



COSHH ASSESSMENT & HAZARD SUMMARY SHEET

Substance / Trade Name:

Natural Aggregates

Supplier: Various

Toxic Ingredients	*LTEL	*STEL	**COMMENTS
Quartz (Crystalline Silica)	0.1mg/m ³ 4mg/m ³ 10mg/m ³		WEL RP TID

Description of Substance: Crushed rock, sand and gravel aggregates, delivered in bulk and tipped from a truck body. Dust is produced during tipping or the movement of large quantities of aggregates.

Hazards: If inhaled in excessive quantities or smaller quantities over a prolonged period, respirable dust containing quartz may cause silicosis. Advice on the quantity of quartz in the dust produced from individual aggregates should be obtained from the suppliers.

PPE			
Dust Mask	Goggles		

First Aid	
Skin	N/A
Eyes	Do not rub eyes, as the material is abrasive and may scratch the surface of the eye. Immediately and thoroughly irrigate with water. Seek medical attention if irritation persists.
Inhalation	Remove to fresh air and allow person to rest. If recovery is not rapid obtain prompt medical attention.
Ingestion	Ingestion of significant quantities of sand that could cause harm is very unlikely. If material enters the mouth, do not induce vomiting. Give plenty of water to drink. Seek medical attention if feeling unwell.

Storage Conditions: If stored outdoors, keep covered or damp in dry windy conditions.

***LTEL:** Long-term Exposure Limit – 8-hour weighted average (TWA) ref period

***STEL:** Short-term Exposure Limit – 15-min ref period

****WEL:** Workplace Exposure Limit

OES: Occupational Exposure Standard

TID: Total Inhalable Dust

RD: Respirable Dust



Substance / Trade Name: Natural Aggregates

Activity / Conditions of Use: Predominantly for use when filling or levelling prior to laying surfaces of roads and footways. The aggregates are normally delivered to site in bulk and tipped close to the work area. When transporting around the work area smaller quantities are shovelled into wheelbarrows and tipped manually. Larger quantities are moved using a combination of an excavator and a dumper.

Quantities used: Various

Assessment of risk: Risk to health from inhalation of dust is insignificant. Dust can become airborne and cause minor eye irritation if operatives located down wind of tipping operations

Recommended control measures: In very dry weather spray aggregates with water prior to tipping. Operatives should be informed of the hazard constituted by the dust and how to minimise exposure. Dust masks can be provided to operatives working downwind or within a poorly ventilated area when material is tipped or handled.

Spillage Management: N/A

Disposal: Aggregates are inert waste and can be disposed of as normal industrial waste in accordance with waste regulation. It is recommended that it be disposed of via recycling or reuse.

This Risk Assessment applies only to this substance when encountered or used in the activity and / or conditions described above. If there is a change in the activity or conditions in which the substance is encountered or used, a new assessment must be made.

Print name:

Signed:

Date: