

TRÈS BN[®]

L'EAU BN[™] Water Dispersible Boron Nitride Powders for Skin Care



The latest addition to Saint-Gobain's TRÈS BN family of cosmetic boron nitride powders, L'EAU BN powders are surface treated, high purity powders, engineered to disperse well in water based formulations.

For years, TRÈS BN powders have offered formulators many solutions in cosmetic applications where talc, mica or bismuthoxychloride are undesirable or fall short on performance. Pure and white, with lamellar crystal structures similar to graphite, TRÈS BN powders are soft, lubricious, non-toxic and inert. Non-wetted by water, TRÈS BN has been a favorite for use primarily in non-aqueous color cosmetic applications such as powders, lipsticks and pencils.

L'EAU BN powders now open new possibilities by allowing formulators to use the same trusted product in a variety of aqueous based applications such as liquid make-up, skin care, moisturizers and wipes. The hydrophilic treatment allows L'EAU BN powders to mix immediately into water without heat, high shear mixing or the use of surfactants and dispersants.

Available in 2 grades - LEAU3002 and LEAU500, L'EAU BN provides solutions for skincare ranging from luminous to opaque effects.

| Typical Properties | LEAU3002 | LEAU500 |
|----------------------------------|---|---|
| Boron Nitride (%) | 97 | 97 |
| Dimethicone (%) | 3 | 3 |
| Tap Density (g/cc) | 0.2 | 0.3 |
| Avg. Particle Size (um) | 2 | 6 |
| Surface Area (m ² /g) | 15 | 7 |
| Appearance and Texture | Subtle opacity with superior soft focus | Subtle luminosity with superior lubricity |

Trade Information

| | |
|--------------------------------|-----------------------|
| Trade Name | L'EAU BN [™] |
| INCI Names | CAS No's. |
| Boron Nitride | 10043-11-5 |
| PEG-8 Methyl Ether Dimethicone | 68938-54-5 |
| REACH Ref. No. | 01-2119947399-20-0003 |

Features / Benefits

- Lamellar crystal structure improves texture
- Soft and lubricious for superior spreading and skin feel
- Hydrophilic surface
- Easy to disperse in water phase

Key Applications

- Foundation and liquid makeup
- Face cream
- Body lotions
- Sunscreen and moisturizers
- Wipes

Visit us at www.TRESBN.com for MSDS and further information.

L'EAU BN[™] is a trademark of Saint-Gobain Ceramic Materials
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