



COSHH Risk Assessment No: 02

Name of substance, manufacturer and safety data sheet reference.	Aggregate (Natural and Recycled)		
Describe the activity or process <i>(Include how long and how often this is carried out and the quantity of substance used. A copy of a current safety data sheet (SDS) for the substance should be attached to this assessment and cross-referenced when completing it).</i>	Used as a sub base material to backfill excavations in all locations		
Specify where the activity or process is being carried out	Public verges, footpaths, carriageways and car parks Private gardens, paths, driveways and car parks		
Identify the persons at risk:	Employees (including trainees) ☒	Contractors ☒	Public ☐

Hazard(s)

Physical Nature of Hazard - SDS Section 9.1



Liquid



Dust



Solid



Fume



Mist



Vapour



Gas



Other (state) _____

Classification of Hazard - SDS Section 2.2



Moderate hazard



Acutely toxic



Corrosive



Health hazard



Flammable



Oxidising



Explosive



Gas under pressure



Harmful to the aquatic environment



Risk(s)

Signal Word - SDS Section 2.2

Warning



Danger



Add Hazard Statement(s) - SDS Section 2.2

H317 – May cause skin irritation

H335 – May cause respiratory irritation

H372 – Causes damage to organs through prolonged or repeated exposure (relates possible lung damage if exposed to respirable silica*)

Route of Exposure - SDS Section 4.1



Inhalation



Ingestion



Skin Contact



Contact with Eyes



Other (state) _____

Risks to Health – Most Important Symptoms and Effects - Refer to safety data sheet (attached) SDS Section 4.2

Eye irritation, skin irritation, respiratory irritation, lung damage.

Workplace Exposure Limits (WELs) please indicate n/a where not applicable - SDS Section 8.1

Long-term exposure level (8hrTWA):

Total Dust - 10mg/m³

Respirable Dust - 4mg/m³

Respirable Quartz (Crystalline Silica SiO₂) - 0.1mg/m³

Short-term exposure level (15 minutes):

Control Measures: (for example extraction, ventilation, training, supervision) - SDS Section 8.2

Dust should be controlled by containment, suppression and extraction/ filtration where possible. Regular monitoring should be undertaken to identify where people may be exposed to respirable dust so that further measures can be implemented to reduce exposure. Hands should be washed thoroughly before handling or eating food or drink.

First Aid: Recommended Actions - SDS Section 4.1	
Inhalation:	Immediately remove to fresh air. If breathing difficulties are experienced, seek medical attention.
Ingestion:	Remove to fresh air. If person is conscious, rinse out mouth and give water to drink. Seek medical advice if symptoms develop.
Skin Contact:	Wash with water. Prolonged contact may cause irritation. If symptoms develop or persist, seek medical attention.
Contact with Eyes:	Do not rub eyes, as the material is abrasive and may scratch the surface of the eye. Immediately and thoroughly irrigate with eye wash solution or clean water. If symptoms develop or persist, seek medical attention.
Other:	n/a
Is health surveillance or monitoring required? Yes ☐ No ☒	
Personal Protective Equipment (state type and standard) - SDS Section 8.2	
 ☒ Dust Mask	Dust masks should be used during bulk loading/unloading to protect against inhalation of dust and to ensure Workplace Exposure Levels are not exceeded.
 ☐ Respirator	
 ☐ Visor	
 ☒ Goggles	Goggles should be worn if there is a risk of product entering the eyes (including dust).
 ☒ Gloves	General purpose gloves should be worn to protect skin from abrasion when handling the product.
 ☒ Overalls	Overalls to protect skin and clothes. The use of skin barrier cream is also recommended. Hands should be washed thoroughly before handling or eating food or drink.
 ☐ Footwear	
 ☐ Other	
Storage Arrangements - SDS Section 7.2	
The product should be stored to minimise the creation of airborne dust. Very fine, dry product in bulk should be stored in enclosed silos. Bulk aggregate containing fine material (<3mm) should not be stored in the open unless it is conditioned with water. Stockpiles should be sited to avoid wind-whipping where possible. Storage bays should be fitted with 3 sides and the aggregate stored below the level of the sides to avoid wind whipping.	
Disposal of residual waste and Containers - SDS Section 13.1 and guidance	
Hazardous Waste ☐ Skip ☐ Return to Depot ☐ Return to Supplier ☐ Other (state) ☒	
(If Other Please State): Local recycling centre	
Firefighting measures, accidental release measures, toxicological information and ecological information are provided in the safety data sheet (attached).	
Is exposure adequately controlled? Yes ☒ No ☐	
Risk Rating After Implementation of Control Measures (see guidance)	
High ☐	Medium ☐ Low ☒
Assessed by: Michael Watson	Date: 01 September 2017 Review Date: 01 September 2018