



Technical Data Sheet

SILICONE FLUID EMULSION (SS EM -)

APPLICATIONS

- Rubber Goods such as Rubber Parts, Bands, Mats, Tube etc.
- Tyre Manufacturing
- Foundries
- Surgical gloves
- Chappals, Soles and heels
- Latex Manufacturing
- Plastic release
- Furniture & Plastic Polishes
- For Textiles Applications
- In Cold tyre remolding process
- Release of concrete products.

FEATURES

- Non - Corrosive
- Non-Reactive
- Effective at lower concentrations
- Effective at wide range of temperature
- No smoking, breakdown, carbonization, buildup on molds and dies
- Surface of mould becomes abrasion resistant and water-repellent
- Good emulsion stability

PACKAGING

50 Kg & 200 Kg

HDPE Carboys & Drums

DESCRIPTION

SUPREME SILICONES Release Agent consists of a stable Poly Dimethyl Siloxane fluid in water emulsion. The silicone oil phase is compatible with many organic finishing agents (paints/coatings/adhesives). Mould Release Agent can be recommended for the release of articles where post-finishing is required.

SS EM Emulsions are general-purpose and their viscosity and solid content can be adjusted according to demand.

TYPICAL PROPERTIES

Product Name	Appearance	Viscosity by B5 Cps	% Solid content	pH of neat	Specific Gravity
EM 340	Milky White Liquid	50-150	38-42	6 - 8	0.97 – 0.99
EM 335		50 -130	34-36	6 - 8	0.97 - 0.99
EM 330		50-100	28-32	6 - 8	0.97 - 0.99
EM 325		50-100	24-27	6 - 8	0.97 - 0.99
EM 320		50-100	19-22	6 - 8	0.97 - 0.99
EM 315		50-100	14-16	6 - 8	0.97 - 0.99
EM 310		50-100	08-11	6 - 8	0.97 - 0.99
EM 2000		> 1500	20 - 22	6 - 8	0.97 – 0.98

HOW TO USE

Wipe, brush or spray the emulsion, usually diluted. Recommended starting concentration is 2 % to 5 %. (Total solids of Mould Release Agent by water). The user is recommended to determine the best conditions of dilution and application on a test sample before using in production. Breaking in the surface of new or freshly cleaned molds is best done by applying a light coat of undiluted release agent and running the empty mold through one or two heat cycles. After excess residual base fluid is wiped from the surface, the mold is ready for use.

USABLE LIFE AND STORAGE

When stored bellow 35°C in the original unopened containers, Emulsion has a usable life of 9 months from the date of manufacturing. **Supreme Silicones** Emulsion is unaffected by freeze/thaw cycles. If the product freezes, it should be stored at room temperature to thaw and then remixed before use.

HANDLING PRECAUTIONS

Product safety information required for safe use is not included. Before handling, read Material Safety Data Sheets (MSDS) and container labels for safe use, physical and health hazard information.

The information provided to the customers in this data sheet is intended as a guideline and is provided in good faith. Changes may occur from system to system as methods of use and conditions are beyond our control, hence **users are requested to evaluate the recommendations before actual application to get desired performance.** Supreme Silicone's sole warranty is that the product will meet the Supreme Silicone's sales specifications in effect at the time of shipment. Supreme Silicones specifically disclaims any other express or implied warranty of fitness & disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.