



Emulsion-based cheek color

Phase	Ingredient	Wt.%
A	Deionized water	62.00%
	Zemea[®] propanediol	8.00%
	Stepanquat ML	2.00%
	Germaben 11-E	1.00%
B	SI-TEC™ CM-040 Cyclomethicone	20.00%
	Abil EM-90	1.00%
	Salcare SC-95	2.00%
	Phenoxyethanol	1.00%
C	SI-TEC™ CM-040 Cyclomethicone	1.80%
	Titanium dioxide 328	0.68%
	D&C Red 30 (Puricolor Red VRE 1)	0.52%
	Total	100.00%

Benefits

- Excellent stability
- Excellent aesthetics

Procedure

1. Combine phase A in a suitable mixing vessel at room temperature. Mix until the phase is clear and uniform.
2. Combine phase B in a mixing vessel at room temperature.
3. Premix phase C in a separate container and grind through a 3-roll mill until there are no pigment specks present.
4. Add phase C to phase B and mix until all the color is dispersed.
5. When phases A and B are uniform, slowly add phase A to combined phases B and C and mix until all the phases are combined. Switch to a homogenizing mixer and mix for 10-15 minutes. Store the batch in airtight containers until ready for filling. Check the viscosity and pH of the batch.