

PRODUCT SAFETY DATA SHEET

Date Of Issue : Nov 2016

Revision: 1



<p>1. Identification Of Sustances and Company</p> <p>Natural Aggregates</p> <p>Grange Construction Materials Kirkburn Industrial Estate Lockerbie DG11 2FF Telephone: 01576490490</p>	<p>6. Accidental Release Measures</p> <p>Personal Precautions Avoid breathing dust</p> <p>Environmental Precautions Entry into watercourses should be avoided</p> <p>Methods of Cleaning Spray with water to prevent airborne dust Avoid dry sweeping which creates dust</p>												
<p>2. Composition-Information On Ingredients</p> <p>Crushed rock and sand and gravel aggregates</p>	<p>7. Handling and Storage</p> <p>Handling This product should be handled to minimise the creation of airborne dust</p> <p>Storage No Special Requirements</p>												
<p>3. Hazards Identification</p> <p>These products are not classified as hazardous in accordance with any statutory legislation. If used as intended there should be no COSHH risk exposure rating</p> <p>If Inhaled in excessive quantities over a prolonged period or extended period, respirable dust can constitute a long term health hazard. Dusts containing Respirable Crystalline Silica (Quartz) present a greater risk</p> <p>Some sand aggregates are unsuitable for sand blasting operations as they may break down, producing respirable dust containing quartz</p> <p>Advise on the quartz content of the dust produced from individual aggregates is available from the supplying unit</p>	<p>8. Exposure Controls - Personal Risks</p> <p>Preventative Measures Inhalation of dust from aggregates should be avoided</p> <p>Workspace Exposure Limits</p> <table border="0"> <tr> <td>Total Dust W.E.L.</td> <td>10mg/m³</td> </tr> <tr> <td></td> <td>8 Hours T.W.A</td> </tr> <tr> <td>Respirable Dust W.E.L.</td> <td>4mg/m³</td> </tr> <tr> <td></td> <td>8 Hours T.W.A</td> </tr> <tr> <td>Respirable Quartz W.E.L.</td> <td>0.1mg/m³</td> </tr> <tr> <td>Crystalline Silica SiO₂</td> <td>8 Hours T.W.A</td> </tr> </table> <p>Respirable Protection Suitable dust masks should be worn in enclosed spaces where the handling of further crushing of dry aggregates is taking place and where adequate ventilation is not provided.</p>	Total Dust W.E.L.	10mg/m ³		8 Hours T.W.A	Respirable Dust W.E.L.	4mg/m ³		8 Hours T.W.A	Respirable Quartz W.E.L.	0.1mg/m ³	Crystalline Silica SiO ₂	8 Hours T.W.A
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<p>4. First Aid Measures</p> <p>Inhalation Immediately remove to fresh air. If breathing is stopped or irregular, apply artificial respiration and seek medical attention</p> <p>Skin Contact Wash with water. Prolonged contact may cause irritation</p> <p>Eye Contact Immediately and thoroughly irrigate with water. The material is abrasive and may scratch the surface of the eye. If pain persists seek medical attention</p> <p>Ingestion Remove to fresh air and drink water. Seek medical advice</p>	<p>Hand Protection Gloves</p> <p>Eye Protection Goggles may be required</p> <p>Skin Protection Overalls</p>												
<p>6. Fire Fighting Measures</p> <p>Suitable Extinguishing Media N/A</p> <p>Unsuitable Extinguishing Media N/A</p> <p>Special Exposure Hazards in Fire None</p> <p>Special PPE for Firefighters N/A</p>													

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<p>9. Physical and Chemical Properties</p> <table border="0"> <tr><td>Appearance</td><td>Granular Solid</td></tr> <tr><td>Odour</td><td>None</td></tr> <tr><td>pH</td><td>Various</td></tr> <tr><td>Boiling Point-Range</td><td>Not Determined</td></tr> <tr><td>Melting Point-Range</td><td>Not Determined</td></tr> <tr><td>Flash Point</td><td>N/A</td></tr> <tr><td>Flammability</td><td>N/A</td></tr> <tr><td>Auto Flammability</td><td>N/A</td></tr> <tr><td>Explosive Properties</td><td>N/A</td></tr> <tr><td>Oxidising Properties</td><td>Not Determined</td></tr> <tr><td>Vapour Pressure</td><td>N/A</td></tr> <tr><td>Relative Density</td><td>Above 2.0</td></tr> <tr><td>Water Solubility</td><td>Rock Type Dependent</td></tr> <tr><td>Fat Solubility</td><td>Not determined</td></tr> </table>	Appearance	Granular Solid	Odour	None	pH	Various	Boiling Point-Range	Not Determined	Melting Point-Range	Not Determined	Flash Point	N/A	Flammability	N/A	Auto Flammability	N/A	Explosive Properties	N/A	Oxidising Properties	Not Determined	Vapour Pressure	N/A	Relative Density	Above 2.0	Water Solubility	Rock Type Dependent	Fat Solubility	Not determined	<p>14. Transport Information</p> <p>Special Carriage Requirements None - Open vehicle may require to be sheeted to avoid dust nuisance</p>
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<p>10. Stability and Reactivity</p> <p>Conditions to Avoid Acids (for aggregates containing CaCO₃ and MgCO₃)</p> <p>Hazardous Decomposition Products Limestone aggregates may react with acid groundwater to release carbon dioxide gas, which may build up in confined spaces to hazardous concentrations</p>	<p>15. Regulatory Information</p> <p>This product is not classified as dangerous for transport</p>																												
<p>11. Toxicological Information</p> <p>If inhaled in excessive quantities over a prolonged period or extended period, respirable dust can constitute a long term health hazard</p>	<p>16. Other Information</p> <p>Training Advice Wear and use of PPE</p> <p>Recommended uses and Applications Industrial and construction applications</p> <p>Further Information Health, Safety and Environmental Advisor Grange Construction Materials Tel. 01576490490 email. info@grangeconstructionmaterials.co.uk</p>																												
<p>12. Ecological Information</p> <p>Environmental Assessment When used and disposed of as intended no adverse environmental effects are foreseen. Aggregates are naturally occurring minerals</p> <p>Mobility Aggregates are non volatile materials that will sink in water and form a solid layer on the surface of the ground</p> <p>Persistence and Degradability Aggregates are resistant to degradation and will persist in the environment</p> <p>Ecotoxicity Not expected to be toxic to aquatic organisms</p>	<p>Key Data Used To Compile Data Sheet HSE Guidance Note EH40 PPE Regulations COSHH Regulations Environmental Protection Act</p> <p>Grange Construction Materials Sources</p> <p>Grange Quarry Tundergarth Lockerbie DG11 2QG Tel. 01576710707 Aggregate Type: Crushed Greywacke</p> <p>Kelhead Quarry Kinmount Annan DG12 5RH Tel. 01576710288 Aggregate Type: Crushed Limestone Breccia</p>																												
<p>13. Disposal Consideration</p> <p>Likely Residues - Waste Product None</p> <p>Safe Handling of Residues Waste Product Aggregates are inert but should be disposed of in accordance with local and national legal requirements</p>																													