

## **Health and Safety Product Data Sheet**

### **1. Identification of Substances**

- Natural aggregates, crushed rock including granite, dolerite, limestone, basalt, sandstone, quartzites and marbles
- Natural cobbles, boulders, rockery stone of the above types
- Dimensional stone of the above types

### **2. Composition**

Natural aggregates are produced from naturally occurring rock and gravel deposits and consist of combinations of various minerals including silica.

### **3. Hazard Identification**

Dust inhaled over a prolonged period can be hazardous to health. When the respirable dust contains silica, the risks are increased. Advice on the silica content on individual aggregates is available upon request.

### **4. First Aid Measures**

- Inhalation, remove from exposure to a ventilated area
- Skin contact, wash with water
- Eye contact, wash with copious amounts of water and seek medical advice
- Ingestion, remove from exposure to a ventilated area

### **5. Fire Fighting Measures**

None needed

### **6. Accidental Release Measures**

- Personal protection - in the event of spillage avoid breathing in dust.
- Wear dust mask/respirator and goggles as per section 8
- Environmental measures, release of dust into the environment does not constitute a significant hazard
- Aggregates should be exposed of to the local authority requirements
- Methods of cleaning, Vacuum cleaning, dampen area and avoid brushing dry dust where possible

### **7. Handling and Storage**

The product should be stored in such a way as to reduce airborne dust. When bagged, the material should be kept dry and palletised. Engineering control measures such as containment, enclosed silos, exhaust ventilation should be applied when airborne dust exposure levels are approached.

### **8. Exposure Controls/Personal Protection**

#### **Occupational exposure levels:**

- Total inhalable dust 10 mg/m cubed OES
- Respirable dust 4mg/m cubed OES
- Respirable dust silica 0.3 mg/m cubed MEL
  
- The above to 8 HR TWA to guidance HSE Note EH40
- Engineering control measures, as per section 7
- Personal protection, respiratory protection to HSE approved standard
- Hand protection, abrasive resistant gloves
- Eye protection, to HSE approved standard for dust goggles
- Skin protection, overalls

## **9. Physical and Chemical Properties**

- Odourless solid particles of crushed stone gravel with various colours
- Chemical properties not applicable

## **10. Stability and Reactivity**

Not applicable

## **11. Toxicological Information**

- On eyes, may cause transient irritation
- On skin, unlikely to cause harm
- By inhalation, inhalation of large quantities of respirable silica may lead to progressive lung damage. This may cause permanent disability and, in extreme cases may be fatal
- By ingestion, unlikely to cause harm
- Chronic, exposure to high levels of silica may cause progressive silicosis
- Others, none known

## **12. Ecological Information**

Environmental assessment, when used and disposed of as intended, no adverse effect foreseen.

## **13. Disposal Considerations**

Non-hazardous, subject to local authority requirements.

## **14. Transport Information**

Non-hazardous, no transport labelling required.

## **15. Regulatory Information**

**THIS PRODUCT IS NOT CLASSIFIED AS DANGEROUS FOR SUPPLY WITHIN THE UK.**

### **Statutory provisions:**

- Health and safety at work. Act 1974
- Consumer Protection Act 1987
- COSHH 1994
- Environmental Protection Act 1990.

## **16. Other Information**

The above information and advice is given when the material is used as intended. The information contained within this safety sheet does not constitute the users own assessment of risk as required by other health and safety legalisation, i.e. COSHH 194 MHSWR 1992. If purchasing on behalf of a third party, it is your duty to take all necessary steps to ensure that the person handling or using the material is provided with the information in the data sheet.

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