

Technical Data Sheet

Product name: Methyl Hydrogen Silicone Fluid

Other name: Poly(methylhydrosiloxane), Methyl Hydrogen Polysiloxane
CAS No.: 63148-57-2

Description

The molecular formula of Methyl Hydrogen Silicone Fluid is $(CH_3)_3SiO[(CH_3)(H)SiO]_nSi(CH_3)_3$. Because it has brisk -H key, it is not only has the function of dimethyl silicone oil, but also has excellence water resistance performance and film properties.

Typical Technical Data

Appearance	Clear, colorless liquid
Viscosity(25°C) cps	15-30
Volatile Matter %	0~2
Reflective Index (25°C)	1.390~1.410
Relative Density (25°C)	0.995~1.015
Hydrogen Content %	1.55~1.65
Flash Point(opened cup)	≥ 160°C

Applications

1. With metal salt catalysts, it can cross-link to form a durable film on the treated surface under lowtemperature.
2. Hydrophobing treatment of textiles, glass, ceramic, leather, cosmetics, metal, cement, granite and other materials to form a durable film on their surface and make them water repellent.
3. Act as the main material of hydrosilylation to polymerize modified silicones.
4. Crosslinkers of addition silicone rubber.
5. Other potential applications.

Storage

1. Storage at a cool, dry and well-ventilated place, and keep away from acidic, alkaline and moisture.
2. Unopened stored, the shelf-life is 12 months since its date of production.
3. It is non-hazardous substance.
4. During transportation, protect against damp, water, acid and alkali.

Package

200 kg drums and 1000kg/ IBC package or according to your needs.



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