<table>
<thead>
<tr>
<th><strong>Product code:</strong></th>
<th>43-06-103</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product name:</strong></td>
<td>sicastar®</td>
</tr>
<tr>
<td><strong>Surface:</strong></td>
<td>acrylate</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>1 µm</td>
</tr>
<tr>
<td><strong>Solid content:</strong></td>
<td>50 mg/ml</td>
</tr>
<tr>
<td><strong>Composition:</strong></td>
<td>amorphous silica particles</td>
</tr>
<tr>
<td><strong>Polydispersity index:</strong></td>
<td>&lt; 0.2</td>
</tr>
<tr>
<td><strong>Shape:</strong></td>
<td>spherical</td>
</tr>
<tr>
<td><strong>Density:</strong></td>
<td>2.0 g/ccm</td>
</tr>
<tr>
<td><strong>Porosity:</strong></td>
<td>nonporous</td>
</tr>
<tr>
<td><strong>Stable in:</strong></td>
<td>water and organic solvents</td>
</tr>
<tr>
<td><strong>Not stable in:</strong></td>
<td>hydrofluoric acid, strong basic media, e.g. 6 M NaOH and buffers with pH &lt; 7.5</td>
</tr>
<tr>
<td><strong>Product form:</strong></td>
<td>Suspension in ethanol (96% v/v)</td>
</tr>
<tr>
<td><strong>Particles per ml:</strong></td>
<td>4.8 E10</td>
</tr>
<tr>
<td><strong>Particles per mg:</strong></td>
<td>9.5 E8</td>
</tr>
<tr>
<td><strong>Colour:</strong></td>
<td>white</td>
</tr>
<tr>
<td><strong>Additional remarks:</strong></td>
<td>Storage at room temperature.</td>
</tr>
<tr>
<td><strong>TECHNOTES:</strong></td>
<td>The acrylate surface contains terminal C=C bonds.</td>
</tr>
</tbody>
</table>