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TECHNICAL DATA SHEET

Silwax[®] CR-5022

Behenyl dimethicone / bis vinyl dimethicone cross polymer

SILWAX[®] CR-5022 is one of a patent pending family of liquid cross linked alkylated silicone. The alkyl pendant groups make it more compatible with many organic systems. The crosslinking provides softness and unique aesthetics to personal care products most notably skin care products. The Behenyl product has a melt point of around 30°C.

TYPICAL PROPERTIES

Appearance	Waxy Solid
Active Content %	100
Color, Gardner	3 Max
Solubility (1% and 10%):	
-Water	-Insoluble
-IPA	-Insoluble
-Mineral Oil	-Soluble
-Cyclopentasiloxane (D5)	-Soluble
-350 visc. Silicone Fluid	-Insoluble

USES AND APPLICATIONS

SILWAX[®] CR-5022 provides excellent lubricity, gloss and emolliency properties in personal care formulation. A key benefit for pigmented products in melt point modification and gellation.

Recommended usage level is between 1.0 – 3.0 wt% of the formulation.

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, this product has a shelf life of 24 months from date of shipping.

PACKAGING

SILWAX[®] CR-5022 is available in 20 Kg and 200 Kg 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.

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