

## **MATERIAL SAFETY DATA SHEET AGGREGATE BLOCKS**

The Control Of Substances Hazardous to Health Regulation (COSHH) requirements of the Health and Safety at Work Act and the Chemicals Hazard Information and Packaging for Supply (CHIPS) regulations requires the manufacturer to provide relevant information regarding their products in respect of its properties, correct use, storage/handling and disposal without risk to health.

### **PRODUCTS**

Evalast Solid; Evalast Hollow; Evalast Paint Grade; Evalast Easilift; Evalite Paintgrade; Fenlite 1350; Fenlite 1500

Hanson Building Products using the brand name of Hanson Block.

### **Description**

Aggregate blocks of various strengths, densities and finish.

### **Composition**

A selection of aggregates comprising of sand, gravel, Furnace Bottom Ash (FBA), Pulverised Fuel Ash (PFA), Ground Granulated Blast Furnace Slag (GGBS), limestone, re-cycled brick, expanded clay with Portland cement and water.

Following manufacture the products are deemed to be inert and therefore non hazardous in relationship with the Health and Safety at Work Act.

### **Personal Protective Equipment (PPE)**

When working with Hanson blocks protective footwear, headwear, glasses and gloves should always be used.

In addition suitable respiratory protection should be used when cutting/splitting blocks by hand or by mechanical saws. If mechanical saws are used these should comply with regulatory requirements and be operated only by trained competent persons.

### **Hazard Identification and First Aid**

*Damage to skin by abrasion or irritation*

First Aid – wash with soap and water and if irritation persists seek medical advice.

Prevention – wear suitable gloves

### *Inhalation/ingestion of cut block dust and particles*

First Aid: If ingested, drink plenty of clean water. If inhaled, block dust may cause irritation of the respiratory tract, seek medical advice.

Prevention: Wear suitable respiratory protection and wash hands thoroughly with soap and water before eating or drinking after handling or cutting/splitting Aggregate blocks.

*Dust /cut block fragments in eyes may cause irritation and or abrasion.*

First Aid: Irrigate liberally with water. If irritation persists seek medical advice.

Prevention: Wear suitable eye protection

### **Fire Fighting Measures**

Products will not support combustion

### **Accidental Release Measures**

Not applicable

### **Storage**

Hanson Aggregate Blocks are delivered to site by road vehicles for which safe access and egress shall be made available. Blocks should be stacked within the limitations of the ground conditions and the security of the products as bonded to a pallet or itself.

The products may be delivered secured with steel or plastic straps under tension, or shrink wrapped in polythene. Care should be taken when cutting this banding as there is a risk of injury to the eyes from strap ends. Suitable eye and hand protection should be worn.

When removing packaging care should be taken to ensure blocks do not fall and cause injury to persons in the vicinity of the pack.

Packaging and associated strapping should be disposed of in accordance with local and statutory regulations for non hazardous waste.

### **Handling**

Where blocks are handled manually, this should be undertaken in accordance with the Manual Handling Regulations 1992 and HSE Construction Sheet no. 37 "Handling Building Blocks". These conclude there is a high risk of injury in the single-handed repetitive manual handling of blocks heavier than 20kg. If single person handling is needed, either blocks of 20kg or lighter should be specified and used or other precautions should be taken to reduce the risk of injury by, for example, the provision of mechanical handling.

Individual block weights cited by the manufacturer in its literature and website are based on a dry weight used for testing and calculation purposes. Weights of blocks at time of use will be higher than the quoted value and are variable subject to date of manufacture, weather and storage conditions.

For users who, for design reasons would otherwise select units of greater than 20kg but would prefer not to, a number of options exist. For further advice please contact Product Services.

Hanson recommends site sampling and weighing to determine safe handling practices.

### **Transport Information**

No special precautions required.

### **Regulatory Information**

Classified as not hazardous for conveyance and supply.

### **Other information**

In accordance with the Management of Health and Safety at Work Regulations 1992, employers must carry out a risk assessment to ensure the Health and Safety of their employees and non-employees who may be affected by their undertaking.

### **Contact Details**

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