



## PRODUCT DATA SHEET

### PRODUCT: RPLSIL 42

**DESCRIPTION:** RPLSIL 42 is an emulsion of a high molecular weight polydiorganosiloxane in an anionic emulsifying system. Due to its high molecular weight polymer and reactivity it is suitable for many end use applications.

### TYPICAL PROPERTIES:

APPEARANCE -- Milky white emulsion  
SOLIDS CONTENT -- 43 %  
EMULSIFIER SYSTEM -- Anionic  
STORAGE STABILITY -- 12 Months

**APPLICATIONS:** Due to its combination of high molecular weight and being non amino modified a balance of optimum softness and non yellowing is obtained. It can also be crosslinked with suitable emulsions to form elastomeric systems and has excellent lubrication properties which are of use in textile processing systems.

**USES:** RPLSIL 42 is intended for use as a textile softener & lubricant and also in personal care. Typical end uses could include :-

- \* Woven and Non woven fabrics
- \* Conditioning Agent
- \* Release Agent and Lubricant

**HANDLING:** Although none of the components of the emulsion are considered hazardous, due care such as gloves and glasses should be used during handling the product. Care should also be taken to avoid extremes of temperature during storage.

**PLEASE NOTE:** The information given in this data sheet is, to the best of our knowledge correct. However owing to the possibility of the use beyond our control, treatment techniques/applications are made without guarantee and trials to determine the suitability of the product are recommended.

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