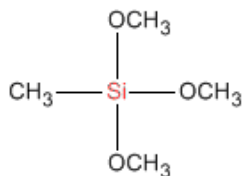


CG-N113 Methyltrimethoxysilane

Chemical Structure:



The Equivalent Products to other Manufacturers:

GE	Dowcorning	ShinEtsu	Degussa	Chisso
A-163	Z-6070	KBM-13	MTMS	N.A

Typical Physical Properties

Product No.:	CG-N113
Chemical Name:	Methyltrimethoxysilane
CAS No.:	1185-55-3
EINECSNo.:	214-685-0
Formula:	C ₄ H ₁₂ O ₃ Si
Appearance:	Colorless transparent liquid
Density(ρ 20, g/cm3):	0.9500 ± 0.0050
Refractive Index(n _{25D}):	1.3695 ± 0.0050
Purity	98%

Applications:

CG-N113 is highly miscible with standard organic solvents, such as alcohols, hydrocarbons and acetone.

CG-N113 is practically insoluble in neutral water and reacts only slowly to form silanols and higher condensation products.

Addition of a hydrolytic catalyst (inorganic/organic acids, ammonia or amines) accelerates the hydrolysis of CG-N113 substantially.

(Filler Modifier) CG-N113 is used mainly to render a wide range of surfaces and materials water repellent (e.g. mineral fillers, pigment, glass cardboard). CG-N113 may be used pure or in solution to treat fillers, using suitable mixing equipment. It may be necessary to first pre-treat the substrate with water and/or a catalyst.

CG-N113 is also used in the production of silicone resins and condensation-curing silicone rubber.

Packing:

210L Iron Drum: 180kg/drum

1000L IBC Container: 900kg/container

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