

## Guide Formulation

### Personal Care

# Long Lasting Cover Cushion Pact (MS\_01)

This cushion pact has a very light, silky feeling and long lasting ability. SeraSense® AC 15 is a soft, flexible film former. It gives a water resistant effect and long-wear. SeraSnow® SP 13 gives a light, silky and non-greasy skin feel.

Raw Material/INCI Name	% w/w	Trade name/Supplier	Function
<b>Phase A</b>			
<b>Dimethicone</b>	<b>3.00</b>	<b>SeraSense® SF 6/KCC Beauty</b>	<b>Solvent/Emollient</b>
<b>Methyl Trimethicone</b>	<b>10.00</b>	<b>SeraSense® SF MTM/KCC Beauty</b>	<b>Solvent/Emollient</b>
<b>Cyclopentasiloxane</b>	<b>9.00</b>	<b>SeraSense® SF CM5/KCC Beauty</b>	<b>Solvent/Emollient</b>
<b>Acrylates/Dimethicone Copolymer (and) Cyclopentasiloxane</b>	<b>8.00</b>	<b>SeraSense® AC15/KCC Beauty</b>	<b>Fixative</b>
<b>Cetyl PEG/PPG-10/1 Dimethicone</b>	<b>2.00</b>	<b>SeraSol® SC 83-A+/KCC Beauty</b>	<b>W/O Emulsifier</b>
<b>PEG-10 Dimethicone</b>	<b>3.00</b>	<b>SeraSol® SC 86A/KCC Beauty</b>	<b>W/O Emulsifier</b>
<b>Stearyl Dimethicone (and) Octadecene</b>	<b>1.00</b>	<b>SeraSoft® SW 70-A/KCC Beauty</b>	<b>Rheology Modifier</b>
Ethylhexyl Methoxycinnamate	7.00	Uvinul MC-80/BASF	UVB Absorber
Cyclopentasiloxane (and) Distearidimonium Hectorite (and) Propylene Carbonate	2.00	Bentone Gel® VS-5PC V HV/Elementis Speciality	Viscosity Increasing Agent
BB Base	14.00	EnTop	Pigment
Dimethicone/Vinyl Dimethicone Crosspolymer	4.00	SeraSnow® SP 13/KCC Beauty	Coverage/Skin Feel
<b>Phase B</b>			
Aqua (Water)	To 100	-	Vehicle
1,3-Butanediol	5.00	Various	Humectant
Sodium Chloride	1.00	Various	Buffer
<b>Phase C</b>			
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:	9,000 - 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.