



Makeup Formulas
Formulation FM602 A & B

<u>Phase</u>	<u>Ingredient</u>	<u>%w/w</u>	
		<u>A</u>	<u>B</u>
Part A	Water	38.45	38.45
	Cetyl Hydroxyethylcellulose Polysurf 67 CS 1%	0.35	0.35
	Propylene Glycol	2.00	2.00
	Na ₂ EDTA	0.10	0.10
	NaCl	1.00	1.00
Part B	Color Blend	15.00	15.00
Part C	Silube J208-812 (Siltech) (Lauryl PEG-8 Dimethicone)	5.00	
	Silube J208-612 (Siltech) (Lauryl PEG-8 Dimethicone)		5.00
	Spider Ester GEC	18.50	
	Spider Ester ESO		14.50
	Beeswax	4.00	3.00
	Propylparaben	0.20	0.20
	Methylparaben	0.40	0.40
Part D	Cyclomethicone Pentamer (D5)	<u>15.00</u>	<u>20.00</u>
		<u>100.00</u>	<u>100.00</u>

Procedure:

1. Heat water to 75°C or higher. Add Polysurf with vigorous mixing and continue mixing until completely dispersed. Allow to cool to 35°C while continuing to mix.
2. Add remaining Part A ingredients and mix until uniform.
3. Pre-blend and mill Color Blend and then add and disperse into Part A until uniform.
4. Heat Part A to 60°C.
5. Heat Part C to 70°C and mix until solids are dissolved.
6. Add Part D to Part C, maintain temperature of combined phase at 65°C.
7. Add Part A & B to part C & D with high speed propeller mixer.
8. Cool to 30°C and fill.

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