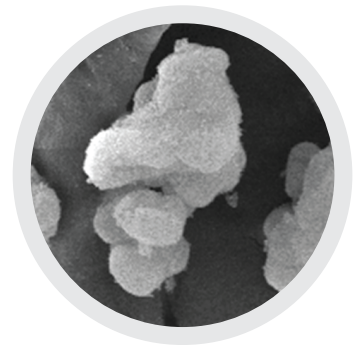


FLORITE PS-10 C-grade

Calcium Silicate Microsphere



FLORITE PS-10 C-grade

INCI Name: *Calcium Silicate*

Particle Size: 10 μm

Porosity: Highly Porous

Oil Absorption: 434 (g/100g)

Bulk Density (g/in³): 1.14

Refractive Index: 1.63

NI / NOI ISO 16128: 0/1

Advantages of FLORITE PS-10 C-grade

Oil Absorption & Mattifying

High absorption capacity up to 4.5 times its own weight. Delivers a lightweight, non-oily feel in emulsions. Helps control shine and keep skin looking fresh throughout the day.

Boosts Longwear

By absorbing excess sebum throughout the day, this ingredient enhances the longwear performance of the final formulation.

Enhanced Sensory Experience

Smooth, creamy feeling that improves application. Enhances payoff and texture in cosmetics.

Soft Focus Effect

Superior light diffusion for a blurred finish due to the high refractive index (1.63).

Eco-Conscious

Non-nano and natural origin material.

Formulation Guidelines

Typical Use Level: 1-40%.

Use in stick formulations to help prevent sweating, which will enhance stability.

FLORITE PS-10 C-grade will not be crushed when pressed or mixed: absorbed liquid will stay in the microsphere during processing.



KOBO

USA

BRASIL

UK

FRANCE

ASIA PACIFIC



KPW-029

Natural Post-Workout Neutralizing Powder

Part 1

- **GMS-ASG3** - Kobo Products: *Mica (And) Stearoyl Glutamic Acid* 91.20%
- **FLORITE PS-10 C-grade** - Tomita/Kobo Products: *Calcium Silicate* 5.00%
- **BYO-ASG3** - Kobo Products: *Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid* 0.80%

Part 2

- **SunBoost ATB Natural** - Kobo Products: *Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol* 3.00%

Manufacturing Procedure

1. Combine Part 1 and blend until uniform.
2. Add Part 2 to Part 1 and blend until uniform.

Description

This natural loose powder absorbs oil and provides antioxidant properties to the skin. It features Kobo's ASG treated filler, GMS-ASG3. The natural ASG treatment enhances skin affinity while providing a creamy touch. BYO-ASG3 provides a yellow tint to the formulation to neutralize skin redness after an intense workout. **FLORITE PS-10 C-grade** has a high oil absorption to soak up perspiration. SunBoost ATB Natural contains antioxidant, anti-irritant and anti-inflammatory agents, which nourish the skin and help reduce post-workout skin inflammation.



KSL-552A-EU

High Naturality Max Zinc Stick, Super Clear, Dry-Touch



Part 1

- **CCC65GZSG** - Kobo Products: *Zinc Oxide (And) Coco-Caprylate/Caprate (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid* 40.10%
- **Dub Infinite** - Stearinerie Dubois: *Stearinerie Dubois* 28.40%
- **SunBoost ATB** - Kobo Products: *Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol* 3.00%

Part 2

- **EXCEBEADS™ CS-725** - Tokuyama Corp./Kobo Products: *Silica* 8.00%
- **FLORITE PS-10 C-grade** - Kobo Products: *Calcium Silicate* 5.50%

Part 3

- **Sunflower Wax** - Koster Keunen: *Helianthus Annuus (Sunflower) Seed Wax* 6.50%
- **Dub PTB** - Stearinerie Dubois: *Pentaerythrityl Tetrahehenate* 3.50%
- **Kesterwax K82H** - Koster Keunen: *C20-40 Alkyl Stearate* 2.00%

Part 4

- **KOBOGUARD® NATURAL 3000P** - Kobo Products: *Glyceryl Hydrogenated Rosinate* 3.00%

Manufacturing Procedure

1. Mix Part 1 in a beaker.
2. Add Part 2 under stirring.
3. Add Part 3 and heat upto 85 °C to melt the waxes.
4. Add Part 4 and keep at 85 °C to melt.
5. Pour at 85 °C and cool at RT

Description

This simple and easy to produce sunscreen stick glides onto the skin to deposit maximum amount of ZnO with no white cast. This formula contains 24.46% (almost) the maximum allowed concentration of ZnO. The great transparency of the formula is thanks to the use of the milled dispersion CCC65GZSG. This dispersion is also specifically chosen for the dry touch effect. This is an NOI:1 dispersion with 61% active ZnO. Sunboost ATB Natural helps to boost the UV Protection. **KOBOGUARD® NATURAL 3000P** helps ensure an even deposition of the mineral filter on the skin. **EXCEBEADS™ CS-725** helps to imparts a smooth feel to the formula. **FLORITE PS-10 C-grade** gives a matte look and prevents sweating of the stick. Both powders are instrumental in achieving the targeted dry touch effect.