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TECHNICAL DATA SHEET

**Silwax<sup>®</sup> CR-5016**

Cetyl Dimethicone / bis vinyl dimethicone cross polymer

**DESCRIPTION**

**SILWAX<sup>®</sup> CR-5016** is from a family of patent pending liquid cross-linked alkylated silicones. The alkyl pendant groups make it more compatible with organic systems. The cross-linking provides softness and unique aesthetics to personal care products, most notably skin care products.

**SILWAX<sup>®</sup> CR-5016** has an INCI name of Cetyl Dimethicone/bis vinyl dimethicone cross polymer.

**TYPICAL PROPERTIES**

Appearance	Clear Liquid
Active Content %	100
Color, Gardner	1
Solubility (1% and 10%): -Water -IPA -Mineral Oil -Cyclopentasiloxane (D5) -350 visc. Silicone Fluid	-Insoluble -Insoluble -Soluble -Soluble -Insoluble

**USES AND APPLICATIONS**

**SILWAX<sup>®</sup> CR-5016** provides excellent lubricity, gloss and emolliency properties in personal care formulations. A key benefit for skin care is the outstanding cushion and play time, while still being non-greasy. For hair care products it provides lubrication and outstanding wet comb without build up. Recommended usage levels are between 1.0 – 3.0 wt% of the total formulation.

**STORAGE AND SHELF LIFE**

When stored in the original, unopened containers between 10 and 40°C, this product has a shelf life of 36 months from date of manufacture.

**PACKAGING**

**SILWAX<sup>®</sup> CR-5016** is available in 20 Kg and 200 Kg containers.

**LEGAL DISCLAIMER**

Siltech Corporation believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Siltech Corporation, 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.

**Silwax<sup>®</sup>** is a registered trademark of Siltech Corporation, Toronto, Ontario, Canada.