

TECHNICAL DATA SHEET

SDF-1.0

Silicone Fluid (Trisiloxane)

PRODUCT DESCRIPTION

SDF-1.0 is a Polydimethylsiloxane fluid. It is a transparent, clear liquid product with a super low viscosity of 1.0 centistokes.

SDF-1.0 is a Trisiloxane fluid that is 100% volatile that is mainly composed of Octamethyltrisiloxane.

TYPICAL PRODUCT DATA* * Value when leaving plant			
Property	Unit	Typical Value	
CAS#	-	107-51-7	
Appearance	-	Colorless transparent liquid	
Purity	%	≥99%	
Flash Point	°C	29	
Refractive index (25°C)	°C	1.383	
Specific Gravity	-	0.82	

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

PACKAGING AND AVAILABILITY

SDF-1.0 is available in 160 Kg drums or 800 Kgs IBC Totes.

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TYPICAL FEATURES AND APPLICATIONS

SDF-1.0 has low surface tension, low viscosity, and low reactivity.

SDF-1.0 has high shear strength.

SDF-1.0 is a highly volatile fluid.

INFORMATION FOR USE

SDF-1.0 is used in industrial applications for coatings, cosmetics and household product applications.

SHELF LIFE AND STORAGE

Store in cool place, shelf life is 12 months. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Moisture sensitive.

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.

LIMITATIONS: Not intended for human injection. This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

Limited Warranty: Silsource Inc. warrants to Buyer that for a period of 12 months from the date of manufacture of the products, such products will materially conform to Silsource Inc.'s specifications in effect as of the date of manufacture. This warranty does not apply where the products have (a) been subjected to abuse, misuse, neglect, negligence, accident, improper testing, improper installation, improper storage, improper handling, abnormal physical stress, abnormal environmental conditions, or use contrary to any instructions issued by Silsource Inc.; (b) been reconstructed, repaired, or altered by persons other than Silsource Inc. or its authorized representatives; or (c) been used with any third-party product or hardware that has not been previously approved in writing by Silsource Inc. Buyer's exclusive remedy for breach of the limited warranty shall be a refund of the purchase price or replacement of the product, at Silsource Inc.'s sole discretion.

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