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TECHNICAL DATA SHEET

**Silamine® 2972**

Water Insoluble Silicone Amine

**DESCRIPTION**

**Silamine® 2972** is an amino-functional silicone compound ideal for hair conditioning. The INCI name is Bis-Aminopropyl Dimethicone.

**TYPICAL PROPERTIES**

Appearance	Clear liquid
Colour, Gardner	1
Active Content %	100
Water solubility (1%)	Insoluble
Solvent	None
Viscosity, cps	1,000
Amine Value	15

**USES AND APPLICATIONS**

**Silamine 2972** is a water-insoluble amino-functional silicone polymer. Amine functionality is widely known to provide deep conditioning for hair and to offer skin conditioning.

**Hair Care**

**Silamine 2972** provides deep conditioning for hair, including softening, improved wet and dry combability and overall improved manageability. In theory the positive charge of the amino groups bind to the negative charge of the hair follicles and bis-aminopropyl dimethicones have been shown to offer a protective barrier on the surface of hair. Most feedback from the personal care market is that the bis-aminopropyl silicone ingredient does not cause build-up on hair, versus other water-insoluble silicone offerings.

**Skin Care**

**Silamine 2972** is an excellent additive to creams and clear skin gels to improve spreadability and aesthetic properties.

**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 container between 10 and 40°C, **Silamine 2972** has a shelf life of 36 months from date of manufacture.

**PACKAGING**

**Silamine 2972** 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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