

ISO9001/ ISO14001/ OHSAS18001

## SICOSIL®SICO-TMOS

# Tetramethoxysilane

#### **Chemical structure:**

#### Typical physical properties

Product No.: SICOSIL® SICO-TMOS

Chemical name: Tetramethoxysilane

CAS No.: 681-84-5

EINECS No.: 211-656-4

Formula: C<sub>4</sub>H<sub>12</sub>O<sub>4</sub>Si

Appearance: Colorless transparent liquid

Refractive index( $n^{25}D$ ): 1.3630~1.3730

Purity: 99%

### Applications:

Tetramethoxysilane most commonly used as starting materials for sol-gel.

Polysilicic acidesters are condensation products obtained by incomplete hydrolysis or orthosilicic acid esters.

They are also be used as starting materials for the sol-gel process.

Tetramethoxysilane typical application: Be hydrolyzed to form silicon dioxide (silica). Crosslinkers in silicone rubber systems. Drying agents in sealing compositions. Inorganic binder for refractory fillers and pigments. Coating material for pigments, fibers and other surfaces. Chemical intermediate.

#### Packing:

210L Iron Drum: 190kg/drum

1000L IBC Container: 950kg/container

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