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TECHNICAL DATA SHEET

Siltech® PTM
Phenyl Trimethicone

DESCRIPTION

Siltech® PTM is a phenyl-modified siloxane with a high refractive index. It is soluble in both alcohol and mineral oil and compatible with many waxes. The INCI name is Phenyl Trimethicone.

TYPICAL PROPERTIES

Appearance	Clear Liquid
Specific Gravity (25°C)	0.980
Flashpoint	>100° C
Viscosity (25°C), cps	30
Refractive Index	1.46
Active Content, %	100
Acid Number (mg/g KOH)	0.23

USES AND APPLICATION

Siltech PTM is compatible with most cosmetic ingredients and offers excellent emolliency.

Siltech PTM exhibits a high refractive index resulting in high gloss and shine in hair care applications, in addition to mild conditioning. Compatibility with numerous personal care ingredients lends well to formulating across conditioners, styling agents and fixatives.

In skin care **Siltech PTM** elicits improved spreading in creams and lotions and provides a non-tacky finish. The product is ideally suited as a compatibilizer. **Siltech PTM** offers often-desired glow in foundations and gloss in other color cosmetics.

Typical use levels range from 1-20% by weight.

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, **Siltech PTM** has a shelf life of 36 months from date of manufacture.

PACKAGING

Siltech PTM is available in 20kg and 200kg 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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