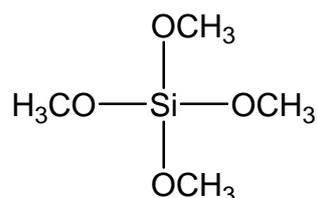


SiSiB[®] PC5410

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Tetramethoxysilane (TMOS)



PC5410 SILANE, the methyl ester of orthosilicic acid, is a colorless, low-viscosity liquid.

Typical Physical Properties

Chemical Name	Tetramethoxysilane
Empirical Formula	C ₄ H ₁₂ O ₄ Si
Molecular Weight	152.22
Color and Appearance	Colorless transparent liquid
Density _{20/4°C}	1.032
Boiling Point	122°C [760mmHg]
Refractive Index	1.3688 [20°C]
Flash Point	26°C
CAS No.	681-84-5
Purity	Min 99.0%

Note: SPECIAL EYE PROTECTION SHOULD BE USED

Packaging and Storage

PC5410 is supplied ready-to-use in 200 kg steel drums.

PC5410 must be stored away from moisture. In a sealed container, the product has a shelf-life of 12 months with no loss of quality.

Applications

- Reagent for ketal synthesis
- Deposition frosting of glass
- Co catalyst with CsF for Michael additions