

### 1028 - Sheabutter Hair Polish (100.00g)

Ingredient	Function	Percent	Wgt (g)	Wgt (oz)	Vol (tsp.)
<b>Phase A</b>					
Distilled Water (aqua)	Diluent	73.10	73.10	2.58	14.62
Quaternium-31 (dicytyldimonium chloride, isopropyl alcohol)	Conditioner	2.00	2.00	0.07	0.40
Glycerin (glycerin)	Humectant	4.00	4.00	0.14	0.80
<b>Phase B</b>					
Shea Butter, Organic (Butyrospermum parkii [shea] butter)	Emollient	3.00	3.00	0.11	0.60
Ceteareth-20 (ceteareth-20)	Emulsifier	2.00	2.00	0.07	0.40
Cetyl Alcohol (cetyl alcohol)	Thickener	3.00	3.00	0.11	0.60
Bees Wax (cera alba [bees wax])	Texturizer	3.00	3.00	0.11	0.60
OM-Cinnamate (octyl methoxycinnamate)	UV Absorber	1.00	1.00	0.04	0.20
<b>Phase C</b>					
GelMaker EMU (sodium acrylate / sodium acryloyldimethyl taurate copolymer, isohexadecane, polysorbate 80)	Thickener	2.00	2.00	0.07	0.40
Cyclo-Dimethicone (cyclomethicone, dimethicone)	Emollient	5.00	5.00	0.18	1.00
<b>Phase D</b>					
Provitamin B5 (d-panthenol, water)	Moisturizer	0.50	0.50	0.02	0.10
Paraben-DU (propylparaben, methylparaben, diazolidinyl urea, propylene glycol)	Preservative	1.00	1.00	0.04	0.20
Fragrance Coconut	Fragrance	0.30	0.30	0.01	0.06
Citric Acid (citric acid)	Stabilizer	0.10	0.10	0.00	0.02

#### Method

Add phase A into a disinfected glass beaker and heat to 150F/67C. Add phase B into another heat resistant glass beaker and heat to the same temperature to melt the ingredients. Add phase B to phase A and stir well. Remove from the heat. After the temperature has dropped below 120F/49C, add phase C to phase A/B and stir very well. The GelMaker EMU will thicken the cream, blend well. At last add phase D one by one and stir again well. Adjust the ph value to 4-5.5 with citric acid.

#### Properties

Creamy Hair Polish with moisturizing sheabutter. Cyclo-dimethicone is a silicone emollient that softens and conditions as does the cetyl alcohol. The "Hair Polish" is a bit heavier containing more butter and wax than the lighter cream-based "Hair Balm".