



MATERIAL SAFETY DATA SHEET  
IN ACCORDANCE WITH DIRECTIVE 1907/2006/EC

Date : February 5, 2008

Revision 7  
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<b>1. Identification of the substance and of the Company/undertaking</b>	<b>Trade name(s) :</b> Celite® Hyflo SuperCel <b>Generic name :</b> Flux calcined diatomaceous earth (DE) <b>Chemical name :</b> Silica Use of substance: filtration and functional additive applications. <b>Supplier/Manufacturer :</b> World Minerals France 7 rue du Stade – BP 42 15300 MURAT – France  Tel. : +33 4 71 20 00 49 Fax. : +33 4 71 20 32 28 E –mail contact : ana.bujmonforte@worldminerals.com  <b>Emergency phone number : Chemtrec International +1 703 527 38 87</b>			
<b>2. Hazards identification</b> Most important critical hazards to man & the environment	This product contains crystalline silica (CS) which is considered a hazard by inhalation. IARC has classified inhalation of CS as carcinogenic for humans (Group 1).  Inhalation of CS is also a known cause of silicosis, a non-cancerous lung disease.			
<b>3.Composition/information on ingredients</b>	<b>Chemical characterization :</b> Composition of product & chemical contents indicating dangerous components <table><tr><td>Flux Calcined Diatomaceous Earth This product may contain up to 75% crystalline silica : Cristobalite Quartz</td><td><u>CAS NUMBER</u> 68855-54-9  14464-46-1 14808-60-7</td><td><u>%</u> 100  &lt; 70 &lt; 5</td></tr></table> <div><div>X<sub>n</sub></div><div><u>SYMBOLS</u> Xn R48/20  S22</div><div>Harmful Danger of serious damage to health by prolonged exposure through inhalation Do not breathe dust</div></div>	Flux Calcined Diatomaceous Earth This product may contain up to 75% crystalline silica : Cristobalite Quartz	<u>CAS NUMBER</u> 68855-54-9  14464-46-1 14808-60-7	<u>%</u> 100  < 70 < 5
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<b>4. First aid measures</b>	<b>After inhaling</b> Remove to fresh air, drink water to clear throat and blow nose to evacuate dust. <b>After skin contact</b> Wash with soap and water and rinse thoroughly. <b>After eye contact</b> Rinse opened eyes for several minutes under running water. If symptoms persist, consult doctor. <b>After swallowing</b> Rinse mouth and then drink water.									
<b>5. Fire-fighting measures</b> Suitable extinguishing agents	Use fire fighting measures that suit the environment. The product itself does not burn.									
<b>6. Accidental release measures</b> - Personal precautions : - Environmental precautions : - Methods for cleaning :	- Avoid making dust - No special measures required : comply with local regulations. - Vacuum clean dust with equipment fitted with Hepa filter. Use a dust suppressant such as water if sweeping is necessary.									
<b>7. Handling &amp; Storage</b> - Handling : - Storage :	Ensure good ventilation. Prevent formation of dust No special requirements. Repair all broken bags immediately									
<b>8. Exposure controls/personal protection</b> 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 ventilation to keep dust level below TLV. <table><tr><td><u>Component</u></td><td><u>TLV</u></td></tr><tr><td>Cristobalite</td><td>0.05 mg/m<sup>3</sup> respirable dust</td></tr><tr><td>Quartz</td><td>0.10 mg/m<sup>3</sup> respirable dust</td></tr></table> - Wear respiratory masks : Disposable half masks Type P 2 (3M or equivalent brand name) - Wear goggles or safety glasses with side shields recommended. - Cleaning of contaminated garment by suction, do not brush, or use compressed air. Wear light-weight protective clothing.	<u>Component</u>	<u>TLV</u>	Cristobalite	0.05 mg/m <sup>3</sup> respirable dust	Quartz	0.10 mg/m <sup>3</sup> respirable dust			
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<b>9. Physical and chemical properties</b> - Form - Colour - Odour  Change in condition - Melting point/Melting range - Boiling point/Boiling range  - Flash point  - Flammability (solid, gaseous)  - Danger of explosion  - Density (true) (g/cm3)  - Solubility/Miscibility with water (at 20°C)  - pH value (100 g/l) (at 20°C max.)	 - Powder - White - None/slight earthy odour. <table><tr><td>Value/Range</td><td>Unit</td><td>Method</td></tr><tr><td>- Not applicable</td><td></td><td></td></tr><tr><td>- Not applicable</td><td></td><td></td></tr></table> - Not applicable  Product is not flammable  None  2.3  Negligible  Not applicable.	Value/Range	Unit	Method	- Not applicable			- Not applicable		
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	<b>Trades name(s) :</b> Celite® Hyflo SuperCel
<b>10. Stability and reactivity</b> - Conditions to be avoided : - Materials to be avoided : - Dangerous decomposition products:	None in designed use. Hydrofluoric acid - May form reactive fluoride derivatives. None
<b>11. Toxicological information</b> - Acute toxicity - Primary irritant effect : on the eyes - Chronic toxicity Other information about experimental toxicology	None known Slight irritant This diatomaceous earth product contains crystalline silica (CS). Long-term exposure to respirable CS can lead to irreversible effects to the lungs (silicosis). CS has been classified by the International Agency for Research on Cancer (IARC) as a Group 1 carcinogen to humans if inhaled. Maintain personal exposures below the Occupational Exposure Limits set for the respirable fraction of crystalline silica (see § 8).
<b>12. Ecological information</b> Ecotoxicity	Water hazard class 0 (self-assessment) : Generally not hazardous .
<b>13. Disposal considerations</b> Product :  Empty packaging :	Disposal must be made to comply with local regulations  Disposal must be made to comply with local regulations.
<b>14. Transport information</b> Additional information :	Not classified as dangerous goods.
<b>15. Regulatory information</b> Designation according to EC guidelines  Water hazard class :	See sections 2 & 3.  Water hazard class 0 (self-assessment) : generally not hazardous for water.
<b>16. Other information</b>  Revision 6	Compliance with directive 1907/2006/EC Change of manufacturer company name