



SILTECH CORPORATION
225 Wicksteed Avenue
Toronto, Ontario, Canada, M4H 1G5
(416)424-4567 (Tel) (416)424-3158 (Fax)

TECHNICAL DATA SHEET

SilPlex[®] 25-S
Silicone Quaternary Complex

DESCRIPTION

SilPlex[®] 25-S is a unique complex of a silicone quaternary compound and an anionic silicone compound. It is water soluble, has good compatibility with anionic surfactants thereby providing outstanding conditioning to hair and skin. The INCI name for **SilPlex[®] 25-S** is Silicone Quaternium-24.

TYPICAL PROPERTIES

Appearance	Clear Light Yellow Liquid
Colour, Gardner	5 Max
Viscosity, @ 25°C	500 cps
Specific Gravity	1.04
Water solubility (1%)	Soluble
Activity	100%

USES AND APPLICATION

SilPlex[®] 25-S is a water-soluble, alcohol soluble and hydroalcoholic soluble silicone that imparts outstanding hair conditioning. It also provides a smooth silky feel to skin and can be used for shave products. **SilPlex[®] 25-S** is very mild to the skin and eye making its use in baby shampoos an important application.

SilPlex[®] 25-S is typically used at concentrations ranging from 0.5 - 3.0% by weight.

SAFETY

Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information.

STORAGE AND SHELF LIFE

When stored in the original, unopened containers between 10 and 40°C, **SilPlex[®] 25-S** has a shelf life of 36 months from date of manufacture.

PACKAGING

SilPlex[®] 25-S is available in 20kg and 200kg plastic containers

DISCLAIMER

Siltech believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Siltech, however, disclaims any liability for incidental or consequential damages, which may result from the use of the product that are beyond its control. Therefore, it is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Nothing contained herein is to be considered as permission or a recommendation to infringe any patent or any other intellectual property right.

SILPLEX[®] is a registered trademark of Siltech Corporation, Toronto, Ontario, Canada.

May 2010