

# PROSILANE™ SC-9100

OCTAMETHYLCYCLOTETRASILOXANE (D4)

## PRODUCT DESCRIPTION

SC-9100, Octamethylcyclotetrasiloxane (commonly known as D4) is a cyclic siloxane compound. It consists of a ring structure with alternating silicon and oxygen atoms, where each silicon atom is bonded to two methyl groups.

## TYPICAL PRODUCT DATA\*

Property	Unit	Typical Value
CAS#	-	556-67-2
Molecular Weight	g/mol	296.61
Formula		C <sub>8</sub> H <sub>24</sub> O <sub>4</sub> Si <sub>4</sub>
Appearance	-	Colorless clear liquid
Boiling Point	°C	175
Flash Point	°C	60
Refractive Index	-	1.3940-1.3968
Density	g/cm <sup>3</sup>	0.950
Purity	%	≥99%

\* 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-9100 is typically supplied in 170kg steel drums and 950kg 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.

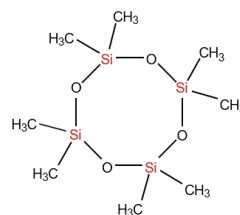
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## TECHNICAL DATA SHEET



## TYPICAL FEATURES AND APPLICATIONS

SC-9100 or D4 is widely used in the production of silicone polymers and is an intermediate in the manufacture of silicone Fluids and elastomers.

SC-9100 (D4) is a volatile octamethylcyclotetrasiloxane fluid designed for a wide variety of applications including cosmetic/personal care, industrial cleaning and carrier applications.

SC-9100 exhibits very low toxicity and is exempt from federal VOC regulations.

## INFORMATION FOR USE

SC-9100 is a base fluid in a number of personal care products, with excellent spreading and lubrication properties and unique volatility characteristics.

SC-9100 can be used in antiperspirants, bath oils, deodorants, skin creams, lotions, suntan and shaving products, nail polishes.

SC-9100 has faster drying time in low VOC formulate in hair sprays.

## SHELF LIFE AND STORAGE

In the unopened original container SC-9100 has a shelf life of one year in a dry and cool place.