

Organosilane MTA

Product Description

Chemical Name: Methyltriacetoxysilane

Synonym: Triacetoxymethylsilane; Methylsilanetriyl triacetate

Chemical Structure		Empirical Formula	C ₇ H ₁₂ O ₆ Si
		Molecular Weight	220.25
		CAS No.	4253-34-3
		EINECS No.	224-221-9

Typical Physical Properties:

Appearance	Colorless or light yellowish liquid (will be crystals in lower temperature)
Specific Gravity, (25/25°C)	1.175
Refractive Index, (25°C)	1.4083
Melting Point	40—45°C
Flash Point*	85°C(185°F)
Boiling Point, (3 mm Hg)	87°C(189°F)

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

Commodity Specification

Grade	Grade I	Grade II
Appearance	Colorless to light yellowish liquid	Colorless to light yellowish liquid (will be crystals in lower temperature)
Content, monomer+dimer (by GC)	90% min	95% min
Specific Gravity, (25/25°C)	1.150—1.170	1.160—1.180
Refractive Index, (25°C)	1.4000—1.4100	

Application Direction

General Information: It is mainly used as cross-linking agent for RTV Silicone Rubber and acidity silicone sealants.

Packing & Storage

Normally packed in 220 kg net drums UN approved, sea-worthy for exporting

Stored in cool and dry air-flowing area preventing sunlight

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.