

Substance/Preparation	First Aid Measures	
Substance Name: Natural Aggregates	<u>Summary of First Aid Procedures</u>	
Company/Undertaking	<u>Inhalation</u>	
Breedon Southern Limited Breedon Quarry Breedon on the Hill Derby DE73 8AP Telephone: 01332 694010 Fax: 01332 863149  Breedon Northern Limited Ethiebeaton Quarry Kingennie Monifieth Angus DD5 3RB Telephone: 01382 537600 Fax: 01382 537619  Web: www.breedongroup.com Email:enquiries@breedongroup.com	Immediately remove to fresh air. If breathing is stopped or irregular, apply artificial respiration and seek medical attention.	
<u>Skin Contact</u>		
Wash with water. Prolonged contact may cause irritation.		
<u>Eye Contact</u>		
Immediately and thoroughly irrigate with water. The material is abrasive and may scratch the surface of the eye. If pain persists seek medical attention.		
<u>Ingestion</u>		
Remove to fresh air and give water to drink. Seek medical advice.		
Composition/Ingredients	Fire Fighting Measures	
Crushed rock and sand and gravel aggregates. (Separate data sheets are available for powdered aggregates).	<u>Suitable Extinguishing Media</u>	
Not applicable		
<u>Unsuitable Extinguishing Media</u>		
Not applicable		
<u>Special Exposure Hazards in Fire</u>		
None		
<u>Special Protective Equipment for Fire Fighters</u>		
None.		
Hazards Identification	Accidental Release Measures	
These products are NOT classified as hazardous in accordance with the CHIP regulations (SI 3247:1994).  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 hazard.  Some sand aggregates are unsuitable for sand blasting operations as they may break down, producing respirable dust containing Quartz.  Advice on the Quartz content and other chemical information is available from the supplying unit.	<u>Personal Precautions</u>	
Avoid breathing in dust.		
<u>Environmental Precautions</u>		
Entry into watercourses should be avoided.		
<u>Methods for Cleaning</u>		
Spray with water to prevent airborne dust. Avoid dry sweeping which creates dust.		
Handling/Storage	Physical and Chemical Properties	
<u>Handling</u> The product should be handled to minimise the creation of airborne dust.	Appearance Odour PH Boiling Point/Range	Granular solid None Various Not Determined

<p><u>Storage</u> No special requirements.</p>	<table border="0"> <tr> <td>Melting Point/Range</td> <td>Not Determined</td> </tr> <tr> <td>Flash Point (0c)</td> <td>Not Applicable</td> </tr> <tr> <td>Flammability</td> <td>Not Applicable</td> </tr> <tr> <td>Auto Flammability</td> <td>Not Applicable</td> </tr> <tr> <td>Explosive Properties</td> <td>Not Applicable</td> </tr> <tr> <td>Oxidising Properties</td> <td>Not Determined</td> </tr> <tr> <td>Vapour Pressure</td> <td>Not Applicable</td> </tr> <tr> <td>Relative Density</td> <td>Above 2.0</td> </tr> <tr> <td>Water Solubility</td> <td>Dependent on rock type</td> </tr> <tr> <td>Fat Solubility</td> <td>Not Determined</td> </tr> </table>	Melting Point/Range	Not Determined	Flash Point (0c)	Not Applicable	Flammability	Not Applicable	Auto Flammability	Not Applicable	Explosive Properties	Not Applicable	Oxidising Properties	Not Determined	Vapour Pressure	Not Applicable	Relative Density	Above 2.0	Water Solubility	Dependent on rock type	Fat Solubility	Not Determined
Melting Point/Range	Not Determined																				
Flash Point (0c)	Not Applicable																				
Flammability	Not Applicable																				
Auto Flammability	Not Applicable																				
Explosive Properties	Not Applicable																				
Oxidising Properties	Not Determined																				
Vapour Pressure	Not Applicable																				
Relative Density	Above 2.0																				
Water Solubility	Dependent on rock type																				
Fat Solubility	Not Determined																				
<p><b>Exposure Controls</b></p>	<p><b>Stability and Reactivity</b></p>																				
<p><u>Take Measures to Prevent</u> Inhalation of dust from aggregates should be avoided.</p> <p><u>Workplace Exposure Limits</u></p> <p>Total Inhalable Dust: 10mg/m<sup>3</sup> 8 Hours T.W.A. Respirable Dust: 4mg/m<sup>3</sup> 8 hours T.W.A. Respirable Quartz: 0.1mg/m<sup>3</sup> 8 Hours T.W.A. (Crystalline Silica SiO<sub>2</sub>)</p> <p>T.W.A. = Time Weighted Average</p>	<p><u>Conditions to avoid</u> None.</p> <p><u>Materials to avoid</u> Acids (for aggregates containing CaCO<sub>3</sub> &amp; MgCO<sub>3</sub>)</p> <p><u>Hazardous Decomposition Products</u> Limestone aggregates may react with acid groundwater to release carbon dioxide gas, which may build up in confined spaces to hazardous concentrations.</p>																				
<p><b>Personal Protection</b></p>	<p><b>Toxicological Information</b></p>																				
<p><u>Respiratory Protection</u> Suitable dust masks should be worn in enclosed spaces where the handling or further crushing of dry aggregates is taking place and where adequate ventilation is not provided.</p> <p><u>Hand Protection</u> Gloves.</p> <p><u>Eye Protection</u> Goggles may be required.</p> <p><u>Skin Protection</u> Overalls.</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><b>Ecological Information</b></p>	<p><b>Transport Information</b></p>																				
<p><u>Environmental Assessment</u> When used and disposed of as intended, no adverse environmental effects are foreseen. Aggregates are naturally occurring minerals.</p> <p><u>Mobility</u> Aggregates are non-volatile materials that will sink in water and form a solid layer on the surface of the ground.</p> <p><u>Persistence and Degradability</u> Aggregates are resistant to degradation and will persist in the environment.</p> <p><u>Ecotoxicity</u> Not expected to be toxic to aquatic organisms.</p>	<p><u>Special Carriage Requirements</u> None - open vehicles to be sheeted to avoid dust nuisance.</p>																				

Disposal	Other Information
<p><u>Likely Residues/Waste Product</u> None.</p> <p><u>Safe Handling of Residues/Waste Product</u> Aggregates are inert but should be disposed of in accordance with local and national legal requirements. See the Environmental Protection Act 1990 'Duty of care' and other current legislation.</p>	<p><u>Training Advice</u> Wear and use of PPE</p> <p><u>Recommended Uses and Applications</u> Industrial and construction applications</p> <p><u>Further Information</u> Head of Safety, Health and Environment Breedon Southern Limited Telephone (01332) 694010</p> <p>Key data used to compile data sheet HSE Guidance Note EH40/2011 PPE Regulations 1992 COSHH Regulations 2002 (sixth edition) 2013 Environment Protection Act 1990 HSE Crystalline Silica EH59</p> <p>Further copies of this Safety Data Sheet may be obtained from either Breedon Southern Limited or Breedon Northern Limited.</p>
Regulatory Information	Legal Notice
<p>This product is NOT classified as dangerous for transport.</p>	<p>The information in this Safety Data Sheet was believed to be correct at the time of issue. However, no warranty is made or implied as to the accuracy or completeness of this information.</p> <p>If you have purchased this product for supply to a third party for use at work, it is your duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet.</p> <p>If you are an employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet and any of the precautions which should be taken.</p> <p>This Safety Data Sheet does not constitute the user's own assessment of workplace risk, and it is the user's sole responsibility to take all necessary precautions when using this product.</p>