

PRODUCT DATA SHEET:

Silk Powder - Cosmetic Grade



Life Sciences

Silk Powder - Cosmetic Grade - Silk Powder 8205

Silk Powder 8205 - consists of fibroin protein and has a special characteristic. Silk retains 13 percent water in itself. This amount is equal to the necessary quantity which humans should maintain for a healthy skin condition.

Silk powder has been utilized for powder make-up products, such as pressed powder, eye shadow, etc. In pressed powder, most of the finished products contain silk powder ranging from 3 - 20%. The feel varies, of course based on the amount of silk powder accordingly. On the other hand, the structure of the silk fibroin might be able to prevent the powdery products from aggregating and hardening. Finished products containing silk powder always stay soft and powdery. Because of its water-retaining function, silk powder imparts moisturizing touch on skin. The use of silk powder in a powder formulation, imparts a "Soft Focus" effect.

Silk Powder 8205 has been developed for powder make-up products by applying the above mentioned properties.

BSI Code: 8205

INCI: Silk

C.A.S. Number: 9009-99-9

Applications:

- Lotions
- Creams
- Powders
- Serums

TYPICAL PROPERTIES

Appearance	Ivory to Slight Grayish Powder
Odor	Faint Pleasant
Particle Size (micron)	73.0 (200 Mesh)
Protein (min %)	99.0
Ash (max %)	1.5
Heavy Metal as Pb (max ppm)	10
As - Arsenic (max ppm)	2
Loss on Drying (max %)	8.0
Microbial Count	< 100 c/g
pH (10% water Suspension)	4.5 - 7.5

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

Handling Precautions: Please refer to the Silk Powder 8205 Safety Data Sheet.

While the data presented in this information sheet reflects the present state of our knowledge and is believed to be accurate and reliable, it is provided without liability as a courtesy only and is to be used and relied upon at the reader's sole risk. Readers should make their own determination as to the suitability of any product for a particular use. We recommend that readers conduct their own product trials before using any particular product. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties rights. The recommendations contained herein do not constitute a warranty, either express or implied, as to the fitness or suitability of any product for a particular purpose. For more information and assistance, please contact Technical Services at BSL_regulatory_dept@brenntag.com

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