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TECHNICAL DATA SHEET

Silwax® D222
Alkylated Silicone

DESCRIPTION

Silwax®D222 is an alkylated silicone. The alkyl pendant groups make it more compatible with many organic systems. It provides gloss and softness to personal care products and can be used as a lubricant and softener in many industrial applications, such as textile and tissue paper.

Silwax®D222 has an INCI name of Behenyl Dimethicone.

TYPICAL PROPERTIES

Appearance	Soft wax
Melting point	37°C
Active Content %	100
Colour, Gardner	3 Max
Solubility (1% and 10%):	
-Water	-Insoluble
-IPA	-Insoluble
-Mineral Oil	-Soluble, Insoluble
-Aromatic solvents	-Soluble
-Cyclopentasiloxane (D5)	-Insoluble
-350 visc. Silicone Fluid	-Insoluble

USES AND APPLICATIONS

Silwax®D222 provides excellent lubricity, gloss and emmoliency properties in both personal care formulations as well as in industrial applications.

Because of its solubility in mineral oils, mineral spirits and aromatic solvents it is easily formulated where traditional silicones cannot be used.

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, **Silwax®D222** has a shelf life of 36 months from date of manufacture.

PACKAGING

Silwax®D222 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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