



**ANH Refractories Europe Ltd**

Dock Road South, Bromborough  
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## SAFETY DATA SHEET

<b>1. PRODUCT IDENTIFICATION</b>	This Safety Data Sheet covers the product below.
<b>Commercial Name</b>	GREENPAK 45
<b>Description</b>	Plastic Mouldable refractory.
<b>Manufacturer</b>	ANH Refractories Europe Ltd Dock Road South Bromborough, Wirral CH62 4SP, England  Tel: 44 (0)151 641 5900 Fax: 44 (0)151 641 5910 E-Mail: sales@anheurope.co.uk
<b>2. INFORMATION ON INGREDIENTS</b>	Refractory Aggregates >50 ≤100% CAS NO. 1344-28-1 Clay Binder >10 ≤25% CAS NO. 1332-58-7
<b>Impurities of a dangerous nature</b>	Not inhalable in supplied form.
<b>3. HAZARD IDENTIFICATION</b>	Long term exposure to Crystalline Silica can cause Silicosis.  Handling can cause damage to the skin.
<b>4. FIRST AID MEASURES</b>	
<b>Inhalation</b>	Not applicable in supplied state.
<b>Skin</b>	Remove contaminated clothing and wash affected area with soap and water.
<b>Eye</b>	Flush eyes with plenty of clean water / saline. Seek medical attention.
<b>Ingestion</b>	Wash out mouth with water and give plenty of water to drink. Seek medical attention.



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<b>5. FIRE-FIGHTING MEASURES</b>	This product is not combustible or explosive. In certain circumstances fire could cause emission of sulphur oxide gases.									
<b>6. ACCIDENTAL RELEASE MEASURES</b>	<p>Personal Precautions - See Section 8.</p> <p>Remove using normal housekeeping measures.</p> <p>Dispose in an approved dump.</p>									
<b>7. HANDLING AND STORAGE</b>										
<b>Handling</b>	Control the environment to ensure compliance with current occupational exposure limits.									
<b>Storage</b>	Store in dry conditions on a pallet protected by shrink-wrapping.									
<b>8. EXPOSURE CONTROLS, PERSONAL PROTECTION</b>	<p>Mechanical ventilation is recommended wherever feasible for evacuation of dust during handling operations.</p> <p>Protective clothing is recommended, including gloves, goggles and boots. Suitable respiratory protection should be worn when conditions are such that the personal exposure is estimated to approach or exceed the stated limit.</p>									
<b>Occupational Exposure Limits</b>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Respirable Crystalline Silica (CAS NO. 14808-60)</td> <td style="width: 20%; text-align: center;">0.1 mg/m<sup>3</sup></td> <td style="width: 20%; text-align: center;">8 hr TWA</td> </tr> <tr> <td>Product Total Inhalable Dust</td> <td style="text-align: center;">10 mg/m<sup>3</sup></td> <td style="text-align: center;">8 hr TWA</td> </tr> <tr> <td style="padding-left: 40px;">Respirable Dust</td> <td style="text-align: center;">4 mg/m<sup>3</sup></td> <td style="text-align: center;">8 hr TWA</td> </tr> </table>	Respirable Crystalline Silica (CAS NO. 14808-60)	0.1 mg/m <sup>3</sup>	8 hr TWA	Product Total Inhalable Dust	10 mg/m <sup>3</sup>	8 hr TWA	Respirable Dust	4 mg/m <sup>3</sup>	8 hr TWA
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<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>										
<b>Form</b>	Wet plastic mix containing aggregates.									
<b>Colour</b>	Buff / Grey									
<b>pH</b>	Approx 5 - 6									
	May emit Sulphur Oxides on heating for the first time.									
<b>10. STABILITY AND REACTIVITY</b>	This product is stable and generally unreactive at ambient temperatures.									



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<b>11. TOXICOLOGICAL INFORMATION</b>	<p>This product provides little threat to human health within the normal standards of industrial hygiene.</p> <p>See also section 3.</p>
<b>12. ECOLOGICAL INFORMATION</b>	<p>This product is soluble to the extent of 3 - 4% in the unused form. After use it is generally insoluble in water see section 13.</p>
<b>13. DISPOSAL CONSIDERATIONS</b>	<p>Unused material can be disposed of in approved landfill sites in accordance with local regulations.</p> <p>Before wrecking and removing redundant refractory linings, customers are advised to evaluate any changes that may be induced by the conditions under which it has been used. Consult local and EC regulations. This material is a "Special Waste" under the Control of Pollution Regs 1980.</p>
<b>14. TRANSPORT INFORMATION</b>	<p>No special requirements not classified as hazardous according to international transport regulations.</p>
<b>15. REGULATORY INFORMATION</b>  <b>Product Classification and Labelling</b>	<p>Symbol: Not subject to classification. R-phrases: None. S-phrases: None.</p>
<b>16. OTHER INFORMATION</b>	<p>This safety data sheet has been prepared in accordance with EC Directive 91/155/EEC and current UK and EC legislation.</p>

