



ANH Refractories Europe Ltd

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SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION Commercial Name Description Manufacturer	<p>This Safety Data Sheet covers the product below.</p> <p>NO 36 CEMENT</p> <p>Refractory mortar (wet)</p> <p>ANH Refractories Europe Ltd Dock Road South Bromborough, Wirral CH62 4SP, England</p> <p>Tel: 44 (0)151 641 5900 Fax: 44 (0)151 641 5910 E-Mail: sales@anheurope.co.uk</p>												
2. INFORMATION ON INGREDIENTS Impurities of a dangerous nature	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Sodium Silicate</td> <td style="width: 20%; text-align: center;">>10</td> <td style="width: 20%; text-align: center;">≤25%</td> </tr> <tr> <td>CAS NO. 1344-09-8</td> <td></td> <td></td> </tr> <tr> <td>Refractory Aggregates</td> <td style="text-align: center;">>25</td> <td style="text-align: center;">≤50%</td> </tr> <tr> <td>CAS NO. 1344-28-1</td> <td></td> <td></td> </tr> </table> <p>This product is supplied wet. Crystalline Silica may be present, but is not an inhalable hazard as supplied.</p>	Sodium Silicate	>10	≤25%	CAS NO. 1344-09-8			Refractory Aggregates	>25	≤50%	CAS NO. 1344-28-1		
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3. HAZARD IDENTIFICATION	<p>Long term exposure to Crystalline Silica can cause Silicosis.</p> <p>Prolonged handling can cause soreness of the skin.</p> <p>See section 8.</p>												
4. FIRST AID MEASURES Inhalation Skin Eye Ingestion	<p>Not applicable in supplied state.</p> <p>Remove contaminated clothing and wash affected area with soap and water.</p> <p>Flush eyes with plenty of clean water / saline. Seek medical attention.</p> <p>Wash out mouth with water and give plenty of water to drink. Seek medical attention.</p>												



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5. FIRE-FIGHTING MEASURES	This product is not combustible or explosive but see section 10.									
6. ACCIDENTAL RELEASE MEASURES	<p>Personal Precautions - See Section 8.</p> <p>Remove using normal housekeeping measures.</p> <p>Dispose in an approved dump. This material is a "Special Waste" under the Control of Pollution Regs 1980.</p>									
7. HANDLING AND STORAGE										
Handling	Control the environment to ensure compliance with current occupational exposure limits.									
Storage	Store in dry conditions ideally between 10 - 25°C on a pallet protected by shrink-wrapping.									
8. EXPOSURE CONTROLS, PERSONAL PROTECTION	<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>									
Occupational Exposure Limits	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Respirable Crystalline Silica (CAS 14808-60)</td> <td style="width: 20%; text-align: center;">0.1 mg/m³</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/m³</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/m³</td> <td style="text-align: center;">8 hr TWA</td> </tr> </table>	Respirable Crystalline Silica (CAS 14808-60)	0.1 mg/m ³	8 hr TWA	Product Total Inhalable Dust	10 mg/m ³	8 hr TWA	Respirable Dust	4 mg/m ³	8 hr TWA
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9. PHYSICAL AND CHEMICAL PROPERTIES										
Form	Viscous aqueous suspension of fine solids.									
Colour	Grey									
Bulk Density	Approx 2240 Kg/m ³									
pH	Approx 11									
10. STABILITY AND REACTIVITY	This product is stable in air, but may react with clean Aluminium or Zinc to evolve Hydrogen. May react violently with acids.									



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11. TOXICOLOGICAL INFORMATION	<p>This product is classified as an irritant.</p> <p>Crystalline Silica may be a hazard on wrecking redundant furnace refractory structures (see 3 and 6).</p>
12. ECOLOGICAL INFORMATION	<p>Approximately 30% of the product in its unused state is soluble in water, consequently alkali may be leached by ground water. This solubility is greatly reduced after use where the product has been heated to elevated temperatures.</p>
13. DISPOSAL CONSIDERATIONS	<p>Spilled products should be placed in closed containers for disposal in a suitable dump.</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>
14. TRANSPORT INFORMATION	<p>No special requirements not classified as hazardous according to international transport regulations.</p>
15. REGULATORY INFORMATION Product Classification and Labelling	<p>Symbol: Not subject to classification. R-phrases: None. S-phrases: None.</p>
16. OTHER INFORMATION	<p>This safety data sheet has been prepared in accordance with EC Directive 91/155/EEC and current UK and EC legislation.</p>

