

Tudor Griffiths Limited and Ellesmere Sand & Gravel Co Ltd Ellesmere Shropshire SY12 0HY	Safety Data Sheet Issue Date: October 2012
1. IDENTIFICATION OF THE SUBSTANCE	2. COMPOSITION/INFORMATION ON INGREDIENTS
Natural Aggregates	<p>The product of aggregate quarrying consisting of processed rock, sand, gravel or other mineral types. Used in its processed form or as a raw material for concrete, bituminous road materials and other products requiring natural aggregates.</p>
3. HAZARDS IDENTIFICATION	4. FIRST AID MEASURES
<p>Respirable dust inhaled over a prolonged period of time could constitute a health hazard. Dust from some natural aggregates will contain respirable crystalline silica.</p> <p>Natural aggregates can cause abrasion or irritation to skin and eyes.</p> <p>Natural aggregates can cause gastrointestinal irritation if ingested.</p> <p>.</p>	<p>GENERAL - Unlikely to be hazardous if handled correctly.</p> <p>SKIN CONTACT - Wash with soap water. If prolonged contact causes irritation seek medical attention.</p> <p>EYE CONTACT - Irrigate with plenty of water and seek medical attention if soreness continues.</p> <p>INGESTION - Give water to drink and seek medical advice.</p>
5. FIRE FIGHTING MEASURES	6. ACCIDENTAL RELEASE MEASURES
<p>None required.</p>	<p>PERSONAL PRECAUTIONS - Avoid breathing fine dust, wear dust mask/respirator and goggles.</p> <p>ENVIRONMENTAL MEASURES – Crushed rock, sand and gravel aggregates are inert and should not cause long term environmental damage but may cause nuisance from soiling.</p> <p>METHODS OF CLEANING:</p> <ul style="list-style-type: none"> • vacuum cleaning is the preferred method for dry fine materials • avoid dry sweeping which creates dust • water spraying to prevent airborne dust

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7. HANDLING AND STORAGE		8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
<p>HANDLING:</p> <ul style="list-style-type: none"> • handle to minimise the creation of airborne dust • goggles and dust mask should be worn <p>STORAGE:</p> <ul style="list-style-type: none"> • bagged aggregates should be palletised and kept secure • dry fine bulk products should be stored in silos fitted with emission control equipment • aggregates containing <3 mm material and stored in the open should be conditioned with water to minimise fugitive dust 		<p>PREVENTION MEASURES – Occupational dust surveys are recommended for personnel with regular exposure to respirable dust. Corrective action shall be taken where MEL or OES at risk of being exceeded.</p> <p>UK EH40 MEL EXPOSURE LIMIT 0.3mg/m³ respirable crystalline silica</p> <p>UK EH40 OES EXPOSURE CONTROL LIMITS:</p> <ul style="list-style-type: none"> • 10mg/m³ total dust • 4mg/m³ respirable dust <p>RESPIRATORY PROTECTION - Dust masks/respirators.</p> <p>SKIN PROTECTION - Gloves and overall.</p> <p>EYE PROTECTION - Goggles to an approved standard.</p>	
9. PHYSICAL AND CHEMICAL PROPERTIES			
Appearance	Natural aggregates cover of a wide range of sizes and colours.	Other Chemical Properties	Classified as inert material chemical properties can vary depending on origin
10. STABILITY AND REACTIVITY		11. TOXICOLOGICAL INFORMATION	
<p>Conditions to Avoid:None Materials to Avoid:None</p>		<p>Caution - Respirable dust could, if inhaled over a prolonged period of time, constitute of health hazard.</p>	
12. ECOLOGICAL INFORMATION		13. DISPOSAL CONSIDERATIONS	
<p>Dust can cause soiling and damage sensitive vegetation after prolonged exposure. Aggregates are classified inert and not considered to pose ecological concern.</p>		<p>SAFE HANDLING OF ANY RESIDUES/WASTE PRODUCT - Aggregates should be disposed of in accordance with legal requirements.</p>	

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14. TRANSPORT INFORMATION	15. REGULATORY INFORMATION
<p>SPECIAL CARRIAGE PRECAUTIONS - Nil</p> <p>RECOMMENDATIONS:</p> <ul style="list-style-type: none"> • dry fine material best transported by bulk tanker or sealed bags • aggregates should be sheeted or conditioned with water to minimise dust 	<p>SUPPLY LABEL INFORMATION - Not subject to the Hazardous Substance Conveyance Regulation and labelling is not required.</p> <p>SAFETY PHRASES R20 - Harmful by inhalation. S22 - Do not breathe dust.</p> <p>STATUTORY Health and Safety at Work Act 1974 COSHH Regulation 1994 Consumer Protection Act 1987 Environmental Protection Act 1990 P.P.E. Regulations 1992</p> <p>OTHER EH44 Dust in Workplace</p>
16. OTHER INFORMATION	
<p>Further Information Sources</p> <p>Health & Safety Department Tudor Griffiths Limited/Ellesmere Sand & Gravel Co Ltd Wood Lane Quarry Ellesmere Shropshire SY12 0HY</p> <p>Contact; Group Health & Safety Manager Tel; 01691 626262 Fax; 01691 626309 E-mail; Philip.jones@tggroup.co.uk</p>	<p>LEGAL NOTICE The information contained in this Safety Data Sheet was considered the best available at the date of issue. However, no warranty is made or implied that the information is accurate or complete. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations.</p> <p>WARNING Natural aggregates may contain respirable silica in the form of Quartz. Prolonged exposure can give rise to silicosis. The respirable percentage of SiO₂ available to inhale will depend on the type of aggregate and handling conditions.</p>