

# Methyl Hydrogen Silicone Fluid

**Product Name:** Methyl Hydrogen Silicone Fluid

**Molecular Formula:**  $C_3H_9OSi.(CH_4OSi)_n.C_3H_9Si$

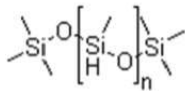
**CAS No.:** 63148-57-2

**Product Standard:** HG/T 4804-2015

**Physical and Chemical Properties:** Flash Point:  $\geq 160^\circ C$  (Opened cup)  
 Relative density (water=1) : 0.995~1.015

**Appearance:** Colorless transparent liquid without mechanical impurity

**Structural formula:**



**Technological Index:**

Item	Index
Content of Hydrogen/%	1.55~1.65
Viscosity (25°C)/(mm <sup>2</sup> /s)	15.00~30.00
Acid value(in HCL terms)/PPm $\leq$	5
Volatile Compounds/% $\leq$	2

Note: It can be customized according to the requirements.

## Properties and Uses

With the action of metal salt catalyst, it can form a durable waterproof membrane with good hydrophobic and high contact angle. It can be widely used as release agent in rubber and plastic industry, antirust agent for metal and anti-adhesive agent for paper and packing material. It can increase the performance of tear strength, abrasion resistance, crease-resist, anti-fouling, waterproof, ironing resistance and sewability without influencing the original breathability of the fabric. The optical glass coated with it will have high light transmittance, excellent mildew and moisture resistance.

## Package, Storage and Handling

Steel drum, net weight 200kg/drum or International Bulk Container, net weight 1000kg/IBC. Storage at a cool, dry and well-ventilated place and keep away from alkaline, acid and moisture. It is non-hazardous substance. Be careful when loading and unloading to avoid damages of the package. During transportation, protect against damp, water, acid and alkali.