

PROSILANE™ SC-7950

ETHYLTRIACETOXSILANE

PRODUCT DESCRIPTION

SC-7950, Ethyltriacetoxysilane is a silane compound featuring one ethyl group and three acetox groups attached to a silicon atom. It is widely used as a crosslinking agent and coupling agent, particularly in silicone and hybrid polymer formulations. Its ability to hydrolyze in the presence of water makes it effective for creating strong, durable bonds between organic and inorganic surfaces.

TYPICAL PRODUCT DATA*

Property	Unit	Typical Value
CAS#	-	17689-77-9
Molecular Weight	g/mol	234.28
Formula		C ₈ H ₁₄ O ₆ Si
Appearance	-	Colorless to yellowish clear liquid
Boiling Point	°C	107
Flash Point	°C	106
Refractive Index	-	1.412
Density	g/cm ³	1.412
Purity	%	≥95%

* 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-7950 is typically supplied in 200kg steel drums and 1000kg IBC totes.

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.

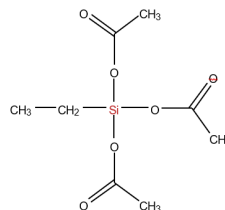
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TECHNICAL DATA SHEET



TYPICAL FEATURES AND APPLICATIONS

SC-7950 is not miscible with water, decomposes with water and moisture under formation of acetic acid.

SC-7950 is used as curing agent in acetox crosslinking RTV-1 sealant formulations. Within the curing reaction acetic acid is produced as a byproduct. Therefore, the corrosive reaction of the byproduct with substances like marble or iron has to be taken in consideration when using acetate crosslinkers.

INFORMATION FOR USE

SC-7950 does not contain any additives such as catalysts, stabilizers or adhesion promotion agents. If required, these additives have to be added to the sealant formulation separately.

SHELF LIFE AND STORAGE

In the unopened original container SC-7950 has a shelf life of one year in a dry and cool place.