

Guide Formulation

Personal Care

Shining Sun Cushion Pact (SPF 50+, PA+++)_(MS_06)

This sun cushion pact has a light, silky and moisturised feel. SeraSense® AC 15 is a soft, flexible film former which gives a water resistant effect. SeraSnow® SP 14 gives a light, silky and non-greasy feel. SeraSol® EL 92A is an emulsifying elastomer, making it extremely stable with a soft, powdery after-feel.

Raw Material/INCI Name	% w/w	Tradename/Supplier	Function
Phase A			
Dimethicone	10.00	SeraSense® SF 6/KCC Beauty	Solvent/Emollient
Methyl Trimethicone	7.00	SeraSense® SF MTM/KCC Beauty	Solvent/Emollient
Acrylates/Dimethicone Copolymer (and) Cyclopentasiloxane	2.00	SeraSense® AC15/KCC Beauty	Fixative
Dimethicone (and) Trimethylsiloxysilicate	2.00	SeraSense® RB 21/KCC Beauty	Skin Conditioning
Cetyl PEG/PPG-10/1 Dimethicone	3.00	SeraSol® SC 83-A+/KCC Beauty	W/O Emulsifier
PEG-10 Dimethicone	3.00	SeraSol® SC 86A/KCC Beauty	W/O Emulsifier
Dimethicone (and) Dimethicone/PEG-10/15 Crosspolymer	1.00	SeraSol® EL 92A//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	7.00	Uvinul MC-80/BASF	UVB Absorber
Ethylhexyl Salicylate	4.50	PARSOL® EHS/DSM	UVB Absorber
Cyclopentasiloxane (and) Distearidmonium Hectorite (and) Propylene Carbonate	1.50	Bentone Gel® VS-5PC V HV/Elementis Speciality	Viscosity Increasing Agent
Titanium Dioxide (and) Aluminium Hydroxide (and) Stearic Acid (and) Cyclopentasiloxane (and) PEG-10 Dimethicone	5.00	Choice Titan 40/Choice Trade	UV Absorber
Zinc Oxide (and) Hydrogen Dimethicone (and) Coco Caprylate/Caprates	6.00	Choice Zinc 60CC/Choice Trade	UV Absorber
Phase B			
Aqua (Water)	To 100	-	Vehicle
Glycerin	4.00	Various	Humectant
Butylene Glycol	4.00	Various	Humectant
Sodium Chloride	1.00	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:	-
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



Scan me to find out more about KCC Beauty online!

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.