

SiSiB® SEM365 Silicone Emulsion

INTRODUCTION

SiSiB® SEM365 is a high-solids, non-ionic polydimethylsiloxane (PDMS) emulsion containing approximately 65% active silicone. Due to its non-ionic character, it offers excellent compatibility with nonionic, anionic, and cationic surfactant or polymer systems without instability or complex formation.

It provides excellent wetting, slip, and surface lubricity while maintaining good emulsion stability at temperatures below 50°C. The high active content allows enhanced efficiency in gloss, release, and lubrication applications.

FEATURES & BENEFITS

- Very high active silicone content for maximum formulation efficiency
- Delivers durable gloss with minimal smear or streaking
- Outstanding slip and surface lubricity
- Broad compatibility across nonionic, anionic, and cationic systems
- Stable emulsion performance below 50°C
- Suitable for both surface finishing and industrial lubrication applications

PHYSICAL PROPERTIES

Appearance	Milky white
Non-volatile content	65-66%
Specific gravity(25°C)	0.98-1.00
pH value	6.0-8.0
Emulsifier types	nonionic

These values are typical and not intended for specification purposes.

APPLICATIONS

SiSiB® SEM365 is widely used in:

- **Car care and furniture polish formulations**, providing high gloss with minimal smear.
- **Release agent applications** for plastics and rubber components (e.g., stoppers, screw caps, bungs).
- **Lubrication of extruded rubber profiles and conveyor belts.**
- **Lubricant for textile machinery and processing equipment.**

Its higher silicone concentration makes it particularly suitable for applications requiring enhanced gloss durability and lubrication performance at reduced addition levels.

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PACKING

SiSiB® SEM365 is supplied in 20Kg drum or 200kg 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

Store in a cool, dry place away from direct sunlight. Protect from freezing. Keep containers tightly sealed when not in use.

When stored in the original unopened packaging under recommended conditions, SiSiB® SEM365 has a shelf life of 12 months from the date of manufacture.

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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