

PROSILANE™ SC-5222

DIMETHYLDIETHOXSILANE

PRODUCT DESCRIPTION

SC-5222, Dimethyldiethoxysilane is a clear, colorless to yellowish liquid that belongs to the alkoxysilane family. It contains two ethoxy groups and two methyl groups attached to a silicon atom.

TYPICAL PRODUCT DATA*

Property	Unit	Typical Value
CAS\$	-	78-62-6
Molecular Weight	g/mol	148.28
Formula		C ₆ H ₁₆ O ₂ Si
Appearance	-	Colorless clear liquid
Boiling Point	°C	115
Flash Point	°C	13
Refractive Index	-	1.381
Density	g/cm ³	0.85
Purity	%	≥99.0%

* These values are not intended to be used as specifications but as suggested characteristics

PACKAGING

The size of the available packages can be checked with Sales Department. SC-5222 is typically supplied in 170kg steel drums.

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ SAFETY DATA SHEET AND CONTAINER LABELS FOR SAFE USE, PHYSICAL, ENVIRONMENTAL, AND HEALTH HAZARD INFORMATION.

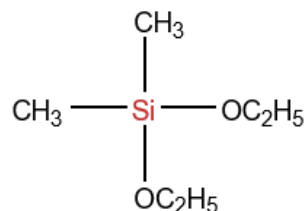
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VERSION: 1 Last updated: 24 April 2024

TECHNICAL DATA SHEET



TYPICAL FEATURES AND APPLICATIONS

SC-5222 is used for the synthesis of chemical intermediates.

SC-5222 is used as an additive for the production of silicone resins.

SC-5222 is used for hydrophobization of surfaces, like glass, pigments etc.

INFORMATION FOR USE

SC-5222 compound is widely used as a crosslinking agent, coupling agent, and intermediate in the production of silicone resins, coatings, and adhesives.

SC-5222 readily hydrolyzes in water to produce silanol groups, which can further condense to form siloxane bonds.

SHELF LIFE AND STORAGE

In the unopened original container SC-5222 has a shelf life of one year in a dry and cool place.