**TECHNICAL DATA SHEET**

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Product code: 43-06-501  
Product name: sicastar®  
Surface: acrylate  
Size: 50 nm  
Solid content: 25 mg/ml  
Composition: amorphous silica particles  
Polydispersity index: < 0.2  
Shape: spherical  
Density: 2.0 g/ccm  
Porosity: nonporous  
Stable in: water and organic solvents  
Not stable in: hydrofluoric acid, strong basic media, e.g. 6 M NaOH and buffers with pH < 7.5  
Product form: Suspension in ethanol (96% v/v)  
Particles per ml: 1.9 E14  
Particles per mg: 7.6 E12  
Colour: white  
Additional remarks: Storage at room temperature. Do not freeze!  
TECHNOTES: The acrylate surface contains terminal C=C bonds.