

## PRODUCT DATA SHEET:

### Surface Treatments



Life Sciences

#### Dimethicone Treated Titanium Dioxide ST1944

**ST1944 Dimethicone Treated Titanium Dioxide:** Treating Titanium Dioxide with Dimethicone adds many benefits to cosmetic and skin care products. Using Dimethicone coated powders for both anhydrous and emulsion systems provides numerous benefits for improving cosmetic formulations. The primary benefits are: high water repellency, soft feel and lubricity on skin, better adhesion, higher compressibility and spreadability.

**BSI Code:** ST1944

**INCI:** Titanium Dioxide (and) Dimethicone

**Components:** Titanium Dioxide - 98.50%  
Dimethylpolysiloxane - 1.50%

**C.A.S. Number:** 13463-67-7  
9006-65-9

**Applications:**

- Skin Care
- Powder Cosmetics
- Liquid Make-up

#### TYPICAL PROPERTIES

Median Particle Size (micron)	1.9
Pb - Lead (max ppm)	20
As - Arsenic (max ppm)	3
Hg - Mercury (max ppm)	1
Loss on Dry (max %)	1.0
Hydrophobicity	Positive

**Note:** Heavy Metal values are determined from the substrate.

**Microbial Limits:** Combined count of less than 500 microorganisms per gram and the absence of gram negative bacteria.

**Storage:** Store in cool location, keep away from heat and direct sunlight. Keep container sealed.

**Handling Precautions:** Please refer to the ST1905 Safety Data Sheet.

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**Brenntag Specialties, LLC / 1 Cragwood Rd, Suite 302, South Plainfield, NJ 07080 / 800.732.0562**