

Guide Formulation

Personal Care

Ink Tinted Foundation (MS_08)

This foundation has an excellent light and powdery feeling. SeraSilk® EL 81 has fast volatility and gives a non-tacky, dry, smooth after feel. SeraSnow® SP 14 has good dispersibility, flowability and non-agglomeration. It gives a silky, smooth feel and good coverage.

Raw Material/INCI Name	% w/w	Trade name/Supplier	Function
Phase A			
Dimethicone	16.00	SeraSense® SF 6/KCC Beauty	Solvent/Emollient
Phenyl Trimethicone	6.00	SeraSense® SF PTM/KCC Beauty	Solvent/Emollient
Cyclopentasiloxane	6.00	SeraSense® SF CM5/KCC Beauty	Solvent/Emollient
Methyl Trimethicone	5.00	SeraSense® SF MTM/KCC Beauty	Solvent/Emollient
Acrylates/Dimethicone Copolymer (and) Cyclopentasiloxane	1.00	SeraSense® AC15/KCC Beauty	Fixative
Dimethiconol (and) Isododecane (and) Dimethicone/Vinyl Dimethicone Crosspolymer	4.00	SeraSilk® EL 81/KCC Beauty	Skin Conditioning
Cetyl PEG/PPG-10/1 Dimethicone	2.00	SeraSol® SC 83-A/KCC Beauty	W/O Emulsifier
PEG-10 Dimethicone	4.00	SeraSol® SC 86A/KCC Beauty	W/O Emulsifier
Stearyl Dimethicone (and) Octadecene	0.80	SeraSoft® SW 70-A/KCC Beauty	Rheology Modifier
Vinyl Dimethicone/Methicone Silsesquioxane Crosspolymer	2.00	SeraSnow® SP 14/KCC Beauty	Coverage
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
BB Base	11.00	EnTop	Pigment
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	Spectrastat/Azelis (Inolex)	Preservative
Parfum (Fragrance)	q.s.	-	Fragrance

Typical Properties

Appearance:	Beige, viscous emulsion
Viscosity @ 25°C:	3,000 - 12,000cP (Brookfield LVDV IILV-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.