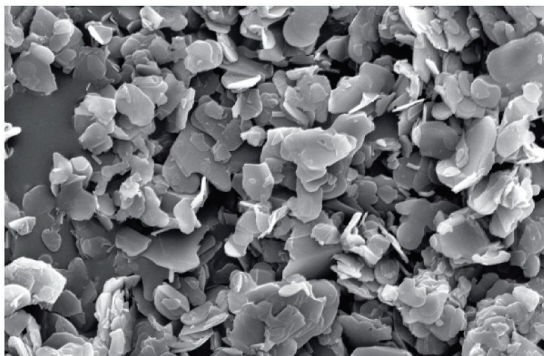


ESK BORONEIGE®

Boron Nitride

Hexagonal boron nitride is an inert, lubricous ceramic material, which forms thin platelets. BORONEIGE® Boron Nitride series offers a large range of opaque and translucent powders which provide cosmetic formulations with a very soft and silky touch, better adhesion to the skin and enhanced color effects. They improve the compressibility of pressed powders and can stabilize lipsticks. Surface treated BORONEIGE® are also available to help with ease of formulating while improving wear. Kobo Products represents ESK BORONEIGE® internationally.



SEM picture of BORONEIGE® 1501



Applications

- Foundations and liquid make up
- Cream to powder formulations
- Concealers
- Pressed/Loose Powders
- Pencils
- Mascara
- Lipsticks
- Skin Care

Available BORONEIGE® (as of February 2008)

- BORONEIGE® 301 (3 µm) - most opaque
- BORONEIGE® 601 (6 µm) - creamy feel
- BORONEIGE® 602 (6 µm) - enhanced feel
- BORONEIGE® 901 (9 µm) - sheer matte, increased slip
- BORONEIGE® 1201 (12 µm) - reflective, super soft
- BORONEIGE® 1501 (15 µm) - reflective, translucent, super soft
- All grades available with hydrophobic surface treatments

Wet / Dry Powder

KPP-013A

Part 1

- **Talc U-11S2** - Kobo Products: *Talc (and) Triethoxycaprylylsilane* 75.14%
- **BORONEIGE® 901** - ESK/Kobo Products: *Boron Nitride* 10.00%
- **BTD-11S2** - Kobo Products: *Titanium Dioxide (and) Triethoxycaprylylsilane* 7.00%
- **BYO-11S2** - Kobo Products: *Iron Oxides (C.I. 77492) (and) Triethoxycaprylylsilane* 1.55%
- **BRO-11S2** - Kobo Products: *Iron Oxides (C.I. 77491) (and) Triethoxycaprylylsilane* 0.90%
- **BBO-11S2** - Kobo Products: *Iron Oxides (C.I. 77499) (and) Triethoxycaprylylsilane* 0.20%
- *Propyl Paraben NF - International Sourcing:* 0.10%
- *Methyl Paraben NF - International Sourcing:* 0.10%

Part 2

- **ELEMENT14 PDMS 350** - Momentive/Kobo: *Dimethicone* 1.67%
- **SF96-20** - Momentive/Kobo: *Dimethicone* 1.67%
- **Lexol PG-865** - Inolex: *Propylene Glycol Dicaprylate/Dicaprate* 1.67%

Manufacturing Procedure

1. Blend Part 1 through pulverizer until color is fully developed.
2. Add Part 2 and blend well.
3. Add Part 3 and blend well.
4. Press at 250 psi.

Description

Powder foundation that can be used wet or dry, containing Boron Nitride and silane-treated talc.

Creamy Eye Shadow

KEY-010A

Part 1

- **Talc N/MM3** - Kobo Products: *Talc (and) Magnesium Myristate* 66.80%
- **BORONEIGE® 901** - ESK/Kobo Products: *Boron Nitride* 10.00%
- **BUP-12** - Kobo Products: *Ultramarine (and) Isopropyl Titanium Triisostearate* 17.00%
- *Propyl Paraben NF - International Sourcing:* 0.10%
- *Methyl Paraben NF - International Sourcing:* 0.10%

Part 2

- **ELEMENT14 PDMS 350** - Momentive/Kobo: *Dimethicone* 2.00%
- **SF96-20** - Momentive/Kobo: *Dimethicone* 2.00%
- **Lexol PG-865** - Inolex: *Propylene Glycol Dicaprylate/Dicaprate* 2.00%

Manufacturing Procedure

1. Blend Part 1 through pulverizer until color is fully developed.
2. Add Part 2 and blend well.
3. Pressed at 250 psi.

Description

Creamy feeling satiny eye shadow containing Boron Nitride and Magnesium Myristate treated talc.



ESK® a ceradyne company

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