



SILANOX™ Methyl Hydrogen Silicone Fluid (Methyl Hydrogen Polysiloxane)

CAS Number: 63148-57-2

DESCRIPTION

SILANOX™ Methyl Hydrogen Silicone Fluid is a reactive organosilicone fluid supplied as a clear, colourless liquid. It contains Si–H functional groups that enable crosslinking and surface treatment reactions. The product provides excellent water repellency, chemical resistance and compatibility with a wide range of substrates, making it suitable for use in coatings, construction materials and textile treatments.

KEY FEATURES

- Excellent water repellency and hydrophobic performance
- Reactive Si–H functionality for crosslinking applications
- Enhances durability and surface protection
- Improves resistance to moisture, staining and environmental exposure
- Good compatibility with organic and inorganic systems
- Suitable for a wide range of substrates

APPLICATIONS

- Water repellent treatment for textiles, fabrics and leather
- Surface protection for glass, ceramics, stone and metals
- Waterproofing additive for cementitious and construction materials
- Paper release and surface treatment applications
- Crosslinking agent in silicone formulations
- Coatings and specialty chemical systems requiring hydrophobic performance

TYPICAL SPECIFICATIONS

Parameter	Specification
Appearance	Colourless transparent liquid
Hydrogen Content (%)	1.56 – 1.60
Viscosity (25 °C, mm ² /s)	20 – 30
Flash Point (°C)	≥ 160
Volatile Content (%)	≤ 3.0
pH	6 – 7



**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

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Chemport Pty Ltd shall not be liable for any direct, indirect, or consequential loss or damage arising from the use of this product or reliance on the information provided in this document. Users should refer to the current Safety Data Sheet (SDS) and perform their own evaluations, including any necessary testing, to confirm the product's suitability for use in their particular conditions.

This document is subject to revision without notice as new data becomes available.

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PACKAGING

Available in 200 L drums and 1000 L IBCs. Other packaging formats may be available upon request.

STORAGE & HANDLING

Store in a cool, dry and well-ventilated area away from heat and ignition sources. Keep containers tightly sealed to prevent contamination and moisture ingress. Protect from direct sunlight. Recommended storage temperature below 30°C.

SAFETY

Avoid contact with eyes and skin. Prevent inhalation of vapours or mists. Use appropriate personal protective equipment and ensure adequate ventilation during handling. Refer to the Safety Data Sheet (SDS) for detailed safety and regulatory information.