

SILSOURCE™ OH-300,000

SILANOL TERMINATED POLYMETHYLDISILOXANE (OH Fluids) 300K cSt

PRODUCT DESCRIPTION

OH-300,000 Fluids is a 300,000cSt viscosity silicone Fluids containing one silanol moiety (Si-OH) at each terminus of the polydimethylsiloxane chain.

TYPICAL PRODUCT DATA*

Property	Unit	Typical Value
CAS\$	-	70131-67-8
Viscosity	cSt	300,000
Formula		SiOH
Appearance	-	Colorless clear liquid
Boiling Point	°C	No data
Flash Point	°C	No data
OH Content	%	3.5-4.0
Density	g/cm ³	0.980
Active Ingredient	%	100%

*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. OH-300,000 is typically supplied in 190kg 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.

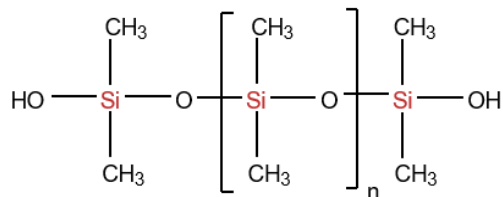
LIMITATIONS: Not intended for human injection. This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

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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VERSION: 1 Last updated: 24 April 2024

TECHNICAL DATA SHEET



TYPICAL FEATURES AND APPLICATIONS

OH-300,000 is low molecular weight solvent-free, silanol terminated linear polydimethylsiloxane.

Silsource's OH Fluids are silanol functional Fluids that have a range of viscosities and silanol contents.

OH-300,000 can be used in RTV applications as filler treatments and as viscosity modifiers. It can be used as reactive diluents for high viscosity polymers.

OH-300,000 have excellent stability and can be used with catalytic amounts of ammonium carbonate to treat reinforcing fillers.

INFORMATION FOR USE

OH-300,000 is used as a raw material for the production of RTV-1 silicone rubbers.

OH-300,000 do not contain any plasticizers or any additives. The curing can be achieved with condensation type crosslinkers, such as acetoxy, alkoxy and oxime silanes, in conjunction with catalysts such as dibutyl tin dilaurate or stannous octoate.

SHELF LIFE AND STORAGE

In the unopened original container OH-300,000 has a shelf life of 18 months in a dry and cool place.