

HEALTH AND SAFETY PRODUCT DATA SHEET

MODULAR CONCRETE

1. Application

The Use of Paving Flags should be in accordance with the relevant National and European Union Codes of Practice.

5. Fire Fighting Measures

Not applicable.

2. Hazard Identification

Paving Flags are abrasive and typically weigh 25 kg each, depending on shape and density and should be handled accordingly. Bales of Paving Flags may vary in size and weigh up to 1.5 tonnes, depending on size, quantity and bale configuration. 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. Cutting, drilling or hammering of paving 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 paving 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.

6. Accidental Release Measures

Avoid contact with skin. Tidy up debris from broken blocks.

3. Composition

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

7. Handling and Storage

- Protect skin when handling paving blocks
- Use suitable handling and transport equipment when handling bales of blocks
- Before lifting always size up the load
- Always follow safe lifting and manual handling procedures
- Ensure adequate load-bearing capacity of ground, floors or platforms when placing or storing bales of blocks on site
- Bales of blocks can become unstable over time and should not be stacked to excessive heights

4. First Aid Measures

Eye Contact (Fresh concrete, dust or other particles):

Immediately rinse under clean running water and seek medical advice

Cuts/Abrasions:

Clean and treat cuts/abrasions using normal First-Aid methods. Wounds must receive prompt medical attention.

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

8. Exposure Controls & Personal Protection

- Wear suitable protective rubber gloves, overalls and safety helmets in all situations
- Avoid block and strap contact with skin as this can cause cuts and abrasions
- Wear goggles to prevent eye contact from flying particles when cutting, drilling or hammering paving blocks or from breaking straps Wear suitable footwear with protective toe-caps when cutting ,drilling, hammering paving blocks
- Wear suitable respiratory protection {such as dust masks} when cutting ,drilling or hammering paving blocks

9. Physical & Chemical Properties

Paving Flags vary in colour and are also abrasive

13. Disposal Considerations

Paving Flags may be recycled or placed in approved licensed landfill sites.

10. Stability & Reactivity

Ensure integrity and stability of bales whilst stored on site

14. Transport Information

No risk on observation of safety instructions detailed in clause 6, 7, and 8

11. Toxicological Information

Not applicable

15. Regulatory Information

Not applicable

12. First Aid Measures

Paving Flags have no ecological effects