

PRODUCT DATA SHEET:

Surface Treatments



Life Sciences

Dimethicone Treated Synthetic Mica ST1904

ST1904 Dimethicone Treated Synthetic Mica: Treating Synthetic Mica 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: ST1904

INCI: Synthetic Fluorophlogopite (and) Dimethicone

Components: Synthetic Mica - 90.00%
Dimethylpolysiloxane - 10.00%

C.A.S. Number: 12001-26-2
9006-65-9

Applications:

- Face Powders
- Eye Shadow
- Lip Products
- Liquid Make-up
- Skin Care

TYPICAL PROPERTIES

Pb - Lead (max ppm)	10
As - Arsenic (max ppm)	3
Hg - Mercury (max ppm)	1
Loss on Dry (max %)	2.0
% Thru 325 Mesh	90.0
% Thru 120 Mesh	99.0 - 100
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 ST1904 Safety Data Sheet.

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