

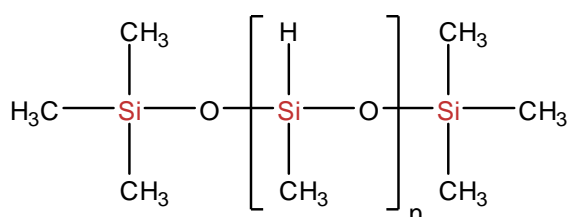
SiSiB[®] HF2020

Methyl Hydrogen Silicone Fluid

CHEMICAL NAME

Polymethylhydrogensiloxane, Methylhydrogenpolysiloxane, Methylhydrogen siloxane, Methyl hydrogen polysiloxane, Methylhydrogen fluid, Methyl hydrogen silicone fluid.

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB[®] HF2020 is a methylhydrogen silicone fluid in which some of the methyl radicals of dimethyl silicone fluid are replaced by hydrogen.

SiSiB[®] HF2020 is similar to MH-1107 (DowCorning), TSF-484 (Momentive), DF-1040 (Momentive), Rhodorsil H68 (Rhodia), SILRES BS 94 (Wacker) and KF-99 (ShineTsu).

A clear coating with good water repellency, mold releasability, and lubricity is obtained by baking this product onto the surface of various materials.

TYPICAL PHYSICAL PROPERTIES

CAS No.	63148-57-2 or 9004-73-3
Color and Appearance	Colorless clear liquid
Active Ingredient	100%
Specific Gravity _{25°C}	0.990~0.998
Refractive Index _{25°C}	1.397
Flash Point	>200°C
Volatile Content	<1% [150°C, 2hrs]
Hydrogen Content	1.6%
Viscosity _{25°C}	17~25 cSt

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APPLICATIONS

SiSiB[®] HF2020 may be used for water repellent (hydrophobing) treatment of plasterboard and plaster blocks.

SiSiB[®] HF2020 may be used for treatment of powders and granular materials to make them water repellent.

SiSiB[®] HF2020 may be used for treatment of dry-spayed substances (like extinguisher powders, various fillers) to make them free flowing and to reduce caking.

SiSiB[®] HF2020 may be used for impregnation of cylinder head gaskets in order to improve their permeability properties.

SiSiB[®] HF2020 may be used for water repellent treatment of textiles (flat, natural, synthetic or mixed, knitted, non woven fabrics) either in a solvent system or in an aqueous emulsion using an appropriate technique.

PACKING AND STORAGE

SiSiB[®] HF2020 is supplied in 200Kg steel drum or 1000Kg IBC tote.

In the original unopened packaging, SiSiB[®] HF2020 has a shelf life of one year in a dry and cool place.

NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability. We disclaim liability for any incidental or consequential damages.

Please send all technical questions concerning quality and product safety to: support@SiSiB.com.