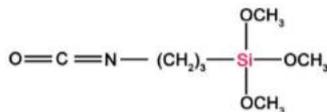


## SICOSIL® SICO-IC13

## 3-Isocyanatopropyltrimethoxysilane

**Chemical structure:****Typical physical properties**

Product No.:	SICOSIL® SICO-IC13
Chemical name:	3-Isocyanatopropyltrimethoxysilane
CAS No.:	15396-00-6
EINECS No.:	239-415-9
Formula:	C <sub>7</sub> H <sub>15</sub> NO <sub>4</sub> Si
Appearance:	Colorless transparent liquid
Refractive index(n <sup>25</sup> D):	1.4150~1.4250
Purity:	96%

**Applications:**

As a new type of bifunctional agent with isocyanato group and triethoxysilyl group, can be easily hydrolyzed and crosslinked. The dual nature allows it to bind chemically both inorganic materials (glass, sand and fillers) and organic polymers (thermo-sets, thermo-plastics). By adding it into rubber, the mechanical properties of the vulcanized, in particular the elongation properties and the abrasion resistance are improved without the difference in rebound resilience. Also can be used in adhesives and polyurethane sealant and coating application in order to improve self cross-linking, moisture curable and excellent adhesion to inorganic materials.

As a modifier to alkoxy-silyl crosslinked fluororesin fluid.

To promote adhesion to silicone rubber.

As an additive to Urethane Paints, adhesives, sealing materials, and a modifier to hydroxyl resins (acrylic resin, PVA), etc

**Packing:**

210L Iron drum: 200kg/drum

1000L IBC container: 1000kg/container

**Sico Performance Material (Shandong) Co., Ltd**

Address: Jining Chemical Industrial Park, Jinxiang, Shandong, China

Website: [www.sicosil.com](http://www.sicosil.com)

Email: [sales@silanechem.com](mailto:sales@silanechem.com)

