



MATERIAL SAFETY DATA SHEET
IN ACCORDANCE WITH 91/155/EEC, 93/112/EEC,2001/58/EC,2001/59/EC

Date : June 26, 2002

Revision N° : 3

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<p>1. Identification of the substance and of the Company/undertaking</p>	<p>Trade name(s) : OpTiMat™</p> <p>Chemical name : Aluminum Silica</p> <p>Supplier : World Minerals Europe 257, Avenue Georges Clémenceau 92745 NANTERRE FRANCE</p> <p>Tel. : + 33 1 41 91 57 00 Fax. : + 33 1 41 91 57 32</p> <p>Emergency phone number : Chemtrec International +1 703 527 38 87</p>								
<p>2.Composition/information on ingredients</p>	<p>Chemical Characterization :</p> <p>Composition of product & chemical contents indicating dangerous components :</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;"></th> <th style="width: 15%; text-align: center;"><u>CAS NUMBER</u></th> <th style="width: 10%; text-align: center;"><u>%</u></th> <th style="width: 35%; text-align: center;"><u>TLV</u></th> </tr> </thead> <tbody> <tr> <td>Aluminum silica</td> <td style="text-align: center;">93763-70-3</td> <td style="text-align: center;">100</td> <td style="text-align: center;">5mg/m³ nuisance (respirable dust)</td> </tr> </tbody> </table>		<u>CAS NUMBER</u>	<u>%</u>	<u>TLV</u>	Aluminum silica	93763-70-3	100	5mg/m ³ nuisance (respirable dust)
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Aluminum silica	93763-70-3	100	5mg/m ³ nuisance (respirable dust)						
<p>3. Hazards identification Most important critical hazards to man & the environment</p>	<p>This product is classified as a nuisance dust. There are no known acute or chronic health hazards. Not considered a carcinogen. Medical conditions which may be aggravated : Pre-existing upper respiratory and lung diseases such as but not limited to bronchitis, emphysema and asthma. Target Organ(s) : NA Acute Health Effects : Transitory upper respiratory irritant. Chronic Health Effects : No know chronic health hazards have been detected. Primary Entry Route(s) : Inhalation, eye contact.</p>								
<p>4. First aid measures</p>	<p>After inhaling : Remove to fresh air. After skin contact : None After eye contact : Flush with copious quantities of water. After swallowing : Rinse mouth and then drink water.</p>								

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5. Fire-fighting measures Suitable extinguishing agents	Use fire fighting measures that suit the environment. The product itself does not burn.
6. Accidental release measures - Personal precautions : - Environmental precautions : - Methods for cleaning :	- Avoid making dust - No special measures required : comply with local regulations - Vacuum clean spillage. If sweeping is necessary, use a dust suppressant.
7. Handling & Storage - Handling : - Storage :	- Ensure good ventilation. Prevent formation of dust No special requirements. Repair all broken bags immediately. - Storage Segregation Hazard Classes : NA.
8. Exposure controls/personal protection Engineering measures taken before personal protection equipment is necessary Components with critical values that require monitoring at the work place Personal protective equipment : - Respiratory : - Protection of the eyes : - General protective equipment :	Adequate exhaust ventilation or dust collection. None - Wear respiratory masks – Disposable half masks Type P2 (3M or equivalent brand name) - Goggles or safety glasses are recommended. - Gloves : Optional. - Other : NA. Special considerations for repair/maintenance of contaminated equipment : Use proper respiratory protection if possibility of dust exposure exists.
9. Physical and chemical properties - Form - Colour - Odour - Melting point - Boiling point - Vapor pressure - Water solubility (%) - Vapor Density (Air =1) - Evaporation rate - Specific Gravity (water=1)	- Fluffy powder and granules - White/Grey - None - NA - NA - NA - NIL - NA - NA - 2

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10. Stability and reactivity - Conditions to be avoided : - Hazardous decomposition Products : - Chemical incompatibilities	- None in designed use. - None - Hydrofluoric Acid
11. Toxicological information - Acute Health Effects - Primary irritant effect : on the eyes - Chronic toxicity Other information about experimental toxicology	- Transitory upper respiratory irritant - Can cause transitory irritation - No known chronic health hazards have been detected.
12. Ecological information Ecotoxicity	Water hazard class 0 (self-assessment) : Generally not hazardous . Chemically inert in the environment.
13. Disposal considerations Product : Empty packaging :	Disposal must be made to comply with local regulations Disposal must be made to comply with local regulations.
14. Transport information Additional information :	Not classified as dangerous goods.
15. Regulatory information Designation according to EC guidelines Water hazard class :	See sections 2 & 3. Water hazard class 0 (self-assessment) : generally not hazardous for water.
16. Other information Department issuing data specification sheet : Contact : Revision 3	World Minerals Europe T. CASTERAN Technical Projects Manager Tel. +33 1 41 91 57 09