

Guide Formulation

Personal Care

Ultra Shine Lip Gloss (CC-L-11)

Achieve even more shine in your cosmetic formulations by incorporating **SeraSense® SF DDM**, a phenyl-modified fluid with a higher refractive index than Phenyl Trimethicone. **SeraSense® RB 22** is a resin blend and film former which will give longevity to any formulation.

Raw Material/INCI Name	% w/w	Trade name/Supplier	Function
Phase A			
Diphenyl Dimethicone	3.60	SeraSense® SF DDM/KCC Beauty	Adds Gloss
Cyclopentasiloxane (and) Trimethylsiloxy silicate	14.40	SeraSense® RB 22/KCC Beauty	Fixative
Stearyl Dimethicone (and) Octadecene	2.50	SeraSoft® SW 70-A/KCC Beauty	Emollient
Simmondsia Chinensis (Jojoba) Seed Oil	3.50	Seatons Jojoba Oil/Seatons	Emollient
Silica Dimethyl Silylate	0.50	Aerosil R971/Azelis (Evonik)	Viscosity Modifier
Cetearyl Isononanoate	5.00	Cetiol SN/Cornelius (BASF)	Emollient
Silica	1.00	Cabosil M5/Cabot Corp	Viscosity Modifier
Phase B			
Hydrogenated Polyisobutene (and) Ethylene/Propylene/Styrene Copolymer (and) Butylene/Ethylene/Styrene Copolymer	65.00	Versagel ME-1600/Azelis (Penreco)	Emollient
BHT	0.10	Various	Anti-Oxidant
CI15850	2.30	C197711 Soft-Tex D&C Red 7 Ca Lake/Azelis (Sun Chemical)	Colourant
Phase C			
CI77400 (Copper Powder) (and) Silica	0.50	Visionaire Lava/Aston Chemicals (Eckart)	Shimmer
Panthenol	0.40	DL Panthenol/	
Tocopheryl Acetate	0.60	Tocopheryl Acetate/A&E Connock	Emollient
Flavour	q.s.	-	Taste

Typical Properties

Appearance:	Viscous, red liquid
Viscosity @ 25°C:	80000 – 100000cP (Brookfield Helipath, T Bar D, 12rpm)
pH @ 25°C:	n/a

Method

Mix the ingredients of Phase A in the main vessel, aside from the Cabosil. Heat to 75°C.
Once at temperature, add the Cabosil and homogenise until smooth.
Premix Phase B. Add to A and homogenise until a gel forms.
Return to the stirrer, and add Phase C, stirring slowly until the pigment is fully incorporated.



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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.