
Fax : +971 4 3334115
Email : info@matex.ae
Website : www.matex-global.com

2. HAZARDS IDENTIFICATION:

No significant hazard.

3. COMPOSITION / INFORMATION ON INGREDIENTS:

Ingredients	% Composition	CAS No.
Acrylic Co-Polymer	50	025987-66-0
Water	50	7732-18-5

4. FIRST AID MEASURES:

Eyes : Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention if irritation persists.
Skin : Wash thoroughly with soap and water or suitable skin cleanser as soon possible.
Inhalation : Remove from exposure, unlikely to occur.
Ingestion : Wash out mouth with water. Obtain medical attention

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5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media	:	Carbon dioxide, powder, foam or water. Do not use water jets.
Special Exposure Hazards	:	Material can splatter above 100°C. Polymer film can burn. Irritant fumes.
Special Protective Equipment	:	Self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions	:	Avoid contact with skin and eyes.
Environmental Precautions	:	Do not empty into drains / surface water / ground water.
Clean up Methods	:	Remove with liquid-absorbing material (sand, peat, sawdust).

7. HANDLING AND STORAGE:

Handling	:	Avoid skin and eye contact.
Storage	:	Store in cool, dry area. Protect from frost.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Occupational Exposure Limits	:	None assigned.
Engineering Control Measures	:	No specific ventilation requirement noted.
Personal Protective Equipment	:	Avoid skin and eye contact, impervious gloves (eg. nitrile or neoprene), goggles. When mist occurs during spraying operations, wear suitable respiratory protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical State	:	Liquid
Colour	:	White
Odour	:	Slight / Faint
pH (working dilution)	:	4.5 - 5.5
Boiling Point/Range (°C)	:	100
Melting Point/Range (°C)	:	0
Flash Point (closed) (°C)	:	None
Autoflammability (°C)	:	Not applicable
Explosive Properties (%)	:	Not applicable

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Oxidising Properties	:	Not applicable
Vapour Pressure (kPa at 20°C)	:	2.3 (water)
Relative Density (at 20°C)	:	1.08
Water Solubility	:	Emulsifiable

10. STABILITY AND REACTIVITY:

Stability	:	Stable
Conditions to avoid	:	Temperature (°C) below 2.
Materials to avoid	:	Non known
Hazardous Decomposition Products	:	Thermal decomposition. Oxides of carbon.

11. TOXICOLOGICAL INFORMATION:

Health Effects:

The following toxicological assessment is based on a knowledge of the toxicity of the product's components. Oral LD50, rat.> 5000 mg/kg. Dermal LD50, rat/rabbit > 5000 mg/kg.

Health Effects:

On Eyes	:	May cause transient irritation.
On skin	:	Unlikely to irritate on brief or occasional exposure.
By Inhalation	:	Low volatility makes inhalation unlikely at ambient temperatures.
By Ingestion	:	May cause irritation of mouth, throat and digestive tract.
Chronic	:	Low order of acute toxicity. May cause irritation of mouth, throat and digestive tract.

12. ECOLOGICAL INFORMATION:

Environmental / Assessment	:	When used and disposed of as intended, no adverse environmental effects are foreseen.
Mobility	:	Mobile liquid, emulsifiable in water.
Persistence and Degradability	:	Inherently biodegradable.
Bioaccumulative Potential	:	Not expected to be bioaccumulative.
Ecotoxicity	:	Not expected to be ecotoxic to fish/daphnia/algae.

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13. DISPOSAL CONSIDERATIONS:

Disposal must be in accordance with local and national legislation.

Unused Product	:	Dispose of in an approved manner. Do not empty into drains, sewers or water courses.
Used / Contaminated Product	:	As for unused product.
Packaging	:	May be steam cleaned and recycled.

14. TRANSPORT INFORMATION:

General Information:

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

15. REGULATORY INFORMATION:

Hazard Label Data:

Safety Phrases	:	S24/S25/S26; Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
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16. OTHER INFORMATION:

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