

PRODUCT DATA SHEET:

Surface Treatments



Life Sciences

Lauroyl Lysine Titanium Dioxide ST1441

ST1441 Lauroyl Lysine Treated Titanium Dioxide: Titanium Dioxide is widely used in cosmetics to give an opaque appearance. Treating Titanium Dioxide with Lauroyl Lysine provides the added benefits of good lubricity, smooth spreading, excellent adhesion and helps prevent agglomeration. Lauroyl Lysine does not irritate the skin or cause skin sensitization or photosensitization.

BSI Code: ST1441

INCI: Titanium Dioxide (and) Lauroyl Lysine

Components: Titanium Dioxide - 92.50%
Lauroyl Lysine - 7.50%

C.A.S. Number: 13463-67-7
52315-75-0

Applications:

- Skin Care
- Powder Cosmetics
- Liquid Make-up

TYPICAL PROPERTIES

Pb - Lead (max ppm)	10
As - Arsenic (max ppm)	1
Hg - Mercury (max ppm)	1
Moisture (max % - 105 ^o for 3 hrs)	3.0
Color	Matches Standard

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 ST1441 Safety Data Sheet.

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