



7.	<p><b><u>Handling and Storage</u></b></p> <p>Due to the weight and abrasive nature of the products, suitable gloves and protective footwear should be worn when handling.  With the exception of infill blocks, manual lifting of the products should be avoided. Lifting operations must be planned and controlled by competent persons. Where the product has cast-in lifting points, these should be used.  Product should be stored / stacked on firm, level ground, which is capable of bearing the imposed load.</p>						
8.	<p><b><u>Exposure control / personal protection</u></b></p> <p>Workplace exposure limits: -</p> <table data-bbox="321 628 850 747"> <tr> <td>Total inhalable dust</td> <td>10 mg/m<sup>3</sup></td> </tr> <tr> <td>Respirable dust</td> <td>4 mg/m<sup>3</sup></td> </tr> <tr> <td>Respirable silica</td> <td>0.3 mg/m<sup>3</sup></td> </tr> </table> <p>(source: HSE publication EH40/2005)</p> <p>Where the above limits will be exceeded, e.g. when cutting products using power tools, personal protection should be worn: -</p> <ul style="list-style-type: none"> <li>Respiratory protection to EN149 (filtering face piece respirators) or EN140/EN143 (half mask respirators and filters).</li> <li>Gloves to BS EN 388 – mechanical hazard protection, and safety footwear with steel toecaps to BS EN 345, should be worn when handling products.</li> </ul> <p>When cutting products using power tools, the following items should be worn: -</p> <ul style="list-style-type: none"> <li>Eye protection to BS EN 166 grade 1</li> <li>Hearing protection with a recommended noise rating of 95 dB – 105 dB</li> </ul> <p>(Note – engineering measures as detailed in section 6 should be used where practical to minimise dust levels).  The risk of fire should be controlled when using power tools to cut reinforced or prestressed products.</p>	Total inhalable dust	10 mg/m <sup>3</sup>	Respirable dust	4 mg/m <sup>3</sup>	Respirable silica	0.3 mg/m <sup>3</sup>
Total inhalable dust	10 mg/m <sup>3</sup>						
Respirable dust	4 mg/m <sup>3</sup>						
Respirable silica	0.3 mg/m <sup>3</sup>						
9.	<p><b><u>Physical and chemical properties</u></b></p> <p>Odourless, light grey, shaped components with a density in the range 2.0 – 2.5 tonnes/m<sup>3</sup></p>						
10.	<p><b><u>Stability and reactivity</u></b></p> <p>Products are stable and non-reactive.</p>						
11.	<p><b><u>Toxicological information</u></b></p> <p>Airborne dust – health effects</p> <ul style="list-style-type: none"> <li>Eyes – may cause irritation</li> <li>Skin – brief or occasional contact is unlikely to be harmful</li> <li>Inhalation – repeated inhalation of silica dust above the workplace exposure limit can lead to the development of silicosis.</li> <li>Ingestion – unlikely to be harmful.</li> </ul>						
12.	<p><b><u>Ecological information.</u></b></p> <p>When handled, used and disposed of correctly, no adverse ecological effects are likely.</p>						

13.	<p><b><u>Disposal considerations</u></b></p> <p>The products are not classified as hazardous, and can be disposed of as inert waste to a suitable licenced facility, subject to local authority requirements.</p>
14.	<p><b><u>Transport information</u></b></p> <p>Products are not classified as dangerous goods under any transport legislation.</p>
15.	<p><b><u>Regulatory information</u></b></p> <p>Products are not classified as dangerous for supply in the UK.</p> <p>Guidance notes:     Workplace exposure limits EH40/2005                                  Local exhaust ventilation HS(G) 37                                  Respirable crystalline silica EH59                                  Dust – general principles of protection EH44                                  Waste management – the Duty of Care</p>
16.	<p><b><u>Other information</u></b></p> <p>If the products have been purchased for supply to third parties, a copy of this data sheet should be provided to the third parties.</p> <p>The information in this data sheet covers use of the products as intended.</p> <p>Please note that this data sheet does not constitute a risk assessment as required under the Control of Substances Hazardous to Health Regulations.</p> <p>Issue number 2  Revision date 06 July 2006.</p>