

Technical Data Sheet

Glow in the dark pigment is a kind of light energy storage powder which can glow in the dark after absorbing different visible light under 450 nm and can be reused for many times. The product is non-radioactive, non-toxic and can be mixed as additive with the transparent media, it can enable the media to glow in the dark.

1. Product Identification			
Code	Apperance	Color	Application
Noctilucent powder	Dry Powder	colorful	Multi applications
Partical Size	Deccomposition Point	Density	PH Value
20-25µm	> 200°C	3.0g/cm ³	7-8

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	Ba	Cd	Cr	Hg	Cu	Ni	Zn
<1 ppm	<1 ppm	<2 ppm	<5 ppm	<3 ppm	<1 ppm	<1 ppm	<5 ppm	<1 ppm	<5 ppm

4. Ingredient Information					
Name	INCI Name	CAS No.	EC No.	CI No.	Weight
DIATOMACEOUS EARTH	DIATOMACEOUS EARTH	61790-53-2	231-545-4	N/A	45.0-50.0%
ALUMINIUM OXIDE	ALUMINA	1344-28-1	215-691-6	N/A	35.0-40.0%
MAGNESIUM ALUMINUM SILICATE	ARGILLA	12199-37-0	235-374-6	N/A	5-8%
ZINC OXIDE	ZINC OXIDE	1314-13-2	215-222-5	N/A	6-10%
Colorants	Colorants	/	/	N/A	<0.1%

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 10g
Gram negative bacteria	Absent in 1g
Candida albicans	Absent in 1g

Quality Management Systems

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

Certificate: ✓

GMO

Glow in the dark pigment does not contain any materials from any sources of GMO crops.

Statement: ✓

CMR

Glow in the dark pigment 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

Glow in the dark pigment are 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

Glow in the dark pigment 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 by Castro Composites, nor are any Nano materials intentionally added to any of our pearls.

Statement: ✓

Asbestos

Glow in the dark pigment are 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 Paper Bag

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

*This document is valid until the end of year 2022 unless otherwise modified and announced within this period.
The old version will be automatically invalid with the release of this version*