

Guide Formulation

Personal Care

Ink Lasting Foundation (MS_17)

This foundation provides long-lasting wear. **SeraSense® SF MTM** provides improved skin wetting and a quick flash-off that leaves a dry, silky feel on skin with no build up. **SeraSol® SC 95** makes stable emulsions with low viscosity and has a pleasant sensory feel. **SeraSense® AC 16** is a soft, flexible film former. It gives water resistance and durability.

Raw Material/INCI Name	% w/w	Trade name/Supplier	Function
Phase A			
Dimethicone	10.00	SeraSense® SF 6/KCC Beauty	Solvent/Emollient
Methyl Trimethicone	8.00	SeraSense® SF MTM/KCC Beauty	Solvent/Emollient
Cyclopentasiloxane	3.00	SeraSense® SF CM5/KCC Beauty	Solvent/Emollient
PEG-10 Dimethicone	3.00	SeraSol® SC 86A/KCC Beauty	Emulsifier
Lauryl PEG-8 Dimethicone	2.00	SeraSol® SC 95/KCC Beauty	Emulsifier
Cetyl PEG/PPG-10/1 Dimethicone	1.00	SeraSol® SC 83-A/KCC Beauty	W/O Emulsifier
Acrylates/Dimethicone Copolymer (and) Dimethicone	5.00	SeraSense® AC 16/KCC Beauty	Fixative
Ethylhexyl Methoxycinnamate	5.00	Uvinul MC-80/BASF	UVB Absorber
Cyclopentasiloxane (and) Distearidimonium Hectorite (and) Propylene Carbonate	8.00	Bentone Gel® VS-5PC V HV/Elementis Speciality	Viscosity Increasing Agent
Titanium Dioxide (and) Iron Oxide (and) Mica (and) Polymethyl Methacrylate	15.00	BB Base/EnTop	Pigment
Talc	5.00	Various	Skin Tone/Sebum Control
Mica	1.00	Various	Skin Tone/Sebum Control
Phase B			
Aqua (Water)	To 100	-	Vehicle
Glycerin	3.00	Various	Humectant
Butylene Glycol	3.00	Various	Humectant
Sodium Chloride	0.40	Various	Buffer
Phase C			
Phenoxyethanol	0.30	Various	Preservative
Caprylhydroxamic Acid (and) Caprylyl Glycol (and) Glycerin	0.30	Various	Preservative
Parfum (Fragrance)	q.s.	-	Fragrance

Typical Properties

Appearance:	Beige, low viscosity emulsion
Viscosity @ 25°C:	3,000 - 12,000cP (Brookfield LVDV II LV-4, 6rpm)
pH @ 25°C:	n/a

Method

Mix the ingredients of Phase A until homogenous

In a separate vessel, mix the ingredients of Phase B until homogenous. Slowly add Phase B to A with stirring

Slowly add Phase C to A+B, with stirring



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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.