

MATERIAL SAFETY DATA SHEET

PRODUCT: NATURAL AGGREGATES.

DESCRIPTION:

Crushed rock and sand and gravel aggregates are used as basic construction materials and as components of other materials such as concrete, mortar, macadam and asphalt's.

PHYSICAL AND CHEMICAL CHARACTERISTICS:

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

MAIN HAZARDS:

If inhaled in excessive quantities over extended periods, respirable dust containing quartz can constitute a long-term health hazard. Advice on the quartz content of the dust produced from individual aggregates is available via the supplying unit, if required.

PRECAUTIONS:

Inhalation of any dust produced from aggregates should be avoided. Dust masks to BS 2091 type B, or their equivalent, should be worn in enclosed spaces where the handling or further crushing of dry aggregates containing quartz is taking place and where adequate ventilation is not provided.

PROTECTIVE CLOTHING:

No special protective clothing is required.

TRANSPORTATION, STORAGE AND DISPOSAL:

The carriage of aggregates is not subject to hazardous substance conveyance regulations and vehicle labelling is not required. Aggregates are inert but should be disposed of in accordance with local legal requirements.

EMERGENCY ACTION / FIRST AID:

If the dust makes contact with the eyes, the area must be immediately and thoroughly irrigated with water. The material is abrasive and may scratch the surface of the eye. If the pain persists, seek professional medical attention.

FIRE:

These materials are non-flammable and do not support combustion of other substances.

EXPOSURE LIMITS:

Total Dust	O.E.S.	10mg/m ³
Respirable Dust	O.E.S.	5mg/m ³

(O.E.S. = Occupational Exposure Standard)

REFERENCES:

HSE – Guidance Note EH40

HSE – Guidance Note EH44