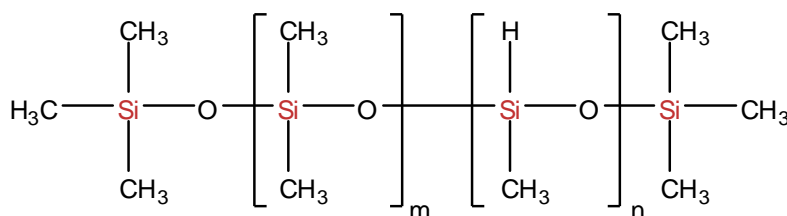


## SiSiB® HF2050-95H42 Hydride Functional Silicone Fluid

**CHEMICAL NAME** Methylhydrosiloxane-dimethylsiloxane copolymer,  
Trimethylsiloxy terminated

**INTRODUCTION** SiSiB® HF2050 series is a trimethylsilyl-terminated methylhydrogensiloxane dimethylsiloxane copolymer available in a range of viscosities and silicon-hydride (Si-H) contents. SiSiB® HF2050-95H42 has a viscosity of approximately 95 cSt and an Si-H content of around 4.2 mmol/g.

**CHEMICAL STRUCTURE**



**CAS NUMBER** 68037-59-2

**EINECS NUMBER** 614-223-1

**PHYSICAL PROPERTIES**

Color and Appearance	Colorless transparent liquid
Silicone Content	100%
Specific Gravity 25°C	0.980-0.990
Refractive Index 25°C	1.4010-1.4050
Volatile Content, 150°C, 3hrs, %	Max.3.0
Hydrogen Content, %	0.42
SiH Content [mmol/g]	4.2
Viscosity 25°C	95 cSt

These values are typical and are not intended for use as specifications. Customized viscosities and vinyl contents are available on request.

**APPLICATIONS**

SiSiB® HF2050 is primarily used as crosslinkers for curing vinyl-functional silicone fluids. With different Si-H content, it can provide good flexibility in formulating RTV-2 silicone rubber. Curing is affected by a platinum catalyst resulting in an addition reaction between the hydrogen and the vinyl group of the silicones.

## SiSiB® HF2050-95H42 Hydride Functional Silicone Fluid

SiSiB® HF2050 can also be used as a reactive intermediate to make organo-modified silicones via hydrosilations. Functional groups normally attached in this way include allyl terminated polyethylene or polypropylene glycols, amines, and epoxies.

### PACKING

SiSiB® HF2050-95H42 is supplied in 5Kg, 25Kg pail or 200Kg steel drum.

### 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® HF2050-95H42 has a shelf life of one year in a dry and cool place.

### 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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We disclaim liability for any incidental or consequential damages.