

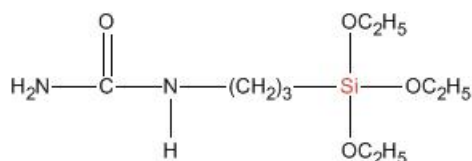


## 3-urea-propyl triethoxysilane (50% methanol)

### RK-G1161

#### Product description

#### Structural formula:



Molecular formula: C<sub>10</sub>H<sub>24</sub>N<sub>2</sub>O<sub>4</sub>Si

Molecular weight: 264.4

CAS No. : N.A

Chemical name: 3-urea-propyl triethoxysilane (50% methanol)

**Characteristics:** This product is colorless transparent liquid.

#### Physical and chemical data

nature	Numerical value
appearance	Colorless transparent liquid
Density 25°Cg/ml	0.900-0.930
Refractive index 25°C	1.380-1.400

Note: The above data is for reference only and cannot be used as technical specifications

#### Product application

With sulfhydryl functional group, as a metal surface rust inhibitor has a special effect, as a metal surface rust inhibitor has a special effect, used to treat gold, silver, copper and other metal surface can improve

Tianjin Ruike Chemical Co. LTD

Tel:+86 18526852692

Add:Room 116-11, 160 Xiangyuan Road, Jingjin Science and Technology Valley Industrial Park, Wuqing District, Tianjin

tjrkhg@126.com

www.rk-chem.com



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its corrosion resistance, oxidation resistance and improve its adhesion to polymer materials. It is widely used in filling polymer materials, and can be applied to thermosetting and thermoplastic polymer materials, such as epoxy, epoxy, phenol sulfonate, polyvinyl chloride, polystyrene, polyimide, etc. Especially in the rubber industry, the effect is particularly good, can improve its mechanical properties, improve wear resistance, reduce permanent deformation, suitable for NR, EPDM, SBR, polysulfide rubber, styrene butadiene rubber, nitrile butadiene rubber, neoprene rubber and polyurethane rubber. It is also suitable for a wide range of inorganic fillers, which can be used for glass fiber, white carbon black, quartz powder, talc, mica, fly ash clay, clay and other silicon-containing substances.

#### **Product security, handling and storage**

The container should be sealed after opening to prevent water vapor from entering and producing hydrolysis.

Stored in the original unopened container at room temperature, this product has a shelf life of one year from the date of production. After passing the test, the buyer will decide whether to continue to use the expired product.

**Note:** The Company is only responsible for the sales specifications of the products at the time of shipment, and shall not be liable for any indirect or incidental damages.

**Packing :** 5L, 10L, 25L, 200L, 1000L