



COSHH Risk Assessment 001

Document Reference - AG/CRA/D002V

Assessment Reference – AG/CRA/NA-001V

Natural Aggregates

Describe the activity or work process. <i>(Include how long and how often this is carried out and the quantity of substance used)</i>	This product includes materials such as sand and gravel and are used in varying quantities determined by the size of the product. These have multiple purposes such as building, play for children.
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Location of process being carried out?	Various locations
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Identify the persons at risk:	<table border="1"> <tr> <td style="width: 20%;">Employees <i>(including trainees)</i></td> <td style="text-align: center;">X</td> <td style="width: 20%;">Contractors <i>(inclusive of all types)</i></td> <td style="text-align: center;">X</td> <td style="width: 20%;">Public <i>(including Visitors)</i></td> <td style="text-align: center;">X</td> </tr> </table>	Employees <i>(including trainees)</i>	X	Contractors <i>(inclusive of all types)</i>	X	Public <i>(including Visitors)</i>	X
Employees <i>(including trainees)</i>	X	Contractors <i>(inclusive of all types)</i>	X	Public <i>(including Visitors)</i>	X		

Name the substance involved in the process and its manufacturer. <i>(A copy of a current safety data sheet for this substance should be attached to this assessment)</i>	<p>Natural Aggregates</p> <p>This substance can be obtained from various suppliers and builders merchants.</p>
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Classification (state the category of danger)

	Acute toxicity Cat 1-3		Serious health hazard		Aquatic Environment
	Acute toxicity (cat 4)		Flammable		Explosive
	Corrosive		Oxidising		Gas under pressure

Hazard Type

				X		X		Other, state below
Gas	Vapour	Mist	Fume	Dust	Liquid	Solid	Other	

Details of the "Other" box ticked above

Substance Characteristics

Appearance	Granular solid	Colour	Various	Odour	None
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Route of Enter

X		X	
INHALATION	ABSORPTION	INGESTION	INJECTION

Workplace Exposure Limits (WELs) please indicate n/a where not applicable

Total Dust;
TWA, 10 mg/m³

Respirable Dust;
TWA, 4 mg/m³

Respirable Quartz (Crystalline Silica SiO₂);
TWA, 0.1 mg/m³

State the Risks to Health from Identified Hazards

NOT classified as dangerous in accordance with Directive 67/548/EEC or EC 1272/2008.



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Control Measures: (for example extraction, ventilation, training, supervision). Include special measures for vulnerable groups, such as disabled people and pregnant workers

Respiratory Protection: Suitable respiratory protection should be used to protect against inhalation of dust, and to ensure exposure is below the Workplace Exposure Levels given at the start of this section.

Hand Protection: Gloves should be worn to avoid abrasion of the skin when handling the product. Wear waterproof gloves if the product is wet.

Eye Protection: Goggles or protective glasses should be worn to prevent dust entering the eyes if required.

Skin Protection: 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.

Is health surveillance or monitoring required?	Yes		No	X
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Personal Protective Equipment (state type and standard)

Dust mask	X	EN 149 FFP3	Visor		
Respirator			Goggles	X	BS EN 166
Gloves	X		Overalls	X	Keep skin covered
Footwear			Other		

First Aid Measures

Inhalation: Immediately remove to fresh air. If breathing difficulties are experienced, seek medical attention.

Skin Contact: Wash with water. Prolonged contact may cause irritation. If symptoms develop or persist, seek medical attention.

Eye Contact: 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.

Ingestion: Remove to fresh air. If person is conscious, rinse out mouth and give water to drink. Seek medical advice if symptoms develop.

Fire Fighting Measures

Natural aggregates are non-flammable and non-combustible therefore no specific action/ measures are not considered necessary.

Storage

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 Substances & Contaminated Containers

Normal Business Waste Stream	X	Hazardous Waste		Return to Supplier		Other	
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Disposal Process Natural aggregates are classed as 'inert' but should be disposed of in accordance with local and national legal requirements. Natural aggregates can be readily reused or recycled.

(If Other Please State):

Is exposure adequately controlled?	Yes	X	No	
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What further action needs to be taken

Action	By Who	By what date
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Ensure suitable controls are in place by regular review

Management and Employees

On-going

Assessor

Craig Parrott