

Formulating with JEESILC® Products: *Featuring: JEECHEM® HPIB*



NEW!

The JEESILC® line is comprised of standard and specialty silicones. These silicones are available in the form of fluids, emulsions, compounds and lubricants, depending on the user's desired application.

Product Description

JEECHEM® HPIB

INCI: Cyclomethicone (and) Hydrogenated Polyisobutene (and) Dimethicone Crosspolymer-3

JEECHEM® HPIB is a unique dispersion of hydrogenated polyisobutene, cyclomethicone and dimethicone crosspolymer-3 that provides a long lasting, silky smooth feel to **Skin Care** products while giving a powder like after feel.

JEECHEM® HPIB enhances the esthetic value of **Creams, Lotions** and **Color Cosmetics** and delivers a prolonged softer feel with substantivity.

JEECHEM® HPIB will significantly improve the gloss of most cosmetics without leaving a greasy feel or tackiness to the skin. This product provides an especially smooth conditioning effect to most **Hair Care** and **Styling Products** without a heavy oily feel.

Cosmetic & Personal Care Applications:

- **Creams/Lotions**
- **Liquid Foundations**
- **Lip Products**
- **Styling Lotions**
- **Pomades**
- **Sun Care**

Recommended Use Levels:

For Creams and Lotions: between 5% and 10% incorporated into the oil phase of the formulation.

For Hair Care: for improved shine and conditioning attributes, the typical usage levels are between 3% and 5%.

For Color Cosmetics: incorporate at levels of 10% and 15% for improved long lasting wear.

Benefits:

- enhanced shine
- ease of use
- slick feel without tack
- lighter feel

Suggested Formulation

Alcohol Free Sunscreen Gel

This clear alcohol free sunscreen gel offers a silky smooth feel with enhanced substantivity. This unique formulation offers long lasting moisturization with an SPF of 10.

Supplier	Product/INCI	%
JEEN	JEECHEM® HPIB	86.63
	Dimethicone Crosspolymer -3 (and) Cyclomethicone (and) Hydrogenated Polyisobutene	
JEEN	JEESCREEN® OMC	7.50
	Octyl Methoxy Cinnamate	
JEEN	JEESCREEN® OS	5.00
	Octyl Salicylate	
AFF Int'l	Fragrance 118578	0.87
Total		100.00

Procedure

Combine the sunscreen phase with the fragrance and mix until uniform. Add this premix slowly to the **JEECHEM® HPIB** at room temperature and mix until uniform.

General Specifications-Typical Properties

Appearance:	Water White Clear Gel
Odor:	Odorless
Specific Gravity:	0.9 – 1.0
Solids (Wt.%):	32 - 36

This document is for informational purposes only. Please contact your JEEN International Sales Representative before writing specifications on this product.

General Handling and Storage:

- Store in Clean, Dry Area
- Ambient Room Temperature
- Avoid Freezing

Standard Packaging

Drum: 400 Lbs. Net Wt.
Pail: 40 Lbs. Net Wt.