



24 Madison Road, Fairfield, New Jersey 07004, USA
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
email: info@jeen.com , Website: www.jeen.com

Technical Data Sheet

JEESILC[®] PS-VHBF

INCI: Bis Vinyl Dimethicone/Dimethicone Copolymer (and) Isododecane

Introduction

The Jeesilc[®] 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[®] PS-VHBF (“better feel”) represents one of the next generation of Jeen’s patented silicone copolymer technology. It is a clear gel of volatile Isododecane that provides a fast drying, very light spreading, silky feel to emulsion and anhydrous products.

Ideal for matte finishes, Jeesilc PS-VHBF 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.

Typical Properties

| | |
|--|-----------|
| Appearance @ 25 ⁰ C | Clear Gel |
| Viscosity, CPS @ 25 ⁰ C | 225,000 |
| Percent Solids, 3 Hrs @ 110 ⁰ C | 10% |

Important Note: This document is for informational purposes only. Please contact your Jeen[®] International Sales Representative before writing specifications for this product.

Features and Benefits

| Feature | Benefit |
|-----------------------------------|---|
| Patented, Non-Crosslinked Polymer | Freedom to Formulate |
| Quick Spread and Dispersibility | Improved "Better" Skin Feel |
| High Molecular Weight Copolymer | Delivers Silky, Smooth, Matte 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[®] PS-VHBF 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% |
| ▪ Treatment Serums | 3 – 5% |

Handling and Storage

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

Standard Packaging

Jeesilc PS-VHBF is packaged in steel drums at 325 lbs net weight and steel pails at 33lbs 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[®] PS-VHBF Technical Data Sheet Original: November 13, 2008