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TECHNICAL DATA SHEET

Silwax® CR-5022

Behenyl Dimethicone / Bis Vinyl Dimethicone Crosspolymer

DESCRIPTION

SILWAX® CR-5022 is from a family of patent pending 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 CR-5022 has an INCI name of Behenyl Dimethicone/Bis Vinyl Dimethicone Crosspolymer.

TYPICAL PROPERTIES

Appearance	Wax
Active Content %	100
Melting Point, °C	29
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 CR-5022 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 CR-5022 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.

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