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## **Technical Data Sheet**

### **JEESILC<sup>®</sup> PS-CMBF**

**INCI: Cyclopentasiloxane, Bis Vinyl Dimethicone/Dimethicone Copolymer**

#### **Introduction**

The Jeesilc<sup>®</sup> PS Series consists of a full line of silicone gels and liquids which utilize a novel, new, patented silicone polymer—Bis Vinyl Dimethicone/Dimethicone copolymer. This is a non-crosslinked, non-alkyl containing silicone polymer designed to enhance the texture, spread properties, gloss and film integrity of formulations.

Jeesilc<sup>®</sup> PS-CMBF (“better feel”) represents one of the next generation of Jeen’s patented silicone copolymer technology. It is a clear gel of Cyclopentasiloxane that provides a fast drying, very light spreading, silky feel to emulsion and anhydrous products.

Ideal for a wide range of finishes, Jeesilc PS-CMBF is quick absorbing and reduces tackiness and greasiness of topical formulations while providing a soft powdery skin feel. The linear, non-crosslinked nature of the unique copolymer leads to one of the key benefits of the BF products: ease of incorporation into the oil phase of emulsions without high shear agitation.

#### **Specifications**

Appearance @ 25 <sup>0</sup> C	Clear Gel
Foreign Matter	Free of Foreign Matter
Viscosity, cps @ 25° C: (Brookfield LVT, Sp.#4, @ 0.6 rpm)	175,000 – 250,000

*Important Note: This document is for informational purposes only. Please contact your Jeen<sup>®</sup> International Sales Representative before writing specifications for this product.*

## **Features and Benefits**

<b>Feature</b>	<b>Benefit</b>
Patented, Non-Crosslinked Polymer	Freedom to Formulate
Quick Spread, Dispersibility and Absorption	Improved "Better" Skin Feel
High Molecular Weight Copolymer	Delivers Silky, Smooth Finish
Low Viscosity Gels	No Pre-Dispersion Required
Incorporation Ease	Less Formulation and Production Time
No Balling Upon Application	Uniform Spread
Dry Feel	Elegant, Reduces Tackiness and Oiliness

## **Suggested Applications and Use Levels**

Jeesilc<sup>®</sup> PS-CMBF has a wide variety of potential applications as outlined below.

- |                              |         |
|------------------------------|---------|
| ▪ Color Cosmetics            | 5 – 40% |
| ▪ Body Care                  | 5 – 10% |
| ▪ Hair Care                  | 2 – 30% |
| ▪ Sun Care                   | 3 – 5%  |
| ▪ Antiperspirants/Deodorants | 5 – 10% |

## **Handling and Storage**

Store Jeesilc PS-CMBF in a clean, dry area at ambient temperature.

## **Standard Packaging**

Jeesilc PS-CMBF is packaged in steel drums at 400 lbs net weight and steel pails at 40 lbs net weight.

### ***You Can Count On Us!***

All suggestions and data in this bulletin are based on information we believe to be reliable. They are offered in good faith. However, no guarantee is made or implied as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions on an experimental basis before adopting them on a commercial scale. Statements as to the use of our products are not to be construed as recommendations for their use in the infringement of any patents.

Jeesilc<sup>®</sup> PS-CMBF Technical Data Sheet Original: November 17, 2008  
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