

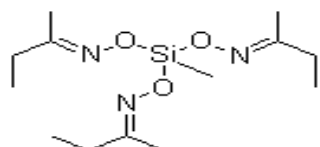
Organosilane MTO

Product Description

Chemical Name: Methyl tris-(methylethylketoxime) silane (MOS)

Synonym: Methyl tris-(2-butanoneoxime) silane; Methyloximosilane

Chemical Structure:



Empirical Formula	C ₁₃ H ₂₇ N ₃ O ₃ Si
Molecular Weight	301.46
CAS No.	22984-54-9
EINECS No.	245-366-4

Typical Physical Properties:

Appearance	Colorless and transparent liquid
Specific Gravity, (25/25 °C)	0.982
Refractive Index, (25 °C)	1.4548
Flash Point*	90 °C (194 °F)
Boiling Point, (2 mm Hg)	110 °C (230 °F)
PH	6.5—7.5

* Determined by ASTM Method D93 using the Pensky-Martens closed cup.

Commodity Specification

Appearance	Colorless to yellowish transparent liquid
Color (APHA)	50 max
Content, monomer+dimer (by GC)	95% min
MEKO	1.0% max
Specific Gravity, (25/25 °C)	0.970—0.990

Application Direction

General Information: Widely used as a cross-linker / coupling agent for RTV (Room Temperature Vulcanizing) silicone rubber and silicone sealant.

Packing & Storage

Normally packed in 190 kgs net drums UN approved, sea-worthy for exporting. Can also be packed in IBC (950 kgs net).

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.