
Methyltriethoxysilane
RUTESIL MTES**Application**

Used to impart water repellency to a wide range of surfaces and materials (for example, mineral fillers, pigments, glass, cardboard) and primer for hard coating of plastic; in the production of other organosilicon compounds, silicone resins and condensation-curing silicone rubbers.

CAS No.

2031-67-6

Molecular Formula

$\text{CH}_3\text{Si}(\text{OC}_2\text{H}_5)_3$

Molecular Weight

178.3

Appearance & Property

Colorless clear liquid.

Typical product data

purity: $\geq 99.0\%$

refractive index (n_D^{20}): 1.38 - 1.40

density (ρ^{20} , g/cm³): 0.89 - 0.90

boiling point: 143 - 145°C

flash point: 33°C

Dangerous Rating

3

Package Class

III

Package

Steel drums, tank-containers.

Storage

Keep in a tightly closed container in a dry and cool place away from sources of heat and fire.

Storage period: 12 months.

Safety information

It is a flammable liquid. Under the action of moisture hydrolyzed with the release of ethyl alcohol.

Irritating to eyes. Keep away from static electricity, direct sunlight, sources of fire and heat. Use personal protective equipment. Work in a well-ventilated area.

Ship according to regulations for dangerous chemical products.