

Lipstick formulation—natural oil and wax lipstick with Eastman Sustane™ SAIB

Part	Ingredients/INCI name	Wt%	Product name	Suggested manufacturer
A	Mica	3.5	Red mica	TKB Trading, LLC
	Pigment	3.5	Red pigment	TKB Trading, LLC
	Ricinus communis (castor) seed oil	35.0	Lipovol® CO	Vantage Specialty Ingredients Inc.
B	Cetyl palmitate	4.4	Crodamol™ CP	Croda International
	Beeswax	4.4	Beeswax—general	Strahl & Pitsch Inc.
	Euphorbia cerifera (candelilla) wax	5.3	Candelilla wax	Strahl & Pitsch Inc.
	Copernicia cerifera (carnauba) wax	2.6	Carnauba wax	Strahl & Pitsch Inc.
C	Ricinus communis (castor) seed oil	7.5	Lipovol® CO	Vantage Specialty Ingredients Inc.
	Vitis vinifera (grape) seed oil	8.5	Lipovol® G	Vantage Specialty Ingredients Inc.
	Sucrose acetate isobutyrate	16.0	Eastman Sustane™ SAIB	Eastman
	Triisostearyl citrate	8.8	Schercemol™ TISC ester	The Lubrizol Corporation
D	Tocopherol	0.5	dl- α -Tocopherol	DSM Nutritional Products LLC

Procedure

1. Mix part A colors at room temperature to ensure uniformity. Set aside.
2. Set a hot plate to 75°C.
3. Melt all ingredients in part B in a separate beaker on the hot plate. Blend the mixture by hand.
4. Stop heating.
5. Add part C to part B and mix.
6. Add part A. Mix to a uniform color.
7. Add part D. Stir slowly to get rid of any air bubbles.
8. Fill a lipstick mold with the mixture, then freeze at -7°C for 10 minutes.
9. Transfer the finished lipstick into a case.

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