

# SiSiB<sup>®</sup> SF0203

## Silicone Release Agent

### INTRODUCTION

SiSiB<sup>®</sup> SF0203 is a alkyl-aryl functional silicone fluid of medium viscosity whose special chemical structure imbues it with the benefits of silicone fluids and mineral oils.

SiSiB<sup>®</sup> SF0203 is used for thermal molding of rubber, plastics and low-melting nonferrous metals. It is superior to conventional silicone fluids when the finished parts are subsequently to be painted, printed, coated or bonded. An outstanding release effect is even obtained when extremely small amounts of the release agent are used. The result is an easy, accurate reproduction of every surface detail of the molded article. SiSiB<sup>®</sup> SF0203 exhibits excellent film forming properties.

### TYPICAL PHYSICAL PROPERTIES

Appearance	Clear liquid
Color	Light yellow
Active ingredient (%)	100
Viscosity (25°C, cSt)	1400~1800
Specific gravity(25°C/77°F)	0.890~0.930
Refractive Index $n_D^{25}$	1.465~1.467
Volatile (150°C, 3h)	Max.1.0%

### APPLICATIONS

SiSiB<sup>®</sup> SF0203 can be used as release agent in the production of floor mats and tiles, seals, grommets, gaskets, toys, paneling, decorative trim, household appliance assemblies and similar plastic and rubber products that are coated, painted, plated or bonded.

SiSiB<sup>®</sup> SF0203 can be used as parting agent in die casting of aluminum, zinc, magnesium and other metals.

SiSiB<sup>®</sup> SF0203 can be formulated into automotive polish products for use in garages and body shops where polydimethylsiloxanes could give rise to re-coatability problems.

When added as a built-in lubricant the fluid can facilitate the assembly of mechanical components and can act as a lubricant in service.

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### PACKING AND STORAGE

SiSiB<sup>®</sup> SF0203 is supplied in 20Kg plastic pail or 180Kg steel drum.

When stored at ambient temperature in the original unopened packing, SiSiB<sup>®</sup> SF0203 has a shelf life of 12 months from the date of production.

### 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).