

## PRODUCT DATA SHEET:

### Surface Treatments



Life Sciences

#### Methicone Treated Titanium Dioxide ST1144

**ST1144 Methicone Treated Titanium Dioxide:** Treating titanium dioxide with methicone provides the added benefits of water repellency, better adhesion, and improved payoff. The coating of methicone also improves the titanium dioxide's dispersibility into silicones and other oils.

**BSI Code:** ST1144

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

**Components:** Titanium Dioxide - 98.0%  
Methylhydrogen Siloxane - 2.0%

**C.A.S. Number:** 13463-67-7  
63148-57-2

#### Applications:

- Lipsticks
- Eye Shadows
- Face Powders
- Skim Care

#### TYPICAL PROPERTIES

Median Particle Size (micron)	0.7
Color / Appearance	Matches Standard
Pb - Lead (max ppm)	20
As - Arsenic (max ppm)	3
Hg - Mercury (max ppm)	1
Loss on Dry (max %)	5.0
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 ST1144 Safety Data Sheet.

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