

# SiSiB® FS9141

## Hydrophobic Fumed Silica

### INTRODUCTION

SiSiB® FS9141 is hydrophobic fumed silica made by hydrophilic fumed silica with specific surface area of 150 m<sup>2</sup>/g being treated by HMDS (Hexamethyldisilazane). It's a kind of high purity white colloidal powder.

### FEATURES

- Rheological control of RTV silicone rubber
- Anti-settling, anti-sagging and thixotropy agent
- Improve the free flow of powder coatings and anti-caking.
- Thixotropic agent & reinforce filler for RTV silicone sealants, the hydrophobic feature enables RTV silicone sealants a long shelf time

### TYPICAL PHYSICAL PROPERTIES

CAS No.	68909-20-6
Specific surface area (BET)	120 - 160 m <sup>2</sup> /g
pH-Value in 4 % aqueous dispersion	5.0 – 8.0
Loss on drying (2h at 105°C) wt.%	Max. 0.7
Loss on ignition (2h at 1000°C) wt.%	Max. 2.0
Silica content (based on ignited material) wt.%	Min. 99.8
Tamped density (2h at 105°C) g/L	40 - 60
Carbon content (2h at 105°C) wt.%	0.7-1.3

### APPLICATIONS

- RTV silicone rubber
- Adhesives and Sealants
- Coatings & Printing Ink
- Powder Coatings

### PACKING AND STORAGE

SiSiB® FS9141 is supplied in multiple layer 10 kg bags.

# SiSiB<sup>®</sup> FS9141

## *Hydrophobic Fumed Silica*

20'ft GP container can load 2000kg with 10 pallets; 40'ft HQ container can load 4800kg with 20 pallets.

In the original unopened packaging, SiSiB<sup>®</sup> FS9141 has a shelf life of 24 months under dry conditions.

### 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.

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Please send all technical questions concerning quality and product safety to: [support@SiSiB.com](mailto:support@SiSiB.com).