Applechem Formulary - Color Cosmetics



Shimmering Luminosity Strobing Highlighter CC F-018

This brilliant highlighter features a smooth, silky sensory, great spreadability and an illuminating finish. The pay off is excellent with smudge-free wear. G-GEL and Applecare PDS-300 boost the efficacy of your pearlescent pigments by reducing agglommeration during mixing, allowing for them to lay flat and reflect more effectively.

Applecare PDS 300 evenly distributes highly-loaded mineral UV filters to provide a smooth sensory with UV-blocking effects. It greatly reduces the tacky after-feel.

G-GEL Eco-HMS is an organoclay gel designed for clean beauty applications. It greatly boosts suspension and sensory of mineral pigments, making it a crucial ingredient in stabilizing mineral sunscreens.

OleoFLEX are film forming elastomeric texturizers for natural oils. They increase water resistance and lock the UV actives and natural oils onto the skin.

Specifications

- Yield Stress:823,900 cP
- 50°C oven: 1 month stable
- Freeze-Thaw: Passed 3 cycles

PHASE	INCI NAME (TRADE NAME)	USAGE (WT%)
A	OleoFlex EG-200	3.00
	OleoFlex FG-100	10.0
	G-Gel Eco-HMS	15.0
	Isononyl Isononoate	8.00
	Vitis Vinifera (Grape) Seed Oil	8.00
	C13-15 Alkane (Hemisqualane)	4.00
	Caprylic/Capric Triglyceride (and) Polyurethane-79 (Oilkemia 5S)	4.00
В	Aluminum Starch Octenylsuccinate (Agenaflo 0S 9051)	1.00
	Talc	8.00
	Nylon 12	2.00
	Mica	14.0
С	Synthetic Fluorphlogopite (and) Titanium Dioxide (and) Tin Oxide (Timiron Synwhite Satin)	5.00
	Mica (and) Titanium Dioxide (and) Iron Oxides (Colorna TransGold MP-28)	10.0
	Applecare PDS-300	8.00
D	Preservative	q.s.

Processing Method

- 1. Heat Phase A to 90 Celsius and homogenize for 20 minutes at 4000 rpm.
- 2. Add Phase B to Phase A and mix well by a dispersion blade (1000~1500 rpm) for 5 minutes.
- 3. Add Phase C into Phase AB and mix by propeller at low speed (200 rpm) at 80 Celsius.
- 4. Add Phase D when the mixture is under 50 Celsius.

Create Possibilities

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