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## Technical Data Sheet

### JEESILC<sup>®</sup> PS-D5R

**INCI: Bis Vinyl Dimethicone/Dimethicone Copolymer (and) C12-C14 Isoparaffin (and) C13-C16 Isoparaffin (and) C13-C15 Alkane**

#### 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-D5R is a unique member of the next generation of Jeen's patented silicone copolymer technology. It is a clear gel of a new, patent-pending isoparaffin/alkane blend especially designed as a *substitute for D4, D5 and D6 cyclomethicones*. The resulting Jeesilc<sup>®</sup> PS-D5R is, therefore, a powerful combination of the novel silicone copolymer in a unique solvent, free of cyclomethicones.

Ideal for a wide range of finishes, Jeesilc<sup>®</sup> PS-D5R provides fast drying, light spreading and silky feel to emulsion and anhydrous products. A quick absorbing product, it 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 all the BF Series of 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
Viscosity, CPS @ 25 <sup>0</sup> C	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
Patent-Pending, Unique Non-Silicone Fluid	Silicone Feel without Cyclomethicone Concerns
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-D5R 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<sup>®</sup> PS-D5R in a clean, dry area at ambient temperature.

## **Standard Packaging**

Jeesilc<sup>®</sup> PS-D5R is packaged in steel drums at 325 pounds net weight and steel pails at 33 pounds net weight.

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

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