

TECHNICAL DATA SHEET
Flamenco® Ultra Silk 2500

Chemical structure: Platelets of mica coated with titanium dioxide
Physical form: An off white, free-flowing powder with a pearly reflection
Odor: No discernable odor
Color Additive Components: (*) Mica (CI 77019), Titanium Dioxide (CI 77891)

***Color Additive Regulatory Compliance**

U.S. FDA CFR 21 - Compliant

EU (EC) N° 1223/2009, Annex IV - Compliant, TiO₂ meets E-171 requirements

Japan – Compliant (all components in this product are regulated as cosmetic ingredients)

China Safety and Technical Standards for Cosmetics 2015 – Compliant

(*) The color additive components in this product meet with applicable US FDA (21 CFR), China's Cosmetic Safety and Technical Standard (2015 version), and EU Cosmetic Regulation EC/1223/2009 specifications and purity criteria. We recommend that appropriate use be confirmed against each region's current cosmetic regulations.

INCI NOMENCLATURE: Mica (and) Titanium Dioxide

COMPOSITION:

The composition ranges provided below are provided to serve as a general guide. Please refer to the specification or certificate of analysis.

Components	%	CAS	EINECS	CI
Mica	61 – 67	12001-26-2	310-127-6	77019
Titanium Dioxide	33 – 39	13463-67-7	236-675-5	77891

SPECIFICATIONS

As:	1 ppm max	Cd:	1 ppm max	Co:	10 ppm max	Cr:	60 ppm max	Cu:	50 ppm max
Hg:	1 ppm max	Ni:	40 ppm max	Pb:	10 ppm max	Sb:	2 ppm max	Se:	10 ppm max
Zn:	100 ppm max								

pH value:	7.0 – 11.0 (4% aqueous suspension)
Microbiological Specifications:	<p>≤ 100 CFU/g Total Aerobic Bacteria</p> <p>≤ 100 CFU/g Yeast & Mold combined</p> <p>Absence of Gram-negative bacteria in 10g</p> <p>Absence of E. coli in 10g</p> <p>Absence of P. aeruginosa in 10g</p> <p>Absence of S. aureus in 10g</p>

"Although the data supplied above are believed to be correct, the data are presented without any representation or warranty concerning the suitability, performance or correctness of the product for a particular application or use. Significant variations can occur between test results and results obtained in actual use. We strongly advise that before purchase the buyer test the product in the specific intended application under conditions expected during use. Suggestions made by Sun Chemical Corporation are our opinion only and there is no warranty of the results to be obtained."

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TYPICAL PROPERTIES:

Physical Form & Appearance:	White pearl - dry powder
Particle Size Range (D10-D90): *	4 – 20 µm
Density (Kg/L):	3.3
Bulk Density (g/100cm ³):	14
Solubility in water:	Insoluble

(*) The particle size results will vary depending on the light scattering instrument used. Values listed are typical results using a Malvern Mastersizer.

SHELF LIFE:

This product has a storage stability of at least ten years from date of manufacture, provided it is stored in unopened original containers, protected from light, and under normal conditions of temperature and humidity.

USE RESTRICTIONS:

Flamenco Ultra Silk 2500 is approved for use in the United States in all cosmetic products INCLUDING the area of the eye, and can be used in cosmetic products in Europe, China, ASEAN, Brazil, and Japan.

COUNTRY OF ORIGIN: USA – made from mica mined in the USA

REACH INFORMATION:

- | | | |
|--------------------|-------------------|---------------------------------------------|
| • Mica | (CAS: 12001-26-2) | Exempted – Annex V (mineral) |
| • Titanium dioxide | (CAS: 13463-67-7) | REACH registration number: 01-2119489379-17 |

Product category "PC 39 – Cosmetics, personal care products" is included in the registration dossier.

GENERAL INFORMATION:

Please refer to the Safety Data Sheet for the global inventory status of this product
For regulatory information, please refer to the Information Sheet Product Safety (ISP).

Revision: 1/31/22

Supersedes: N/A

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