

KoboGel™

Pre-Dispersed Color Concentrates



To help formulators easily obtain accurate and consistent color shades, Kobo Products has developed the KoboGel™ range for BB, CC, DD and EE creams or to add a tint of color to white formulas like sun care products. These Color Concentrates consist of pigments (titanium dioxide and iron oxides), dispersed at a high load. KoboGel™ PM has the pigments dispersed in a volatile hydrocarbon blend, for silicone-free formulas.

KoboGel™ PM

Pre-dispersed Color Concentrates in a Volatile Hydrocarbon Blend

KoboGel™ PM is available in 3 shades: Light, Medium and Dark

Use of these products:

- Aids in color matching
- Enriches formulas with a properly developed pigment phase
- Contributes to formula stability
- Provides shade color consistency from lot to lot

Pigment Loading 65-70%

INCI name:

Titanium Dioxide (And) Iron Oxides (CI 77491) (And) Iron Oxides (CI 77492) (And) Iron Oxides (CI 77499) (And) Isododecane (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate

Applications

- W/O Emulsions, Anhydrous Gels, Anhydrous Hot Pours

Suggested Use Level

- 0.1 - 50%



KoboGel™ PM
Light



KoboGel™ PM
Medium



KoboGel™ PM
Dark



KLF-285

Honey Dew BB Cream

Part 1

- MTMX80MZCM - Kobo Products: Zinc Oxide (And) Methyl Trimethicone (And) Dimethicone (And) PEG/PPG-18/18 Dimethicone (And) Hydrogen Dimethicone 14.00%
- PM1P70T7 - Kobo Products: Titanium Dioxide (And) Isohexadecane (And) Alumina (And) Hydrogen Dimethicone (And) Polyhydroxystearic Acid 4.00%
- KOBOGUARD® MQ60DM - Kobo Products: Trimethylsiloxysilicate (And) Dimethicone 3.00%

Part 2

- DOWSIL™ BY 25-337 - Dow Chemical: PEG/PPG-19/19 Dimethicone (and) C13-16 Isoparaffin (and) C10-13 Isoparaffin 6.00%
- Permethyl® 101A - Presperse: Isohexadecane 5.00%
- XIAMETER™ PMX-200 Silicone Fluid 50 cSt - Dow Chemical: Dimethicone 5.00%

Part 3

- KoboGel™ PM Medium - Kobo Products: Titanium Dioxide (And) Iron Oxides (CI 77491) (And) Iron Oxides (CI 77492) (And) Iron Oxides (CI 77499) (And) Isododecane (And) Isohexadecane (And) Lecithin (And) Polyhydroxystearic Acid (And) Ethylene/Propylene/Styrene Copolymer (And) Butylene/Ethylene/Styrene Copolymer (And) Isopropyl Titanium Triisostearate 10.00%

Part 4

- Versagel® MD1600 - Vantage: Isododecane (and) Ethylene/Propylene/Styrene Copolymer (and) Butylene/Ethylene/Styrene Copolymer 4.00%
- Bentone Gel® ISD V - Cosmotec: Isododecane (And) Distearidimonium Hectorite (And) Propylene Carbonate 2.00%

Part 5

- Deionized Water - Water 35.90%
- GLYCERIN U.S.P. F.C.C. 96% - Ruger Chemical: Glycerin 3.00%
- Butylene Glycol - Ruger Chemical: Butylene Glycol 2.00%
- Sodium Chloride - Morton Salt: Sodium Chloride 1.00%
- SymDiol® 68 - Symrise: 1,2-Hexanediol (And) Caprylyl Glycol 0.50%
- Symsave® H - Symrise: Hydroxyacetophenone 0.50%
- PROTACIDE Na3 EDTA™ - Protameen: Trisodium EDTA 0.10%
- CARESS® BN09 - Bent Tree/Kobo Products: Boron Nitride 4.00%

Manufacturing Procedure

1. Combine Part 1 and propeller mix until uniform.
2. Premix Part 2 and add to Part 1 under propeller mixing.
3. Add Part 3 to Parts 1 and 2 under propeller mixing.
4. Add Part 4 to batch under homogenization.
5. Premix Part 5 and slowly add to batch under homogenization.
6. Add Part 6 to batch under homogenization. Mix until uniform.

Description

This medium coverage BB cream leaves a dewy and fresh finish while protecting the skin from UV radiation. It features Kobo's **KoboGel™ PM Medium**, a pre-dispersed color concentrate in a volatile hydrocarbon blend. It provides the medium shade to the BB cream, and eases the manufacturing process. MTMX80MZCM and PM1P70T7 provide protection against UV radiation. KOBOGUARD® MQ60DM increases wear time by forming a light, yet strong film. CARESS® BN09 provides the soft feel, increases coverage, and contributes to the dewy finish.

Active Ingredients

- Zinc Oxide 10.98%
- Titanium Dioxide 2.21%

KOBO

USA

BRASIL

UK

FRANCE

ASIA PACIFIC