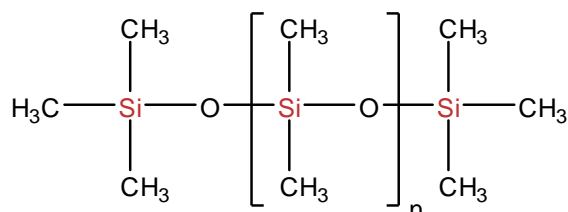


SiSiB® MF2010-2 Silicone Fluid 2cSt

CHEMICAL COMPOSITION

Polydimethylsiloxane (PDMS)

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB® MF20120-2 is a 100% polydimethylsiloxane (PDMS) fluid with a viscosity of approximately 2 cSt at 25°C. It is a clear, odorless, non-reactive silicone fluid offering excellent water repellency, dielectric strength, and thermal stability. With its low viscosity and high spreadability, it is ideal for use in personal care, surface treatment, and various industrial formulations.

KEY FEATURES

- Good dielectric properties
- High water repellency
- High shear stability without breakdown
- High compressibility
- High spreadability
- Low surface tension
- Low vapor pressure and low fire hazard
- Low chemical reactivity
- Good thermal stability over a broad temperature range
- Easy rubout and polishability
- Essentially odorless and non-toxic
- Soluble in a wide range of organic solvents
- Nonvolatile carrier
- Minimal change in physical properties across wide temperature variation

CAS NUMBER

63148-62-9

EINECS NUMBER

613-156-5

PHYSICAL PROPERTIES

Color and Appearance	Colorless transparent liquid
Specific Gravity (25°C)	0.873

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Refractive Index (25°C)	1.3960
Viscosity (cSt)	2
Flash Point (°C)	>86
Melting Point (°C)	-80
Pour Point (°C)	-100
Surface Tension (mN/m)	18.7

APPLICATIONS

SiSiB® MF2010-2 is widely used as a base fluid in personal care formulations due to its excellent spreading properties. It can be used alone or in combination with other cosmetic fluids to serve as a carrier for various active ingredients. It exhibits good solubility in most anhydrous alcohols and many solvents commonly used in cosmetic formulations.

It is also an effective lubricant for plastic, rubber, and elastomeric surfaces, offering low friction and long-lasting performance.

Thanks to its low pour point, broad service temperature range, and good thermal stability, SiSiB® MF2010-2 is suitable for use as a damping fluid, low-temperature bath fluid, and heat transfer medium in precision or temperature-sensitive systems.

PACKING

SiSiB® MF2010-2 is supplied in 170Kg steel drum or 850Kg IBC tote.

HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data sheets, as well as container labels, for information on safe usage, physical hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SiSiB customer service.

STORAGE

In the original unopened packaging, SiSiB® MF2010-2 fluid has a shelf life of 24 months when stored at ambient temperatures. The product does not freeze and there are no restrictions on storage.

SiSiB[®] MF2010-2 Silicone Fluid 2cSt

NOTE

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.

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