

# KoboTint

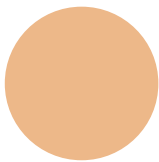
## Pre-Dispersed Color Concentrates



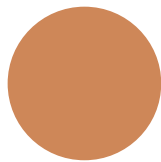
KOBOTINT is a new series of color concentrates focused on **Latin American diversity**.

It comes in five shades that can easily be added to the oil phase of formulas providing a **faster manufacturing process**, without the need for special equipment, allowing **more efficient** operation, **less waste** and avoiding color adjustments.

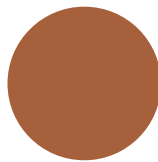
These color concentrates of Titanium Dioxide and Iron Oxides offer **high pigment load** (57-66%) and can be used in O/W, W/O and Anhydrous structures to provide low to high coverage, depending on the concentration. KOBOTINT also offers excellent **color consistency** lot to lot, avoiding the need for adjustments.



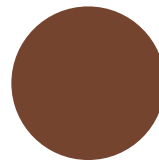
KOBOTINT 1



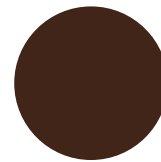
KOBOTINT 2



KOBOTINT 3



KOBOTINT 4



KOBOTINT 5

### INCI Name:

*Titanium Dioxide (CI 77891) (And) Iron Oxides (CI 77491) (And) Iron Oxides (CI 77492) (And) Iron Oxides (CI 77499) (And) Caprylic/Capric Triglyceride (And) Distearidimonium Hectorite (And) Isopropyl Titanium Triisostearate (And) 1,2-Hexanediol (And) Caprylyl Glycol*



KSL-532-BR - Natural Tinted Sunscreen Stick Series



KSL-533-BR - O/W SPF 30 Sunscreen Series

**KOBO**

USA

BRASIL

UK

FRANCE

ASIA PACIFIC



KSL-532C-BR

## Natural Tinted Sunscreen Stick 3

### Part 1

- EUTANOL G - BASF: *Octyldodecanol* 33.50%
- ZNO-750-ASGP6 - Kobo Products: *Zinc Oxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid* 20.00%
- CegeSoft® PS 6 - BASF: *Vegetable Oil* 7.00%
- SunBoost ATB Natural - Kobo Products: *Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol* 4.00%
- SALACOS® HS-6C - Ikeda: *Polyhydroxystearic Acid* 0.50%

### Part 2

- KOBOTINT 3 - Kobo Products: *Titanium Dioxide (CI 77891), Iron Oxides (CI 77491), Iron Oxides (CI 77492), Iron Oxides (CI 77499), Caprylic/Capric Triglyceride, Distearidimonium Hectorite, Isopropyl Titanium Triisostearate, 1,2-Hexanediol, Caprylyl Glycol* 8.00%

### Part 3

- Cera de Carnauba T3 - Fênix Ceras: *Carnauba Wax* 10.00%
- JOS10M5 - Kobo Products: *Simmondsia Chinensis (Jojoba) Seed Oil (And) Silica* 8.00%
- Cera de Candelila - Cosmotec: *Candelilla (Euphorbia Cerifera) Wax* 7.00%

### Part 4

- MSS-500/N - Kobo Products: *Silica* 2.00%

### Manufacturing Procedure

1. Heat 75-80°C and mix Part 1 until full filter dispersion.
2. Add Part 2 and mix until full pigments dispersion.
3. Add Part 3 and mix until waxes are melted.
4. Add Part 4 and mix.
5. Pour into containers at 70°C and leave to cool to RT.

### Description

This natural tinted sunscreen stick features KOBOTINT dispersion that offer good adhesion the skin as well as a creamy feel and full color development. ZnO-750-ASGP6, a Zinc Oxide powder with enhanced dispersibility, contributes to the broad spectrum UV protection combined with SunBoost ATB Natural used to boost the UV protection. SALACOS® HS-6C helps with sunscreen and pigment dispersion. JOS10M5 is a fumed silica gellant in Jojoba Oil. MSS-500/N enhances the spreadability of the formula due to its ball bearing effect.



KSL-533E-BR

## O/W SPF 30 Sunscreen 5

### Part 1

- Water - Aqua 37.09%
- Cellulose pasta 8% - Focus Quimica: *Cellulose* 5.33%
- Glicerina Bi-Destilada U.S.P. - Synth: *Glycerin* 1.50%

### Part 2

- ZNO-660-ASGP7 - Kobo Products: *Zinc Oxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid* 16.80%
- EUTANOL G - BASF: *Octyldodecanol* 10.00%
- KOBOTINT 5 - Kobo Products: *Titanium Dioxide (CI 77891), Iron Oxides (CI 77491), Iron Oxides (CI 77492), Iron Oxides (CI 77499), Caprylic/Capric Triglyceride, Distearidimonium Hectorite, Isopropyl Titanium Triisostearate, 1,2-Hexanediol, Caprylyl Glycol* 6.00%
- FLUIDIFEEL™ EASY - Evonik: *Lauryl Glucoside (and) Myristyl Glucoside (and) Polyglyceryl-6 Laurate* 4.00%
- SunBoost ATB Natural - Kobo Products: *Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol* 3.60%
- EMOGREEN™ L19 - Seppic: *C15-19 Alkane* 2.00%
- PolyAqual™-LW - DKSH: *Polyglyceryl-4 Laurate, Polyglyceryl-6 Laurate*
- TEGO® SML 20 - Evonik: *Polysorbate 20* 1.20%
- Lexgard® Natural - Inolex: *Glyceryl Caprylate (And) Glyceryl Undecylenate* 1.00%
- Plandool™-H - Nippon Fine Chemical: *Phytosteryl/Isostearyl/Cetyl/Stearyl/Behenyl Dimer Dilinoleate* 0.5%

### Part 3

- Water - Aqua 5.00%
- Goma Xantana - Ikeda/Kobo Products: *Agar (And) Xanthan Gum* 0.20%

### Part 4

- MSS-500W - Kobo Products: *Silica* 1.00%
- ASO-NJE2 - Kobo Products: *Aluminum Starch Octenylsuccinate (And) Jojoba Esters* 0.80%

### Manufacturing Procedure

1. Combine Part 1 and disperse cellulose using homogenizer
2. Combine Part 2 except KOBOTINT, and pre-homogenize using dispersor Ultra Turrax to disperse the filter. Then, add KOBOTINT and mix.
3. Add Part 2 to Part 1, using homogenizer.
4. Combine Part 3 and add to the mix
5. Add Part 4 and mix until homogeneous.

### Description

This sunscreen has a thin, light texture and a dark color. The SPF and PFA are due to ZNO-660-ASGP7, an ASGP-treated Zinc Oxide. The color is provided by KOBOTINT dispersion that offer good adhesion the skin as well as a creamy feel and full color development. SunBoost ATB contains a proprietary ratio of antioxidant, anti-irritant and antiinflammatory agents to help boost SPF and PFA. KOBOGUARD® NATURAL 2063-NDA is a film former of natural origin, that improves product wear. ASO-NJE2 is a modified starch treated with Jojoba Esters that imparts a smooth skin feel, and silica microsphere MSS-500W gives a matte finish with a non-tacky after feel. PLANDOOL™-H provide skin barrier moisture protection and water-proofing propertie.

**KOBO****KoboTint**

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