

Technical Data Sheet

series consist of synthetic mica(Fluorophlogopite) coated metal oxide like TiO₂ and Fe₂O₃. Through high precision of process, synthetic mica is the perfect substrate for pearl pigments with higher purity and weather resistance and won't get gray and yellowish under high temperature calcination. So, comparing with nature mica based pearl pigments, Crystal pearl pigments have wonderful properties with better whiteness and luster, better chroma and color clearness, less back spot and easy application. pearl pigments create a attractive crystal impact for cosmetic industry.

1. Product Identification			
Code	Apperance	Color	Application
Pearl white	Dry Powder	Pearl White	Cosmetics/Personal Care
Partical Size	PH	Density	Oil absorption
200-1000µm	7.0-11.0	2.8-3.4 g/cm ³	70-90 g/100g

2. Regulation Conformity					
EU	USA	CHINA	JPN	AUS	KOR
✓	✓	✓	✓	✓	✓

Notes:

EU, Europe – European Cosmetic Regulation 1223/2009

USA - FDA Code of Federal Regulations (CFR) Title 21

CHN, China – Hygienic Standard for Cosmetics, July 2007

JPN, Japan – Ministry of Health, Labor and Welfare Ordinance No 126 of July 29, 2003. QD (JSQI) regulation NOT applicable

AUS, Australia – Industrial Chemicals (Notification & Assessment) Act 1998 and Cosmetic Standards 2007
KOR, Korea – Korean Cosmetic Products Act (KPCA), 2000

3. Heavy Metal					
Pb	Sb	As	Cd	Hg	Ni
<1.5 ppm	<1.3 ppm	<2.0 ppm	<0.2 ppm	<0.2 ppm	<5.0 ppm
Test refer to regulations and Method: <ol style="list-style-type: none"> German Health Authority BGA(Recommendation from German Health Journal No.28 July 1985) Test Method: SGS in house method(<i>SHTC-CHEM-SOP-169-T</i>), performed by ICP-MS German Health Journal No.7/1992 Test Method: Extracted in 0.07mol/L HCL at 37℃, performed by ICP-OES Us California Proposition 65 Test Method: CPSC-CH-E1002-08.3 performed by ICP-MS US FDA 21 CFR. 700.13 Test Method: in house method, performed by ICP-MS/ICP-OES 					

4. Ingredient & Composition

Name	E No.	CAS No.	EC No.	CI No.	Weight
Potassium Aluminium Silicate	E555	12001-26-2	N/A	77019	86.3-87.5%
Titanium dioxide	E171	13463-67-7	236-675-5	77891	12.5-13.7%

5. Microbial

Total Viable Aerobic Count	< 100CFU/g
E.coli	Absent in 1g
Pseudomonas aeruginosa	Absent in 1g
Staphylococcus aureus	Absent in 1g
Salmonella species	Absent in 1g
Gram negative bacteria	Absent in 1g
Candida albicans	Absent in 1g

Quality Management Systems

operates under Quality and Environmental Management Systems which are independently certified as meeting the requirements of ISO9001 and ISO14001

Certificate: ✓

HALAL

Statement:

Kosher

Statement: ✓

GMO

does not contain any materials from any sources of GMO crops.

Statement: ✓

CMR

do not contain any ingredients that are listed as Carcinogenic, Mutagenic or Toxic to Reproduction according to Annex VI of the CLP Regulation, registered under REACH (EC) 1907/2006 and/or notified under CLP (EC) 1272/2008. Statement: ✓

Child Labour / Human Rights

The Company is committed to the prevention of any violation of established Human Rights of any kind, particularly where child labour or undesirable forced acts are involved. The Company is committed to and encourages collaboration with organisations that support Fair Trade and operate non-exploitative employment practices in their own businesses and supply chains throughout the world.

Statement: ✓

Product Origin/Vegetarians and Vegans/BSE

manufactured entirely from mineral materials and do not contain any animal derivatives. Therefore there



are no associated risks from the Transmissible Spongiform Encephalopathies family of diseases, the most commonly known of these being Bovine Spongiform Encephalopathy (BSE).

Statement: ✓

Allergens

do not contain any of the 16 common food allergens

Statement: ✓

Animal Testing

Products manufactured for the cosmetics range are not tested on animals, nor are third parties contracted to undertake any animal testing.

Statement: ✓

Nano Particles

Regarding the definition of the regulation 1223/2009 and French decree 2012-232. There are no Nano Materials used in the manufacture of the range of pearls supplied , nor are any Nano materials intentionally added to any of our pearls. Statement:

✓

Asbestos

not produced from asbestos or asbestos containing materials. We are not aware of any potential for asbestos or asbestos containing materials to contaminate the product in the production operation or in the raw material supply chain.

- Package** : 25kg in Fiber Drum
- Storage** : Stored in a cool, dry and ventilated place. Keep away from ignition sources,
- Shelf Life** : 24 months from manufacture date in originally sealed containers