



TECHNOLOGY MAKES LIFE BETTER

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安徽艾约塔硅油有限公司

IOTA CORPORATION LTD.

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TDS of IOTA 9606 Silicone Elastomer Powder

Dimethicone/Vinyldimethicone Crosspolymer [INCI/CTFA]

Features

1. White free-flowing elastomeric silicone powder
2. Capable of absorbing polar and non-polar oils
3. Thickening agent for water-in-oil and water-in-silicone formulations and cyclomethicones

Benefits

1. Excellent oil and sebum absorption
2. Reduces tackiness of formulations
3. Provides dry smoothness and a non-greasy skin feel
4. Quick absorption and cold processing

Description

This product is a white free-flowing cross-linked polydimethylsiloxane elastomer powder. It could be dispersed in oil phase excellently and be formulated into w/o emulsions, o/w emulsions and water-in-silicone oil systems easily. The product provides dry smoothness and a light silky skin, non-greasy feel.

Technical index

Appearance: Smooth white powder with light agglomeration

Density (g/cm³): 0.15~0.35

Applications

This product could be used in sun care, skincare, hair care and other potential formulations.

How to use?

It is recommended to first disperse IOTA 9606 silicone powder in low molecular weight silicone fluid using a homogenizer or propeller-type mixer. No heating is required.

When making an emulsion with this product, incorporate the powder into the oil phase

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and mix with high shear to break up the agglomerates. The recommended usage level is 1-20%.

Package

Packed in 18kg plastic drum or 200kg iron drums.

Storage and Transport

This product is non-dangerous. In storage and transportation, prevent from the exposure of moisture, acids, alkalis, the sun and rain directly. The product has 24 months shelf life from the date of production at room temperature in seal-tight condition.

Cautions

This product is neither tested nor suggested in the medical and pharmaceutical applications.

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