

## Boron Nitride & Sericite

### Specification Sheet

**Description:** Boron nitride is a naturally occurring mineral made of boron and nitrogen. It has been treated with Sericite, a form of mica, to provide the mineral better spreadability, slip and coverage. Composition: Boron nitride 10%, sericite 90%. Median particle size 11.6 microns. Insoluble but miscible in water.

**CAS:** 12001-26-2, 10043-11-5

**INCI Name:** Mica, boron nitride

**Benefits:**

- Excellent texturizer in various face powders providing great slip and superior adherence to the skin
- Enhances the spreadability and provides better coverage and wearability
- Helps minimize the appearance of fine lines, wrinkles, and blemishes
- Imparts a matte look and superb soft focus properties
- Can replace talc in formulas

**Use:** Add as is to formula. Typical use level is 0.5 - 25% depending on formula. For external use only.

**Applications:** Face powders, eye shadow, blush, foundations.

**Country of Origin:** USA

**Raw material source:** Boron trioxide, boric acid, urea, sericite

**Manufacture:** Boron nitride is produced synthetically. Hexagonal boron nitride is obtained by the reacting boron trioxide or boric acid with urea in a nitrogen atmosphere. Boron nitride is then treated with sericite.

**Animal Testing:** Not animal tested

**GMO:** GMO-free

**Vegan:** Does not contain animal-derived components