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Silky Matte Foundation (Paraben-free) Formulation - J4/37A

JEESILC® PS-VHBF is a **PATENTED** non-crosslinked silicone copolymer that provides an excellent silky, cushiony feel with superior spread properties and also helps in water resistance. The **JEESILC® 110** contains a mixture of low and high molecular weight dimethicones having a much different feel than straight dimethicone. It provides cushion, a greater slip and has a satiny after-feel. **JEECIDE® CAP-5** is a globally-approved broad spectrum paraben-free preservative system effective against bacteria, yeast and mold.

Ingredient	INCI Nomenclature	Supplier	%
Permethyl 99A	Isododecane	Presperse	19.30
JEESILC® PS-VHBF	Isododecane & Bis-Vinyl Dimethicone/Dimethicone Copolymer	JEEN International	9.00
JEESILC® 110	Dimethicone	JEEN International	3.00
Abil EM-97	Bis-PEG/PPG-14/14 Dimethicone & Cyclopentasiloxane	Degussa	3.00
JEECIDE® CAP-5	Phenoxyethanol & Caprylyl Glycol & Potassium Sorbate & Water & Hexylene Glycol	JEEN International	1.00
Bentone Gel IHD-V	Isohexadecane & Disteardimonium Hectorite & PGropylene Carbonate	Elementis	1.70
Yellow Iron Oxide SI	Iron Oxides & Methicone	Sensient/LCW	1.00
Red Iron Oxide SI	Iron Oxides & Methicone	Sensient/LCW	0.20
Black iron Oxide SI	Iron Oxides & Methicone	Sensient/LCW	0.20
Gransil PSQ	Polymethylsilsesquioxane	Grant Ind.	4.00
Titanium Dioxide BTD-1152	Titanium Dioxide & Triethoxycaprylylsilane	Kobo	5.00
Talc Micro Ace P-2	Talc	Presperse	3.00
DI Water	Water		44.30
Keltrol CG	Xanthan Gum		0.30
JEECHEM® BUGL	Butylene Glycol	JEEN International	4.00
Sodium Chloride	Sodium Chloride		1.00

Procedure:

- Using a homogenizer in the main tank, combine the Permethyl, Jeesilcs and Bentone Gel and homogenize at a low speed. Add in the Abil EM-97 and Jeecide CAP-5 and mix for 15 minutes.
- Pre-blend the Iron Oxides and the other powders and mix in an Osterizer. Add to the main tank and homogenize at a medium speed until they are fully dispersed.
- In a side tank, add the water. Combine the Keltol and Butylene Glycol and mix. Add to the water and mix until fully dissolved. Add in the Sodium Chloride and mix. Slowly add the water phase to the oil phase using slow speed homogenizing agitation without aerating the batch. Mix for 20-25 minutes.

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