1. HAZARD IDENTIFICATION

1.1 Dry Product:

R37/38: Irritating to Respiratory System and Skin

R 41 : Risk of Serious Damage to eyes

Primary Routes of Entry:

Inhalation:

Frequent Inhalation of Large quantities of high strength bedding concrete

Over a long period of time increases the risk of developing lung disease

Skin/Eyes

Eye Contact with high strength bedding concrete may cause serious injury

Skin Contact with high strength bedding concrete may have an irritating effect on skin

1.2 Wet Product

R 41 : Risk of serious damage to eyes

R 43 : May cause sensitization to eyes

Primary Routes of Entry:

Skin:

Prolonged Skin contact with high strength bedding concrete may cause serious sensitization/burns because they develop without pain been felt

Eyes:

Eye Contact with high strength bedding concrete may cause serious injury.

2. **COMPOSITION**

The dry product contains Portland Cement, Calcium Hydroxide, Limestone aggregates, chemical Additives.

The wet product contains Portland Cement, Calcium Hydroxide, Limestone aggregates, Water, chemical Additives.

3. FIRST AID MEASURES

3.1 Eye Contact:

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

3.2 Skin Contact:

Remove contaminated clothing. Wash immediately with plenty of water.

3.3 Inhalation:

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

3.4 Ingestion:

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

In all cases of doubt or where symptoms persist medical advice must be obtained.

4. FIRE FIGHTING MEASURES

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

5. ACCIDENTAL RELEASE MEASURES

5.1 Dry Product

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

5.2 Wet Product

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

5.3 Hardened Product

Sets as a hard inert material.

6. HANDLING & STORAGE

6.1 Handling

Avoid contact with eyes and skin, Wear appropriate personal protective equipment as detailed in Section 8.

6.2 Storage

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.

7. EXPOSURE CONTROLS / PERSONAL PROTECTION

7.1 Respiratory Protection

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

7.2 Skin Protection

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

7.3 Eye Protection

Wear suitable eye protection

8. PHYSICAL & CHEMICAL PROPERTIES

Appearance:

8.1 Dry Product

High strength bedding concrete is a powder, usually grey in colour or coloured to customer requirements.

8.2 Wet Product

High strength bedding concrete is used in various states of workability, grey in colour or coloured to customer requirements. The pH level of the product is strongly alkaline.

9. STABILITY & REACTIVITY

Chemically stable.

10. TOXICOLOGICAL INFORMATION

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

11. ECOLOGICAL INFORMATION

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

12. DISPOSAL CONSIDERATIONS

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

13. TRANSPORT INFORMATION

Not classified as dangerous for transport.

14. REGULATORY INFORMATION

Risk Phrases

Irritant: Xi

1. Risk of serious damage to eyes – R41

2. Irritating to respiratory system – R 37 (dry product)

3. Irritating to the skin – R 38

4. May cause sensitization by skin contact

5. Contains chromium (VI). May produce an allergic reaction.

Safety Phrases

1. Wear suitable protective clothing, gloves and eye protection - S36, S37, S39

2. After contact with skin, wash immediately with plenty of water - S24/s25

3. Avoid contact with eyes/wash immediately with plenty of water—S28/S26

4. 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)

15 OTHER INFORMATION

See Portland Cement SDS