Applechem Formulary - Lip Care

a

Glossy Glitz One-Swipe Lipstick (SC-LS 010 v2)

A smooth, creamy lipstick featuring excellent pay-off and high shine. Offers soft, creamy sensory and moisturizing effect for superior long wear comfort.

Applecare PDS-300 is widely known for its use in wetting and dispersing traditional pigments. It greatly improves the pigment dispersion process, allowing color cosmetic formulators to create highly pigmented dispersions with smooth sensory and improved water resistance. The improved adhesion on the lip matches and defines lip's natural contour.

G-GEL Silkane is an organoclay gel designed for sensory focused silicone formulas. It greatly boosts suspension and slip of color pigments, making it a crucial ingredient in stabilizing color cosmetics.

Specifications

- 50°C oven: 1 month stable
- Freeze-Thaw: Passed 3 Cycles

Processing Method

- Combine pigments from Phase A in blender. Pulse until obtain a homogenous pigment mixture. Blend all powders until homogenous.
- On a dispersion blade at 70 Celsius, mix liquids (phase A) while slowly adding powder. Once all powder has been incorporated, continue mixing on dispersion blade (high speed) for 20-30 minutes (until homogenous consistency/ appearance).
- Pass pigment phase through 3 rollermill (7:3, 3:1 gap size).

PHASE	INCI NAME (TRADE NAME)	USAGE (WT%)
A	Titanium Dioxide (Cl 77891)	2.20
	Red 7 (Cl 15850)	5.00
	Yellow 5 (Cl19140)	2.00
	Applecare PDS-300	0.70
	Silica (Silica Shells)	1.50
	HDI/Trimethylol Hexyllactone Crosspolymer (and) Silica (BPD-500)	4.00
	Lauroy Lysine (Amihope LL)	3.50
	Pentaerythrityl Tetraisostearate	14.30
В	Pentaerythrityl Tetraisostearate	20.50
С	Helianthus Annuus (Sunflower) Seed Wax	9.00
	Oryza Sativa (Rice) Bran Wax	4.50
	G-Gel Silkane	5.25
	Glyceryl Behenate(Compritol 888 Pellets)	0.50
	C10-18 Triglycerides (Lipocire A SG)	3.30
D	Dimer Dilinoleyl Dimer Dilinoleate (Pelemol DD)	5.00
	Tocopherol Acetate	0.25
	Capryloyl Glycerin/Sebacic Acid Copolymer (Vellaplex MB)	5.00
	Methyl Hydrogenated Rosinate (Foralyn 5020)	12.5
E	Mica	1.00
F	Fragrance	Q.S.

- 4. On a dispersion blade, mix Phase A and Phase B. Heat up to 85 Celsius.
- 5. Mix and heat phase C to 85 Celsius. Then add phase C to main phase on propeller mixer at 85 Celsius.
- 6. Mix and heat phase D to 85 Celsius. Then add phase D to main phase on propeller mixer at 85 Celsius.
- 7. At 85 Celsius, slowly add mica and mix into main phase for 5-10 minutes. (homogenous)
- 8. Cool to 80 Celsius, add Phase F and Mix. Then pour into molds. Let molds cool in freezer for several hours (2-4h) before removal. When completely cooled and hardened, discharge from mold into lipstick tubes.

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