

Matte Liquid Lipstick PTC5-88-2

<u>PHASE A</u>	% W/W
Indopol H-50 ² (Polybutene)	2.00
BIOGEL[®] Canola Butter¹ (Hydrogenated Canola Oil)	5.00
Pelemol[®] DISM¹ (Diisostearyl Malate)	10.00
Pelemol[®] ISAO¹ (Argan Oil Isostearyl Esters)	2.00
<u>PHASE B</u>	
Pecosil[®] G-600¹ (Isododecane (and) Vinyl Dimethicone/Lauryl Dimethicone Crosspolymer (and) Dimethicone (and) Lauryl Dimethicone)	20.00
Giovarez[®] BTB-50¹ (Isododecane (and) Behenyl Methacrylate/t-Butyl Methacrylate Copolymer)	15.00
<u>PHASE C</u>	
Permethyl 99A ³ (Isododecane)	12.00
<u>PHASE D</u>	
Kaolin ⁴ (Kaolin)	10.00
Alumina ⁴ (Alumina)	2.00
Covastyle MBS ⁵ (Sodium Metabisulfite)	2.00
<u>PHASE E</u>	
Red 7 Lake ⁵ (Red 7 Lake)	6.00
Titanium Dioxide ⁵ (Titanium Dioxide CI 77891)	7.00
Red Iron Oxide ⁵ (Iron Oxides)	1.00
<u>PHASE F</u>	
CL-2080 ⁶ (Polyethylene)	5.00
BPD-500 ⁶ (HDI/Trimethylol Hexyllactone Crosspolymer (and) Silica)	1.00
	100.00

1. **Phoenix Chemical, Inc.**
2. Vantage Personal Care
3. Presperse
4. Brenntag Specialties Inc.
5. Sensient Cosmetic Technologies
6. Kobo Products

Procedure:

In main kettle, mix Phase A and heat to 85°C. Once melted, remove from heat and add Phase B. Mix until uniform. Reduce temperature to 60°C and then add Phase C. Add Phase D and E and homogenize until all pigments are dispersed and color is uniform. Remove from homogenizer and add Phase F. Fill into vials.

INGREDIENT	FUNCTION
BIOGEL Canola Butter	Soft conditioning butter that melts at skin temperature. Spreads easily, is emollient and non-greasy
Pelemol DISM	Light, silky emollient ester. Substantive to lips
Pelemol ISAO	Non-greasy, light, elegant ester
Pecosil G-600	Silicone gel that leaves skin with a pronounced silky, powdery feel
Giovarez BTB-50	Film former that produces a hard, water-insoluble film