

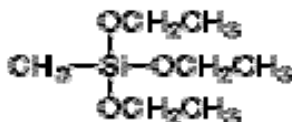
## Organosilane MEO

### Product Description

Chemical Name: *Methyltriethoxysilane* (MTES)

Synonym: Triethoxymethylsilane

Chemical  
Structure



Empirical Formula C<sub>7</sub>H<sub>18</sub>O<sub>3</sub>Si  
 Molecular Weight 178.30  
 CAS No. 2031-67-6  
 EINECS No. 217-983-9

### Typical Physical Properties:

Appearance	Colorless and transparent liquid
Specific Gravity, (25/25°C)	0.915
Refractive Index, n <sub>D</sub> (25°C)	1.382
Flash Point*	29°C
Boiling Point	143°C

\* Determined by ASTM Method D 93 using the Pensky-Martens closed cup.

### Commodity Specification

Appearance	Colorless and transparent liquid	
Content, (by GC)	99% min	98% min
Specific Gravity, (25/25°C)	0.890—0.910	
Refractive Index, n <sub>D</sub> (25°C)	1.3800—1.3860	

### Application Direction

General Information: It is used to synthesize methyl silicone resins and water-proofing adhesives, to polymerize with other monomers to be special and high molecular compounds. It can be also used as coupling agent for inorganic materials e.g. glass fiber and SiO<sub>2</sub>, as strengthening agent for laminated plastic products, etc.

### Packing & Storage

Normally packed in 180 kg net drums UN approved, sea-worthy for exporting  
 Stored in cool and dry air-flowing area preventing sunlight

### Transport Information

Hazard Class 3 UN No 1993 Packing Group III

### Safety Materials

Material Safety Data Sheet (MSDS) is available separately

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. ONICHEM shall not be held liable for any damage resulting from the use of the above product. The users are suggested to select the suitability of the products and methods of application.