

SiSiB® SEM370 Silicone Emulsion

INTRODUCTION

SiSiB® SEM370 is an ultra-high solids, non-ionic polydimethylsiloxane (PDMS) emulsion containing approximately 70% active silicone. Due to its non-ionic character, it demonstrates excellent compatibility with nonionic, anionic, and cationic surfactant or polymer systems without instability or complex formation.

Its very high silicone content enables maximum formulation efficiency, providing outstanding surface lubricity, gloss enhancement, and release performance. The emulsion is suitable for applications requiring high active silicone delivery at reduced addition levels.

EINECS NUMBER

- Ultra-high active silicone content for maximum efficiency
- Delivers durable gloss with minimal smear and streaking
- Excellent slip and surface lubricity
- Broad compatibility across nonionic, anionic, and cationic systems
- Suitable for high-performance surface conditioning and industrial lubrication applications
- Reduced dosage requirement compared to lower-solid emulsions

PHYSICAL PROPERTIES

Appearance	Milky white
Non-volatile content	70-71%
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® SEM370 is widely used in:

- **Car care and furniture polish formulations**, delivering 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.**

SiSiB® SEM370 Silicone Emulsion

Its ultra-high silicone concentration makes it particularly suitable for formulations requiring enhanced durability, gloss retention, and lubrication performance.

PACKING

SiSiB® SEM370 is supplied in 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® SEM370 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.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability.

We disclaim liability for any incidental or consequential damages.