



## **HEALTH & SAFETY PRODUCT DATA SHEET**

### **PRECAST CONCRETE PRODUCTS**

Concrete Blocks, Bricks, Masonry, Paving Blocks, Flags and Roof Tiles.

### **APPLICATION**

Precast concrete units are designed for use in the construction of structures, facings and paving and should be used in accordance with the relevant Irish and/or British Standards and Codes of Practice.

### **PHYSICAL / CHEMICAL COMPOSITION**

Precast concrete products are manufactured by compacting a mixture of aggregate, cement and water into a mould to produce a required unit shape to dimensional tolerances. Concrete is dense, heavy and abrasive. Precast concrete products may be manufactured with the addition of appropriate admixtures and/or pigments.

### **KNOWN HAZARDS**

1. Handling of precast concrete products can cause cuts and abrasive damage to the hands and arms. Excessive handling may cause dermatitis or drying of unprotected skin.
2. Cutting or similar treatment of the product will give rise to respirable dust. Such dust if inhaled in excessive quantities over extended periods can constitute a long-term health hazard. Cutting, etc. unless adequately controlled can project particles at high velocity with consequent risk of impact damage.
3. Lifting and manual handling of concrete products may cause injury to back, hands and feet.

## **PRECAUTIONS**

Inhalation of any dust produced from cutting etc. should be avoided and eyes should be protected. Avoid direct skin contact. Always follow recommended safe lifting and manual handling procedures.

## **PROTECTIVE CLOTHING**

Whilst handling, long protective gloves should be worn. During cutting/drilling or similar activity goggles should be worn, as should dust masks to BSW 2091 Type B or their equivalent. Appropriate protective clothing including protective footwear/gloves must be worn.

## **FIRST AID**

If dust enters eyes wash with copious amounts of clean water.

If skin is irritated wash with soap and water and then apply suitable skin cream.

Cuts, abrasions etc. should be washed with clean water and treated with the normal First Aid method. Hardened particles in the eyes should be removed, using normal First Aid method.

**IN ALL CASES OF DOUBT OR WHERE SYMPTOMS PERSIST MEDICAL ADVICE SHOULD BE OBTAINED.**

## **HANDLING AND STORAGE**

1. Products are delivered either shrink wrapped, banded or with special design packs. Banding should not be used as a lifting aid.
2. The preferred method of off-loading from vehicles is by mechanical means, ensuring all lifting apparatus and vehicles are capable of lifting the product within its working capacity. Care should be taken when placing packs etc. into position avoiding banging or dropping.
3. When hand loading/off-loading, follow safe lifting procedures and wear protective clothing, gloves and footwear.
4. Store all products on clean, level and sound surfaces, not on slopes or soft ground. The use of timber laths beneath the products is recommended.
5. When placing the products on pallets ensure the pallet is suitable to carry the load and is in good order.
6. When placing the products on scaffold or raised platform, ensure that all safety procedures are met and that the platform and scaffold can carry the loads.

7. When removing banding and wrapping, use the appropriate cutting tools and wear eye protection and gloves. Before removing banding or wrapping ensure that the products are stable and will not fall over.

### **TRANSPORTATION AND WASTE DISPOSAL**

Concrete products are not subject to hazardous substance conveyance regulations and vehicle labelling is not required.

Concrete product waste is inert and should be disposed of in accordance with local regulations.

### **GENERAL NOTE**

**THE INFORMATION CONTAINED IN THIS DATA SHEET IS BASED ON THE BEST CURRENT DATA AVAILABLE FROM EXAMINATION AND TESTING OF THE PRODUCTS. THE PURPOSE OF THIS INFORMATION IS TO ENSURE THAT THE PRODUCTS ARE USED IN A SAFE MANNER AND WITHOUT RISK PURSUANT TO THE SAFETY HEALTH AND WELFARE AT WORK ACT 1989 AND OTHER RELEVANT STATUTORY REGULATIONS.**

### **FURTHER INFORMATION**

#### **Contact /company details**

**Lagan Tile**

**PO Box 176**

**Sheepwalk Road**

**Lisburn**

**County Antrim**

**BT28 3NS**

**Tel.02892 647100**

**Fax 02892 648030**