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Product Safety Data Sheet – Concrete

1. Products

Precast concrete drainage units manufactured to various parts of BS 5911. Pipes and fittings for domestic and industrial sewerage, highway and agricultural drainage. Pipes for installation in trench or by jacking, together with manholes, soakaways, slabs and road gullies. Precast concrete railway products.

2. Physical and Chemical Characteristics.

Concrete unreinforced or reinforced with steel bars, mesh or steel cylinder. Concrete manufactured by the compaction of coarse and fine aggregates, cementitious material and water which subsequently undergo a curing process. Elastomeric sealing gaskets, plastic encapsulated steps, lubricant, elastomeric rail pads, plastic and steel manhole steps and rail fastenings.

3. Main Hazards

The principal hazards associated with these products concern handling and cutting. Concrete has a hard textured finish which may cause abrasions to the hands when handled. Excessive handling can also cause skin irritation and dermatitis. The cutting and drilling of

concrete will create fine dust and can also project particles at high velocity with consequent risk of impact damage. Such dust if containing quartz and if inhaled in excessive quantities over extended periods can constitute a long-term health hazard.

Products are generally cylindrical and can roll on uneven or inclined surfaces.

4. Precautions

Protective gloves should be worn when handling products. Eye protection and respiratory masks to the relevant British Standards must be worn when cutting or drilling products. Care should be taken to chock pipes securely to prevent movement, particularly if products are stacked.

5. Transport and Disposal

The transportation of these products is not subject to hazardous substance conveyance regulations and vehicle labelling is not required. The haulier is responsible for ensuring loads are secure to prevent movement in transit.

Precast concrete products are inert, but should be disposed of in accordance with local legal requirements. Rubber and plastic components are inflammable and if burned will give off toxic fumes.