

# Soft Touch Foundation (CC-F-11)

This cold-processable Soft Touch Foundation utilises SeraSilk® EM 602 (Dimethicone/Vinyl Dimethicone Crosspolymer (and) C12-14 sec-Pareth-7), a silicone elastomer which imparts a soft, powdery feel to the skin, giving a matte finish. SeraSense® SF PTM (Phenyl Trimethicone) acts as an emollient and water repellent.

Raw Material/INCI Name	% w/w	Trade name/Supplier	Function
Water	To100	-	Vehicle
Preservative	q.s.	-	Preservative
Glycerin	2.00	Surfac G995V/Surfachem	Humectant
Xanthan Gum	0.80	Keltrol CG RD/CP Kelco	Thickener
<b>Dimethicone/Vinyl Dimethicone Crosspolymer (and) C12-14 sec-Pareth-7</b>	<b>27.50</b>	<b>SeraSilk® EM 602/KCC Beauty</b>	<b>Skin Feel</b>
C12-15 Alkyl Benzoate	7.00	Crodamol AB/Croda	Emollient
<b>Phenyl Trimethicone</b>	<b>1.00</b>	<b>SeraSense® SF PTM/KCC Beauty</b>	<b>Emollient/Repels water</b>
CI 77492	0.28	Yellow Iron Oxide	Pigment
CI 77491	0.12	Red Iron Oxide	Pigment
CI 77499	0.008	Black Iron Oxide	Pigment
Titanium Dioxide	4.50	T-Lite SF/BASF	Opacifier/Colourant

## Typical Properties

Appearance:	Pale brown, viscous cream
Viscosity @ 25°C :	>50000cPs (Brookfield RVT, Sp7, 2.5rpm)
pH @ 25°C:	n/a

## Method

In a side vessel, mix the water, Neolone, Glycerin and Xanthan Gum with high speed stirring until uniform.

In the main vessel, pre-mix the SeraSilk EM 601, Crodamol AB and SeraSense SF PTM.

With homogenisation, slowly add the iron oxides and titanium dioxide until uniform.

Slowly add the water phase to the main vessel with high speed stirring. Mix until uniform.



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Please note that the above formulation is only intended as a guide. It is not a commercial formulation and has not been tested as such. The formulation should be evaluated and modified for your own requirements before use. Also suggestions of uses should not be taken as inducements to infringe any particular patent.