

Substance/Preparation	First Aid Measures
Substance Name: Pre-Cast Concrete Products	<p><u>Summary of First Aid Procedures</u></p> <p>In all cases of doubt, or where symptoms persist, medical advice should be obtained.</p> <p><u>Inhalation</u> Remove to a dust free area and seek medical attention if breathing difficulties are experienced.</p> <p><u>Skin Contact</u> Wash with soap and water. If prolonged contact causes irritation seek medical attention.</p> <p><u>Eye Contact</u> Irrigate with plenty of water and seek medical attention if soreness continues.</p> <p><u>Ingestion</u> Give water to drink and seek medical advice.</p>
Company/Undertaking	Fire Fighting Measures
<p>Breedon Northern Limited Breedon Fyfestone Kemnay Factory Aquithie Road Kemnay AB51 9PD Telephone: 01467 651 000</p> <p>Web: www.breedongroup.com Email:enquiries@breedongroup.com</p>	<p><u>Suitable Extinguishing Media</u> Not applicable.</p> <p><u>Unsuitable Extinguishing Media</u> Not applicable.</p> <p><u>Special Exposure Hazards in Fire</u> None.</p> <p><u>Special Protective Equipment for Fire Fighters</u> None.</p>
Composition/Ingredients	Accidental Release Measures
<p>Pre-cast concrete products are manufactured from a mix of raw materials, including:</p> <ul style="list-style-type: none"> - Sand and gravel aggregates - Pulverised fuel ash (PFA) - Cement - Limestone dust - Crushed rock - Inert pigments 	<p><u>Personal Precautions</u> No special requirements.</p> <p><u>Environmental Precautions</u> Entry into watercourses should be avoided.</p> <p><u>Methods for Cleaning</u> No special requirements.</p>
Hazards Identification	Personal Precautions
<p>There is a potential for respirable dust, including an element of respirable crystalline silica (quartz), to be released if the product is drilled, cut, sawn, crushed or accidentally broken up. This could pose a health hazard if inhaled over a prolonged period of time.</p> <p>Concrete products and dust particles can also cause abrasion or irritation to skin and eyes.</p> <p>The weight of the product could pose a health hazard if inappropriate manual handling techniques are employed.</p> <p>For further guidance see HSE Publications EH44 Dust: General Principles of Protection, Getting to Grips with Manual Handling: A short Guide & Information Sheet Number 26 (Revision 2) - Cement.</p>	<p><u>Personal Precautions</u> No special requirements.</p> <p><u>Environmental Precautions</u> Entry into watercourses should be avoided.</p> <p><u>Methods for Cleaning</u> No special requirements.</p>

Handling/Storage	Physical and Chemical Properties	
<p><u>Handling</u> The product should be handled in a manner that will minimise the generation of airborne dust. Manual handling of the product should be avoided so far as is reasonably practical. Where this is not possible, an assessment should be made, taking into account the load, environment, task, individual capability and training. Always employ good lifting techniques.</p> <p><u>Storage</u> No restrictions.</p>	<p>Appearance Odour PH Boiling Point/Range Melting Point/Range Flash Point (0c) Flammability Auto Flammability Explosive Properties Oxidising Properties Vapour Pressure Relative Density Water Solubility Fat Solubility</p>	<p>Various Colours None Highly Alkaline Not Determined Not Determined Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Above 2.0 Dependent on rock type Not Determined</p>
Exposure Controls	Stability and Reactivity	
<p><u>Take Measures to Prevent</u> Use dust extraction and containment where possible.</p> <p>Workplace Exposure Limits Total Inhalable Dust: 10 mg/m³ Total Respirable Dust: 4mg/m³ Respirable Crystalline Silica: 0.1mg/m³</p> <p>All are given as maximum concentrations and expressed as an 8 Hour Time Weighted Average (TWA).</p>	<p><u>Conditions to avoid</u> None.</p> <p><u>Materials to avoid</u> None.</p> <p><u>Hazardous Decomposition Products</u> None.</p>	
Personal Protection	Toxicological Information	
<p><u>Respiratory Protection</u> Dust masks or respirators should be worn during handling and use of the product to accord with the relevant WEL listed above, particularly during drilling, cutting and sawing activities.</p> <p><u>Hand Protection</u> Gloves or barrier cream & goggles.</p> <p><u>Skin Protection</u> Long sleeved clothing, full length trousers and impervious boots.</p> <p><u>Eye Protection</u> Goggles may be required.</p>	<p>Skin contact could result in dermatitis and skin burns or disease. Inhalation or respirable dust from the working of hardened concrete may cause permanent lung damage.</p>	
Ecological Information	Transport Information	
<p><u>Possible Effects</u> None.</p> <p><u>Behaviour</u> Non Hazardous.</p> <p><u>Environmental Assessment</u> When used and disposed of as intended, no adverse environmental effects are foreseen.</p>	<p><u>Special Carriage Requirements</u> None.</p>	

Disposal	Other Information
<p><u>Likely Residues/Waste Product</u> Inert hardened material.</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>Further Information</u> Breedon Northern Limited Breedon Fyestone Telephone: (01467) 651 000</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>
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>