



| Luvogel <sup>®</sup> SA 1      |   |                                |                   |                     |      |                               |     |                  |            |
|--------------------------------|---|--------------------------------|-------------------|---------------------|------|-------------------------------|-----|------------------|------------|
| <b>Characterisation</b>        | Rheological additive, Anti-settling agent for solvent-based systems   |                                |                   |                     |      |                               |     |                  |            |
| <b>Delivery Form</b>           | Finely divided powder of light cream colour   |                                |                   |                     |      |                               |     |                  |            |
| <b>Description</b>             | Luvogel <sup>®</sup> SA 1 is a self-activating organically modified (Bentonite (Montmorillonite)).  |                                |                   |                     |      |                               |     |                  |            |
| <b>Technical Data</b>          | <table border="0"> <tr> <td>Particle Size (Sympatec Helos)</td> <td>x50 approx. 25 µm</td> </tr> <tr> <td>Bulk Density (g/ml)</td> <td>0,59</td> </tr> <tr> <td>Specific Gravity (g/ml 25 °C)</td> <td>1,7</td> </tr> <tr> <td>Moisture Content</td> <td>max. 3,5 %</td> </tr> </table> | Particle Size (Sympatec Helos) | x50 approx. 25 µm | Bulk Density (g/ml) | 0,59 | Specific Gravity (g/ml 25 °C) | 1,7 | Moisture Content | max. 3,5 % |
| Particle Size (Sympatec Helos) | x50 approx. 25 µm   |                                |                   |                     |      |                               |     |                  |            |
| Bulk Density (g/ml)            | 0,59  |                                |                   |                     |      |                               |     |                  |            |
| Specific Gravity (g/ml 25 °C)  | 1,7   |                                |                   |                     |      |                               |     |                  |            |
| Moisture Content               | max. 3,5 %  |                                |                   |                     |      |                               |     |                  |            |
| <b>Performance Features</b>    | <p>Luvogel<sup>®</sup> SA 1 increases the viscosity with thixotropic characteristics in paint and coating systems.</p> <p>It effectively controls the rheological and flow properties of coating systems and prevents settling of pigments and fillers.</p>                             |                                |                   |                     |      |                               |     |                  |            |
| <b>Application</b>             | Universal grade, predominantly for medium to high polar organic systems, i.e. Ketone, Esters, Glycoether and blends of alcohol and aromatic solvents.   |                                |                   |                     |      |                               |     |                  |            |





|                      |  |                     |             |                      |             |
|----------------------|--|---------------------|-------------|----------------------|-------------|
| <b>Incorporation</b> | <p>Luvogel® SA 1 is used without chemical activator at ambient temperature.</p> <p>Preferably Luvogel® SA 1 is added directly into the batch prior to dispersion, high speed dispersers and binder systems with good wetting property are recommended.</p> <p>Observance of a minimum temperature is not required.</p> |                     |             |                      |             |
| <b>Dosage</b>        | <table> <tr> <td>Anti-settling agent</td> <td>0,1 - 0,4 %</td> </tr> <tr> <td>Rheological additive</td> <td>0,4 - 2,0 %</td> </tr> </table> <p>(by weight of the system)</p>   | Anti-settling agent | 0,1 - 0,4 % | Rheological additive | 0,4 - 2,0 % |
| Anti-settling agent  | 0,1 - 0,4 %  |                     |             |                      |             |
| Rheological additive | 0,4 - 2,0 %  |                     |             |                      |             |
| <b>Packaging</b>     | Paper Bags of 25 kg net  |                     |             |                      |             |

In case of questions please feel free to contact us at:

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