

**PRODUCT DATA SHEET:**  
**Surface Treatments**



Life Sciences

**Calcium Silk ST1870**

**ST1870 Calcium Silk:** Capryloyl Lysine treatment on Calcium Carbonate provides excellent adherence to skin that provides long more lubricious look that increases brightness and opacity.

Formulation Benefits:

Touch to Skin	Smooth Spreadability	Adhesion	Emolliency	Silkiness	Moisturization	Lubricity	Skin Feel
Light, Extremely Soft	Excellent	Good-Excellent	Good	Excellent	Good	High	Light, Silky cushion with nice glide

**BSI Code:** ST1870

**INCI:** Calcium Carbonate (and) Capryloyl Lysine

**Components:** Calcium Carbonate - 92.50%  
Capryloyl Lysine - 7.50%

**C.A.S. Number:** 471-34-1  
23735-96-8

**Applications:**

- Eye Shadow - Silky Cushion
- Face Powder - Silky Cushion
- Lip Products - Nice Glide Ingredient
- Foundations - Excellent Adhesion

**TYPICAL PROPERTIES**

Median Particle Size (micron)	8.78
Pb - Lead (max ppm)	10
As - Arsenic (max ppm)	3
Hg - Mercury (max ppm)	1
Loss on Dry (max %)	3

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

Our Calcium Carbonate is produced under controlled, clean manufacturing conditions to reduce waste and the carbon footprint. The carbonates are also produced with a consistent particle size distribution and different particle sizes are available to meet the needs of the formulator.

**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 ST1870 Safety Data Sheet.

**MOQ:** 50 # Box

**Package Size:** 50 # Box

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