Emulsion GPS52 silicone emulsion is a concentrated emulsion of polydimethylsiloxane. It is designed to allow the preparation of different strength products, from a single feedstock, by simply mixing with water in the appropriate ratio.

Stable emulsions down to 15% solids are easily prepared using standard paddle or propeller stirrers. The emulsion is non-ionic and is compatible with many anionic and cationic materials as well as other non-ionic systems.

**TYPICAL PROPERTIES**

- **Appearance:** Cream-white opaque liquid
- **Non-Volatile Content:** 50-54%
- **pH (neat):** 7-8
- **Density:** 0.98 Kg/litre
- **Brookfield Viscosity (20°C):** 800cps approx

**APPLICATION**

Emulsion GPS52 has a wide variety of uses in the textile industry. Emulsion GPS52 can be used as a spinning lubricant in the manufacture of synthetic fibres particularly polyurethane fibres. Emulsion GPS52 also imparts improved lustre and softness to the finished articles.

Emulsion GPS52 also has a number of alternative applications: lubricants for non-metals, release agents and gloss agents/water repellents in polishes and car care products.

**PACKAGING**

Emulsion GPS52 is supplied in 25kg, 200kg and 1000kg containers.