
® HANSA SFA 52001

Character	Epoxy functional adhesion promoter
Chemical Structure	3 Glycidyoxypropyltrimethoxy silane
Appearance	Clear liquid
Solid Content	Approx. 100 %
Viscosity (20 °C)	1.0 – 10.0 mPas
Density (20 °C)	1.06 – 1.08 g/cm ³
Storability	In closed containers at room temperature (approx. 20° C) the product will be stable for at least 12 months. The product is not sensitive to frost.

The above given values are technical data. Please consult the 'delivery specification' for binding product specifications. Further data about product properties, toxicological, ecological data as well as data relevant to safety can be found in the safety data sheet.

Properties

Excellent adhesion promotion between inorganic materials such as glass, metals or mineral surfaces and organic polymers such as butyl rubber, neoprene, polyamide, polyether and RTV 1 silicone elastomers. The improved adhesion also helps improve the corrosion protection effect of coatings.

Besides the adhesion promoting properties, HANSA SFA 52001 also has a positive influence on the product properties as well as their processing.

HANSA SFA 52001 can improve properties such as flexural strength, tensile strength, impact strength, e-module, dielectricity constants and the specific contact resistance.

In addition, HANSA SFA 52001 can lead to an increase of the filling degree as well as to a reduction of the viscosity.

Application Technique

HANSA SFA 52001 can be introduced into the formulation with 1.0 – 10.0 % as well as in a preceding step from a diluted solution as primer layer. Polar solvents such as isopropanol and ethanol have proven well for diluting HANSA SFA 52001. The concentration of HANSA SFA 52001 in such a solution is typically between 0.5 and 2.0 %.

® = registered trademark

We reserve the right to modify the product and technical leaflet.

Our technical service department is always at your service for further information and advice.

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

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