

KELLY'S OF FANTANE (CONCRETE) LTD.

MATERIAL SAFETY DATA SHEET-CONCRETE BLOCKS

1.(a) Identification of Product

Concrete Blocks for wall construction.

(b) Name of Company: Kellys of Fantane (Concrete) Ltd

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(c) Application

Use of Concrete Blocks should be in accordance with the relevant National/European codes of practice.

2. Composition of Ingredients

Concrete blocks are a mixture of natural aggregates, cement and water. Admixtures may be added to modify the properties of the finished product.

3. Hazard Identification

- 3.1 Concrete blocks are abrasive and typically weigh 20kg each, depending on shape and density and should be handled accordingly.
- 3.2 Bales of concrete blocks may contain up to 48 blocks and can weigh up to 1.5 tonnes, depending on size, quantity and bale configuration.
- 3.3 Strapping is only designed to facilitate handling during manufacture and should not be relied upon to provide stability of bales during transport, site handling or storage. Strapping is sharp and tensioned and can cause injury when removing or otherwise handling it.

3.4 Cutting, drilling or hammering of concrete blocks can create dust. If inhaled in excessive quantities over extended periods, respirable dust can constitute a long-term hazard. Cutting, drilling or hammering of concrete blocks, unless adequately controlled, can project particles at high velocity with consequent risk of impact damage and /or injury particularly to exposed areas of the body and eyes.

4. First Aid Measures

First Aid treatment is as follows:

4.1 Eye Contact

Immediately rinse under running water and seek medical advice.

4.2 Cuts/Abrasions

Cuts/abrasions from concrete blocks should be cleaned and treated using the normal First-Aid method. Wounds must receive prompt medical attention.

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

5. Fire Fighting Measures

Not applicable.

6. Accidental Release Measures

6.1 Avoid contact with skin.

6.2 Tidy up debris from broken blocks.

7. Handling and Storage

7.1 Protect skin when handling concrete blocks.

7.2 Use suitable handling and transport equipment when handling bales of blocks.

7.3 Before lifting always size up the load. Always follow safe lifting and manual handling procedures.

7.4 Ensure adequate load-bearing capacity of ground, floors or platforms when placing or storing bales of blocks on site.

7.5 Bales of blocks can become unstable over time and should not be stacked to excessive heights.

8. Exposure Controls/Personal Protection

8.1 Hand Protection

Wear suitable protective gloves.

8.2 Skin Protection

Avoid block and strap contact with skin as this can cause cuts and abrasions.

8.3 Eye Protection

Wear goggles to prevent eye contact from flying particles when cutting, drilling or hammering concrete blocks, or from breaking straps.

8.4 Masks

Wear appropriate respiratory protection when cutting, drilling or hammering concrete blocks.

8.5 Footwear

Wear footwear with protective toecaps when working with concrete blocks.

8.6 Head Protection

Head protection to be worn with risk of falling blocks e.g. between stacks, elevated platforms, edges, etc.

9. Physical and Chemical Properties

Concrete blocks are usually grey in colour. The product is abrasive.

10. Stability and Reactivity

Ensure integrity and stability of bales whilst stored on sight.

11. Toxicological Information

Not applicable.

12. Ecological Information

Concrete blocks have no ecological effects.

13. Disposal Considerations

Concrete blocks may be recycled or placed in approved licensed landfill site.

14. Transport information

Ensure security and safety of load at all times.

DISCALIMER.

This material Safety Data Sheet has been prepared by the Irish Concrete Federation in consultation with its members and with technical assistance from the Industry's Safety Committee.

Every care has been taken to ensure that the information herein is correct and accurate at the date of publication. However, the Irish Concrete Federation Ltd cannot accept responsibility or liability for any errors, inaccuracies or omissions which may have occurred inadvertently.