


Material Safety Data Sheet

According to 2001/58/EC

SKAMOL FL-06 Insulating Mortar

March 2008
Rev. 08

<p>01 Product Identification</p> <p>Company</p>	<p>Skamol FL-06</p> <p>Skamol A/S Østergade 58-60 DK-7900 Nykøbing Mors Denmark Phone: +45-97 72 15 33 Fax: +45-97 72 49 75 E-mail: insulation@skamol.dk www.skamol.com</p>		
<p>02 Chemical Composition Substances and CAS No.</p>	<p>Substances</p> <p>Part (A)</p> <p>Calcined kaolin</p> <p>Fireclay</p> <p>Starch</p> <p>Quartz</p> <p>Part (B)</p> <p>Sodium metasilicate pentahydrate</p>	<p>Content w/w%</p> <p>>80</p> <p><20</p> <p><2.5</p> <p>5.0-6.5</p> <p>100</p>	<p>Classification</p> <p>1332-58-7</p> <p>130498-21-4</p> <p>9005-84-9</p> <p>14808-60-7</p> <p>10213-79-3 C;R34 XI;R37</p>
<p>03 Health Hazard</p>	<p>Dust from (A) and (B) or prepared mix can cause irritation of the respiratory system, eyes and skin. The prepared mix and (B) are corrosive and can cause severe eye damage in case of contact.</p> 		
<p>04 First Aid</p> <p>Inhalation</p> <p>Consumption</p> <p>Skin contact</p> <p>Eye contact</p>	<p>Go out in fresh air. Seek medical advice if irritation continues.</p> <p>Prepared mix or (B): Rinse mouth and drink water. Ingestion of prepared prepared mix (see section 16): Drink plenty of water - do <u>not</u> induce vomiting. Get medical attention and produce this product information sheet.</p> <p>Contact with the prepared mix or (B): Immediately remove contaminated clothing and wash skin thoroughly with soap and water. Seek medical attention if irritation develops.</p> <p>Prepared mix or (B): Flush with tepid water (using eye rinser) for at least 15 minutes while holding the eyelids wide open (remove contact lenses). Seek medical attention if irritation develops.</p>		
<p>05 Fire Fighting Measures</p>	<p>The product is non-flammable. Compatible with all types of fire extinguishing equipment.</p>		
<p>06 Accidental Release Measures</p>	<p>Carefully sweep up released product. Avoid generation of dust. Released material can be moistened if it is too dry. The material should be prevented from entering the environment. Use protective equipment as described in section 8.</p>		
<p>7 Handling and Storage</p> <p>Handling</p> <p>Storage</p>	<p>Prevent generation of dust. Avoid skin contact while handling the prepared mix. Easy access to running water and eye rinser must be available.</p> <p>In dry conditions and inaccessible to children. Not to be stored near foods, feedstuffs, medicine and the like.</p>		

<p>08 Exposure Control / Personal Protection Handling</p> <p>Breathing protection</p> <p>Hand and skin protection</p> <p>Eye protection</p> <p>Limits</p> <p>Control methods</p>	<p>While handling the mixed product generation of dust should be prevented and skin contact be avoided. In case this is not possible, use protective equipment as described below.</p> <p>No hazardous vapours. Local exhaust ventilation or respiratory protection with particle filter P2 should be applied in case dust is generated.</p> <p>Protective gloves (rubber or neoprene), face shield, hat/helmet and protective work clothing should be worn while mixing and working with the mixed product.</p> <p>Protective spectacles should be worn to prevent dust and stains in the eyes.</p> <table border="0" data-bbox="627 622 1447 683"> <tr> <td><i>Substances</i></td> <td style="text-align: right;"><i>Value limit</i></td> </tr> <tr> <td>Mineral dust</td> <td style="text-align: right;">10 mg/m³</td> </tr> </table> <p>The stated values can be controlled by occupational hygienic measurements.</p>	<i>Substances</i>	<i>Value limit</i>	Mineral dust	10 mg/m ³											
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<p>09 Physico-chemical properties</p>	<table border="0" data-bbox="627 734 1447 875"> <tr> <td></td> <td style="text-align: center;">Part (A)</td> <td style="text-align: center;">Part (B)</td> </tr> <tr> <td>Appearance:</td> <td style="text-align: center;">Greyish powder</td> <td style="text-align: center;">White salt</td> </tr> <tr> <td>Smell:</td> <td style="text-align: center;">none</td> <td style="text-align: center;">none</td> </tr> <tr> <td>Bulk density:</td> <td style="text-align: center;">1300 kg/m³</td> <td style="text-align: center;">900 kg/m³</td> </tr> <tr> <td>Solubility in water:</td> <td style="text-align: center;">Insoluble</td> <td style="text-align: center;">99% soluble</td> </tr> </table>		Part (A)	Part (B)	Appearance:	Greyish powder	White salt	Smell:	none	none	Bulk density:	1300 kg/m ³	900 kg/m ³	Solubility in water:	Insoluble	99% soluble
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<p>10 Stability and Reactivity</p>	<p>Stable under normal circumstances. Hardens to a firm substance in contact with water or damp air.</p>															
<p>11 Toxicological Measures Inhalation</p> <p>Ingestion</p> <p>Skin contact</p> <p>Eye contact</p> <p>Long-term effects</p>	<p>Dust from (A) and (B) or prepared mix may irritate respiratory organs. No vapours from part (A) and (B) or prepared mix.</p> <p>Irritant. Part (B) and prepared mix are corrosive.</p> <p>Irritant. Part (B) and prepared mix are corrosive.</p> <p>Dust may be irritating to the eyes. Part (B) and prepared mix may cause serious damage to the eyes if in direct contact.</p> <p>None known.</p>															
<p>12 Ecological Information</p>	<p>No information of the product. Hardens to a firm substance. This material should be prevented from entering the environment.</p>															
<p>13 Disposal</p>	<p>Spills and waste should be collected in closed containers and removed according to agreement with local authorities. Transport according to section 14.</p> <p>Chemical waste group: X. Chemical waste card: 5.14</p> <p>EWC-code: User must state EWC-code based on application and trade.</p> <p>Hardened material is non-hazardous.</p> <p>Part (B): chemical waste card 4.32</p>															
<p>14 Transportation</p>	<p>Due to content of part (B), ref. section 16 below, the product is subject to transportation regulations UN 3253 Limited Quantity.</p>															
<p>15 Labelling and classification Danger symbols</p> <p>Risk regulations</p> <p>Safety regulations</p> <p>Special labelling regulations</p> <p>MAL code</p> <p>- Prepared mix</p> <p>Restrictions of use</p>	<p>The prepared product is not classified as hazardous material.</p> <p>Part (A): No labelling required.</p> <p>Part (B): Corrosive (C)</p> <p>R 34: Causes burns</p> <p>R 37: Irritation to respiratory system</p> <p>S 45: In case of accident or if you feel unwell, seek medical advice.</p> <p>S 36/37/39: Wear suitable protective clothing, gloves and eye/face protection.</p> <p>None.</p> <p>00-1 (1993)</p> <p>00-4 (1993)</p> <p>None</p>															
<p>16 Other Information Application</p> <p>Packing</p> <p>Mixing</p> <p>Prepared by</p>	<p>Installation of high-temperature insulation in furnaces and chimneys.</p> <p>25 kg plastic bags (packed in colotainers) containing: Part (A) 21.25 kg Dry mix Skamol FL-06 Part (B) 3.75 kg sodium metasilicate in plastic bag</p> <p>Mix the components and add 6.8 litres of water.</p> <p>Skamol HTI</p>															