

SiSiB® SEM339 Silicone Emulsion

INTRODUCTION

SiSiB® SEM339 is a non-ionic polydimethylsiloxane (PDMS) emulsion containing approximately 40% active silicone. Due to its non-ionic nature, it demonstrates excellent compatibility with nonionic, anionic, and cationic surfactant or polymer systems without forming instability or complexation.

It provides outstanding wetting, slip, and surface lubricity, while maintaining good emulsion stability at temperatures below 50°C.

FEATURES & BENEFITS

- Excellent gloss enhancement with minimal smear
- Outstanding slip, lubricity, and surface smoothness
- Broad compatibility with nonionic, anionic, and cationic systems
- Good emulsion stability below 50°C

PHYSICAL PROPERTIES

Appearance	Milky white
Non-volatile content (%)	37.0-40.0
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® SEM339 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, and bungs).

Lubrication of extruded rubber profiles and conveyor belts.

Lubricant for textile machinery and processing equipment.

Its balanced slip and film-forming properties make it suitable for both surface conditioning and process lubrication.

PACKING

SiSiB® SEM339 is supplied in 20Kg drum or 200kg plastic drum.

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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. Avoid freezing. Keep containers tightly sealed when not in use. SiSiB® SEM339 has a shelf life of 6 months from the date of production when stored in the original unopened packaging under recommended storage conditions.

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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