

BIO-SIL

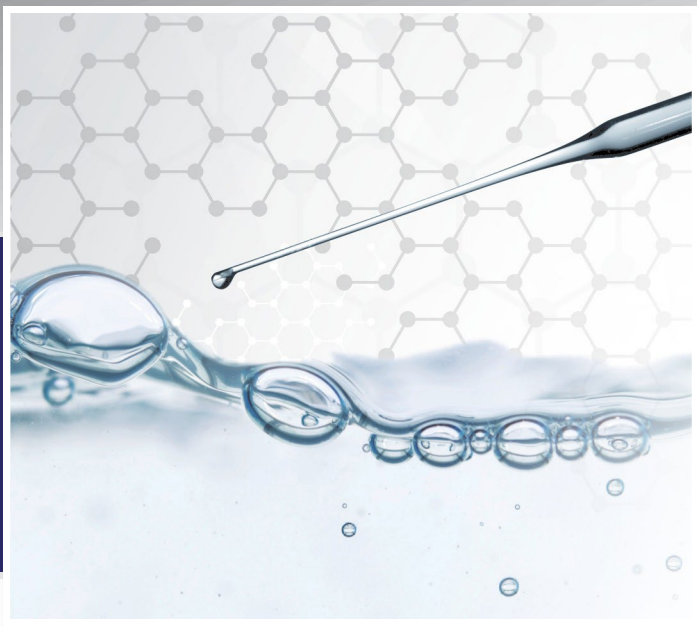
Antifoams & Emulsions

BIO-SIL SRE60HG

SILICONE RELEASE EMULSION

TECHNICAL DATA SHEET

Rev.4 Date: 25/11/2016



PRODUCT DESCRIPTION

BIO-SIL SRE60HG is a 60% emulsion of medium to high viscosity Polydimethyl Siloxane and wax. It has been specifically formulated to impart higher gloss and is particularly suited for use in polish formulations.

BIO-SIL SRE60HG can be used as a lubricity aid and anti-smearing for processing machines. It also allows for excellent release of plastics, rubber and other materials, and imparts excellent water repellency to glass fibre products and mineral wool. BIO-SIL SRE60HG is enhanced to improve slip, water repellency, lubricity and release properties.

COMMON AREAS OF USE

- Automobile polish formulations
- Plastics/rubber industry
- Glass fibre/mineral wool Industry
- Good lubricity effect in offset printing
- Excellent release
- Imparts a high gloss appearance
- Easy to formulate
- Compatible with most plastics
- At higher levels imparts water repellency
- Durability in most applications

PHYSICAL PROPERTIES

Base fluid viscosity at 25°C mm ² /s	100
Specific Gravity	0.84
pH range	>10<200
Viscosity (Mpas)	1.01
Shelf Life	The warranted shelf life is 12 months if stored in original unopened containers at temperatures between 2°C and 39°C.

*Typical product data values should not be used as specifications.

PLEASE NOTE:

- Material Safety Data Sheets are available upon request.
- Testing must be conducted before production
- Packing is available in the following sizes: 25kg Containers, 200kg Drums and 1000kg Containers.

LEGAL DISCLAIMER: Each user bears the full responsibility for making its own determination as to the suitability of Supplier material, products, services, recommendations or advice for its own particular purposes. Each user must identify and perform test and analysis sufficient to assure its finished parts will be safe and suitable for use under end-use conditions. Because actual use of products by the user is beyond the control of Supplier, such use is within the exclusive responsibility of the user, and supplier cannot be held responsible for any loss incurred through incorrect or faulty use of the products. Further, no statement contained herein concerning a possible or suggested use of any material product, service or design is intended or should be construed to grant any license under any patent of other intellectual property right of Supplier or any of its subsidiaries or affiliated companies, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.