



TECHNOLOGY MAKES LIFE BETTER

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## **TDS of IOTA 96082 Silicone Resin Elastomer Suspension**

### **Dimethicone/Vinyl Trimethylsiloxysilicate Crosspolymer (and) Isohexadecane (and) Laureth-3 (and) Laureth-25 [INCI/CTFA]**

#### **Features**

1. Non-ionic O/W Suspension
2. Inner phase of dimethicone/vinyl trimethylsiloxysilicate elastomer microsphere
3. Non-greasy feel on skin
4. Ease of formulation

#### **Benefits**

1. Convenient to be emulsified and dispersed at room temperature
2. Long-lasting Smooth and silky feel on skin
3. Reduce tackiness of systems of formulation

#### **Description**

IOTA 96082 Silicone Resin Elastomer Suspension is a microsphere emulsion of dimethicone/vinyl trimethylsiloxysilicate crosspolymer. It can be used in formulations of skin care, sun care, color cosmetics, hair care and shampoo to provide long-lasting dry smoothness, light silky and non-greasy skin feel.

#### **Technical index**

Appearance: Milk white thick liquid

Centrifugal stability (ml, 2500 rpm×15 min): ≤0.5

Solid content (% , w/w): 55-60

#### **Applications**

Skin care, sun care, hair care, shampoo, color cosmetics, etc.

#### **How to use?**

This product can be mixed with water, it's better to be added into system of emulsion formulation directly.

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It is recommended to add cyclomethicone and skin-protective grease with low viscosity into the formulations containing this product to get silky and velour skin feel. Mixed the system of formulation with stirring or shearing device.

The common usage level of this product is 0.5-6.0% in hair care formulations, 10-20% in skin care or sun care formulations, and 30-70% in color cosmetics products. It is also recommended to carry out preliminary tests to determine the optimum quantity for particular application.

#### **Package**

Packed in 50kg/200kg plastic drum.

#### **Storage and Transport**

This product is non-dangerous product. In storage and transportation, prevent from the exposure of moisture, acids, alkalis, the sun and rain directly. The product has 12 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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