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Doc. Title:	KDS1_Material_Safety_Data_Sheet_Precast_Concrete_Elements.docx						



## The Irish Concrete Federation

# Material Safety Data Sheet – Killeshal Precast Concrete Ltd Precast Concrete Elements

### 1. Product and Company Details

#### (a) Identification of Product

Pre-cast Concrete Elements for use in wall and road construction, fencing, and environmental pre-cast products

#### (b) Name of Company

Killeshal Precast Concrete Ltd.

#### (c) Phone

057-9353018

#### (d) Application

Use of the above-mentioned products should be in accordance with the relevant National/European Union codes of practice.

### 2. Composition of Ingredients

The above-mentioned products are a mixture of natural aggregates, cement, water and steel. Admixtures may be added to modify the properties of the finished product.

### 3. Hazard Identification

- 3.1 The above-mentioned products are abrasive.
- 3.2 Lintels may have projecting steel at both ends.
- 3.3 These products are heavy in weight depending on size.
- 3.4 Cutting, drilling or hammering of the above-mentioned products can create dust. If inhaled in excessive quantities over extended periods, respirable dust can constitute a long-term hazard. Cutting, drilling or hammering of the above-mentioned products 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.

When cutting, use equipment suitable for concrete and steel in accordance with tool manufacturers' instructions.

- 3.5 **Warning:** The customer's attention is drawn to the fact that unpacking the products is a dangerous operation. Appropriate action must be taken by customers to ensure the personal safety of their staff engaged in these operations. In particular, the rupture of banding straps, accidental or deliberate, during handling or unpacking operations could cause injury to operators.

These unpacking operations are performed by the customer, under his sole responsibility, and must be executed in accordance with all rules and regulations, standards, technical notices, professional rules and best practices, and under appropriate conditions to ensure that no personal injury or damage to persons or property is sustained.

**NB:** It is possible that the load may become unstable during transit and the customer is advised to take all care in assessing the load prior to removal of the banding straps to avoid the risk of collapse of the load.

All entities belonging to the Killeshal Group do not provide any warranty, and shall never be liable, in case of any damage or injury whatsoever or any defect of the products resulting from any use, handling, unpacking, transportation and/or stocking of the products once delivery has been undertaken and received by the customer."

### 4. First Aid Measures

First Aid treatment is as follows:

#### 4.1 Eye Contact

Immediately rinse under running water and seek medical advice.



#### DISCLAIMER

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#### 4.2 Cuts/Abrasions

Cuts/abrasions from the above-mentioned products 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 the above-mentioned products when broken.

#### 7. Handling & Storage

- 7.1 Protect skin when handling the above-mentioned products.
- 7.2 Use suitable handling and transport equipment when handling the above-mentioned products e.g., kerb lifters.
- 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 the above-mentioned products on site.
- 7.5 Store clear of excavations and public thoroughfares.

#### 8. Exposure Controls / Personal Protection

##### 8.1 Hand Protection

Wear suitable protective gloves.

##### 8.2 Skin Protection

Avoid contact of the above-mentioned products with skin.

Avoid contact of projecting steel with skin.

##### 8.3 Eye Protection

Wear goggles to prevent eye contact from flying particles when cutting, drilling or hammering the above-mentioned products.

#### 8.4 Masks

Wear appropriate respiratory protection when cutting, drilling or hammering the above-mentioned products.

#### 8.5 Footwear

Wear footwear with protective toecaps when working with the above-mentioned products.

#### 9. Physical & Chemical Properties

The above-mentioned products are generally grey in colour. Exposed aggregate products or products where the contractor specifically requests a dye to be used, can be of various colours.

The product is abrasive.

#### 10. Stability & Reactivity

Ensure integrity and stability of

the above-mentioned products whilst stored on site.

#### 11. Toxicological Information

Not applicable.

#### 12. Ecological Information

Concrete, the above-mentioned products have no ecological effects.

#### 13. Disposal Considerations

The above-mentioned products may be recycled or placed in approved licensed landfill site.

#### 14. Transport Information

Ensure security and safety of load at all times.

#### 15. Regulatory Information

Not applicable.

#### 16. Other Information

Ensure lintels are installed in accordance with design specification.

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