



HICEM

Fibre Cement Board



SAFETY
DATA
SHEET

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<p>1. PRODUCT AND COMPANY IDENTIFICATION</p> <p style="text-align: center;">RAMCO HICEM FIBRE CEMENT BOARD</p>	<p>6. ACCIDENTAL RELEASE MEASURES</p> <p>Not applicable</p>																		
<p>2. HAZARDS IDENTIFICATION</p> <p>Avoid creating dust and use slow-running tools which produce only coarse dust or chips, rather than high speed machines, thus generating inhalable dust</p>	<p>7. HANDLING AND STORAGE</p> <p>Handling: (Applicable only when cutting operation is carried out). For hand operations or short time and intermittent use of slow running tools in the open air, special precautions are not normally required. Avoid inhalation of dust. Care should be taken when handling boards.</p> <p>Storage: Pallets/boards should be stored on flat surface, in a dry, covered, frost proof and well-ventilated area. During transport the products should be covered.</p>																		
<p>3. COMPOSITION</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Product</th> <th style="width: 20%;">CAS Number</th> <th style="width: 60%;">Composition %</th> </tr> </thead> <tbody> <tr> <td>Portland cement</td> <td style="text-align: center;">65997-15-1</td> <td style="text-align: center;"><60</td> </tr> <tr> <td>Crystalline silica (Quartz)</td> <td style="text-align: center;">14808-60-7</td> <td style="text-align: center;"><40</td> </tr> <tr> <td>Cellulose Pulp</td> <td style="text-align: center;">9004-34-6</td> <td style="text-align: center;"><10</td> </tr> <tr> <td>Fly ash</td> <td style="text-align: center;">68131-74-8</td> <td style="text-align: center;"><30</td> </tr> <tr> <td>Other Non-Hazardous Ingredients(Filler)</td> <td style="text-align: center;">N/A</td> <td style="text-align: center;"><10</td> </tr> </tbody> </table>	Product	CAS Number	Composition %	Portland cement	65997-15-1	<60	Crystalline silica (Quartz)	14808-60-7	<40	Cellulose Pulp	9004-34-6	<10	Fly ash	68131-74-8	<30	Other Non-Hazardous Ingredients(Filler)	N/A	<10	<p>8. EXPOSURE CONTROLS / PERSONAL PROTECTION</p> <p>Ramco boards do not allow dust into the environment and is applicable only when cutting operation is carried out</p> <p>Eyes: Use safety goggles suitable for dust protection during cutting and drilling.</p> <p>Skin: Use protective gloves and normal working overalls as appropriate.</p> <p>Inhalation: Wear suitable, approved personal protective equipment; a mask with dust filter type P2 (for fine dust) may be appropriate for cutting and drilling.</p> <p>Workplace Layout: No specific requirements. The work area should be well ventilated if dust is generated during work.</p>
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<p>4. FIRST AID MEASURES</p> <p>Eye Contact: Flush eye immediately with water or physiological saline for at least 15 minutes. Remove any contact lenses and open eye widely. If irritation continues, seek medical advice.</p> <p>Skin Contact: Wash the skin thoroughly with water.</p> <p>Inhalation: Take exposed person to fresh air.</p> <p>Ingestion: Flush mouth thoroughly and drink plenty of water.</p> <p>Information: Show this document (SDS) to the doctor or the casualty department.</p>																			
<p>5. FIRE FIGHTING MEASURES</p> <p>Fire Precautions: No special precautions required.</p> <p>Firefighting Equipment: Not applicable.</p> <p>Hazardous Decomposition Products: Not flammable.</p>																			

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<p>9. PHYSICAL AND CHEMICAL PROPERTIES</p> <table border="0"> <tr><td>Appearance</td><td>Grey in color</td></tr> <tr><td>Delivery Form</td><td>Strong Flexible</td></tr> <tr><td>Odor</td><td>None</td></tr> <tr><td>Boiling Point</td><td>Not Applicable</td></tr> <tr><td>Melting Point</td><td>Not Applicable</td></tr> <tr><td>Flash Point</td><td>Not Applicable</td></tr> <tr><td>Flammability</td><td>Not Applicable</td></tr> <tr><td>Explosive properties</td><td>Not Applicable</td></tr> <tr><td>Oxidizing properties</td><td>Not Applicable</td></tr> <tr><td>Vapor Pressure</td><td>Not Applicable</td></tr> <tr><td>Average density</td><td>1.20 g/cc</td></tr> <tr><td><u>Solubility</u></td><td></td></tr> <tr><td>Water solubility</td><td>Fat Solubility</td></tr> <tr><td>Insoluble</td><td>Not Applicable</td></tr> <tr><td>pH Value</td><td>8-9</td></tr> <tr><td>Partition coefficient</td><td>Not applicable</td></tr> <tr><td>Viscosity</td><td>Not applicable</td></tr> </table>	Appearance	Grey in color	Delivery Form	Strong Flexible	Odor	None	Boiling Point	Not Applicable	Melting Point	Not Applicable	Flash Point	Not Applicable	Flammability	Not Applicable	Explosive properties	Not Applicable	Oxidizing properties	Not Applicable	Vapor Pressure	Not Applicable	Average density	1.20 g/cc	<u>Solubility</u>		Water solubility	Fat Solubility	Insoluble	Not Applicable	pH Value	8-9	Partition coefficient	Not applicable	Viscosity	Not applicable	<p>12. ECOLOGICAL INFORMATION</p> <p>No significant effect.</p>
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<p>10. STABILITY AND REACTIVITY</p> <p>Stable and inert.</p>	<p>13. DISPOSAL CONSIDERATIONS</p> <p>Waste Disposal: Treat as construction industry waste in accordance with local legislations</p>																																		
<p>11. TOXICOLOGICAL INFORMATION</p> <p>Routes of Exposure: Lungs, gastro-intestinal tract and eyes (dust created in cutting or drilling of the boards).</p> <p>Short Term Effects:</p> <p>Eyes: Dust particles may cause temporary irritation and watering of the eyes.</p> <p>Skin: None anticipated.</p> <p>Inhalation: Dust may result in irritation of the respiratory tract.</p> <p>Ingestion: Mild discomfort.</p> <p>Long Term Effects: Prolonged inhalation of high concentrations of the dust may cause respiratory conditions.</p>	<p>14. TRANSPORT INFORMATION</p> <p>No special requirements</p>																																		
	<p>15. REGULATORY INFORMATION</p> <p>OCCUPATIONAL EXPOSURE STANDARD (OES) SHORT TERM EXPOSURE LIMIT (STEL)</p> <p>Calcium Silicate: OES 10mg/m³ total inhalable dust, 5mg/m³ respirable dust, 8-hour time weighted averages.</p> <p>Cellulose: OES 10mg/m³ total inhalable dust, 5mg/m³ respirable dust, 8-hour time weighted averages and STEL 20mg/ m³.</p>																																		
	<p>16. OTHER INFORMATION</p> <p>Fields of Application: Boards for use in construction industry.</p> <p>Restriction of Application: None anticipated.</p> <p>Requirements Concerning Special Training: No special training necessary. The worker shall be fully instructed in the conduct of the job and be informed of the contents of this document (SDS).</p> <p>As of the date of preparation of this document, the foregoing information is believed to be accurate and is provided in good faith. However, no warranty or representation with respect to such information is intended or given.</p>																																		
	<p>This is an electronically generated document, signature not required.</p>																																		

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