

## PROSILANE™ SC-5932

N-PROPYLTRIETHOXSILANE

### PRODUCT DESCRIPTION

SC-5932, n-Propyltriethoxysilane is an organosilicon compound with one propyl group (C<sub>3</sub>H<sub>7</sub>) attached to a silicon atom, which is bonded to three ethoxy groups. It is a clear, colorless to pale yellow liquid, and is primarily used as a coupling agent, surface modifier, and adhesion promoter.

### TYPICAL PRODUCT DATA\*

Property	Unit	Typical Value
CAS#	-	2550-02-9
Molecular Weight	g/mol	206.36
Formula		C <sub>9</sub> H <sub>22</sub> O <sub>3</sub> Si
Appearance	-	Colorless clear liquid
Boiling Point	°C	175
Flash Point	°C	57
Refractive Index	-	1.396
Density	g/cm <sup>3</sup>	0.892
Purity	%	≥99%

\* These values are not intended to be used as specifications but as suggested characteristics

### PACKAGING

The size of the available packages can be checked with Sales Department. SC-5932 is typically supplied in 170kg steel drums.

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ SAFETY DATA SHEET AND CONTAINER LABELS FOR SAFE USE, PHYSICAL, ENVIRONMENTAL, AND HEALTH HAZARD INFORMATION.

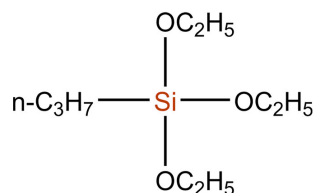
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## TECHNICAL DATA SHEET



### TYPICAL FEATURES AND APPLICATIONS

SC-5932 is widely used to improve the bonding between organic and inorganic materials, especially in coatings, adhesives, and sealants, and is also used for surface treatment of glass, metals, and ceramics.

SC-5932 is an important material in sol-gel production.

SC-5932 may provide a hydrophobic surface treatment for inorganic powders or filler materials.

### INFORMATION FOR USE

SC-5932 is one of the catalyst components for polyolefin production with Ziegler-Natta catalysts.

SC-5932 reacts slower with water than SC-5931. Customer may regulate the rate of hydrolysis according to actual application.

### SHELF LIFE AND STORAGE

In the unopened original container SC-5932 has a shelf life of one year in a dry and cool place.