

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 1K FLEX
HS CODE : **38245000**
Application : Single Component Flexible Waterproofing Slurry
Manufacturer : MATEX CONSTRUCTION CHEMICALS
MANUFACTURING CO. L.L.C.
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2. HAZARDS IDENTIFICATION:

Hazards information:

Risk Phrase(s) : R36, Irritating to the eyes
R37, Irritating to the respiratory system
R38, Irritating to the skin
Safety Phrase(s) : S22, Do not breathe dust.
S24, S25; Avoid contact with skin and eyes.
S26; In case of contact with eyes, rinse immediately
with plenty of water and seek medical advice.
S36, S37, S39; Wear suitable protective clothing, gloves
and eye/face protection.

3. COMPOSITION / INFORMATION ON INGREDIENTS:

Ingredients	% Composition	CAS No.
Ordinary Portland Cement	30-40	65997-15-1
Sand	35-45	14808-60-7
Polymer Powder	10-15	24937-78-8

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4. FIRST AID MEASURES:

First aid

Eye contact	:	Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention urgently.
Skin Contact	:	Wash immediately with copious quantities of water. Remove contaminated clothing immediately. Obtain medical advice if skin disorders develops.
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	:	All common extinguishing agents are available.
Special Protection Equipment For Fire Fighters	:	Wear self-contained breathing apparatus. Wear protective equipment.
Specific Hazards	:	Non-combustible

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions	:	Avoid dust formation. Avoid contact with skin and eyes.
Environmental Precautions	:	Do not empty into drains / surface water / ground water. Inform authorities in the event of product spillage to water courses or sewerage systems.
Decontamination Procedures	:	Remove mechanically. 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.
Storage	:	Store in cool, dry area.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Occupational Exposure Limits :

Substance		8 Hour TWA	STEL	Source / Other information
Calcium Hydroxide	:	5mgm ³		EH 40
Silica, Crystalline	:	0.4mgm ³		EH 40 (MEL)
Respirable Dust				
Portland Cement	:	10mgm ³		EH 40
Total Inhalable Dust				
Respirable Dust	:	5mgm ³		EH 40

Engineering Control Measures : Atmospheric levels of dust must be maintained within the occupational exposure limit. Where mechanical methods are inadequate or impractical, appropriate personal protective equipment must be used.

Personal Protective Equipment : Impervious gloves (eg. PVC), goggles / safety glasses. Approved dust mask. Change contaminated clothing immediately and clean before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical State	:	Powder
Colour	:	Grey or other colors
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)	:	1.4
Water Solubility	:	Insoluble
Further information		

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	:	None
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11. TOXICOLOGICAL INFORMATION:

Health Effects:

On Eyes	:	Irritating and may injure eye tissues if not removed promptly. Abrasive material – may cause damage to eyes.
On Skin	:	Primary skin irritation: Irritating
By Inhalation	:	Irritating to respiratory system. Inflammation of the Nasal mucuos 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:

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

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15. REGULATORY INFORMATION:

Hazard Label Data:

Named Ingredients	:	Cement Powders
Symbol (s)	:	Xi
Risk Phrases	:	R36, Irritating to the eyes R37, Irritating to the respiratory system R38, Irritating to the skin
Safety Phrases	:	S22, Do not breathe dust. S24, S25; Avoid contact with skin and eyes. S26; In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36, S37, S39; Wear suitable protective clothing, gloves and eye /face protection.

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.