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TECHNICAL DATA SHEET

**Silwax® 3H32**

High Melting Alkylated Silicone

**DESCRIPTION**

**Silwax 3H32** is a siloxane with C<sub>32</sub> alkyl groups. **Silwax 3H32** has an INCI name of C30-45 Alkyl Dimethicone. **Silwax 3H32** is available prilled for easier use.

**TYPICAL PROPERTIES**

|   |   |
|---|---|
| Appearance  | Hard wax, prilled   |
| Melting point   | 70°C  |
| Active Content %  | 100   |
| Colour, Gardner   | 1   |
| Solubility, 1%/10%:<br>-Water<br>-IPA<br>-Mineral Oil<br>-Carnauba Wax<br>-Aromatic solvents<br>-Cyclopentasiloxane (D5)<br>-350 visc. Silicone Fluid | Insoluble/Insoluble<br>Insoluble/Insoluble<br>Soluble/Soluble<br>Soluble/Soluble<br>Insoluble/Insoluble<br>Soluble/Soluble<br>Insoluble/Insoluble |

**USES AND APPLICATIONS**

**Silwax 3H32** is used in non-polar solvent-based formulations such as waxes and polishes or lipstick formulations. **Silwax 3H32** is easy to incorporate into various solvent based formulations. It is compatible with Carnauba Wax, Candelilla Wax, Beeswax and Mineral oils.

**Silwax 3H32** provides improved durability, gloss and water repellence for automotive waxes and polishes. It provides emolliency and softness to lipstick formulations. **Silwax 3H32** has a very unique softness combining the typical silicone softness with the high melting hydrocarbon waxy feel.

**Silwax 3H32** is insoluble in water but can be emulsified for water-based formulations.

Recommended usage level is between 1.0 – 5.0 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 3H32** has a shelf life of 36 months from date of manufacture.

**PACKAGING**

**Silwax 3H32** is available in 16 Kg and 182 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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