

### Cosmetic Bio-glitter® Silver Sparkle - TDS

Cosmetic Bio-glitter® consists of precision cut highly reflective particles of biodegradable film and is available in a wide range of colours and sizes. It is suited to dry, water-based and oil-based applications and has undergone an independent cosmetic product safety assessment.

Weight	INCI Name	Alternative Name	CAS No.	EC List No.	CI No.	Origin
c.72.0%	Rayon	Cellulose Regenerated	68442-85-3	270-493-7	N/A	V
c.11.0%	Glycerin (plant derived)		56-81-5	200-289-5	N/A	V
c.6.0%	Aqua		7732-18-5	231-791-2	N/A	MI
c.3.0%	Urea		57-13-6	200-315-5	N/A	MS
Max. 8.0%	Styrene/Acrylates Copolymer		9010-92-8	618-461-7	N/A	MS
Max. 0.1%	CI 77000	Aluminium	7429-90-5	231-072-3	77000	MI

Where required the pigments used are tested and certified for use by the FDA

V - Vegetable  
MI - Mineral  
MS - Mineral Synthetic

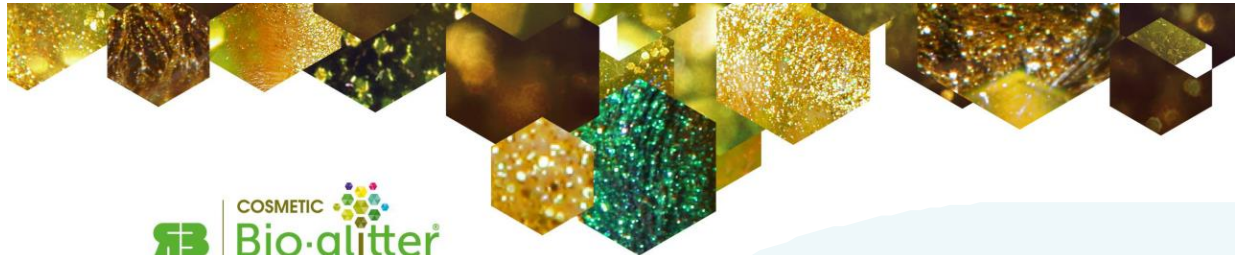
Properties	Specific Gravity	Temperature Stability
Value	c.1.45	< 120°C

Microbiological Testing	Bacteria	Moulds
Total Viable Count (TVC)	< 100	< 100

Microbial growth is unlikely following production with appropriate storage in a dry environment. Batches are tested at random for TVC

Heavy Metals using ICP-MS	As	Sb	Pb	Cd	Hg	Ni	Cr	Sr	Ba	Co	Mo	Cu	Se	Zn	Sn	Te	Tl	F
Total mg/kg (ppm)	< 0.5	< 0.5	< 2	< 0.1	< 0.1	< 5	< 1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Individual batches are not tested for Heavy Metals but the Cosmetic Bio-glitter® 83xx/xxxH.FDA range supplied by Ronald Britton Ltd is produced using pigments that have been certified for use in cosmetics according to the FDA Code of Federal Regulations (CFR) Title 21. Where required, each batch of pigment has been tested and certified by the FDA for use.



### Cosmetic Bio-glitter® Product Range

Product Code	Product Description	Cosmetic Approval						Size (‘xxx’ of product code)					
		EU	USA	CHN	JPN	AUS	KOR	004 (100µm)	006 (150µm)	008 (200µm)	015 (375µm)	040 (1mm)	094 (2.4mm)
8301/xxxH.FDA	Cosmetic Bio-glitter® Silver 8301	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	✓	⌚	✓	⌚	⌚	⌚

**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

- FDA cosmetic regulations NOT suitable for use on lips (lipstick and lip gloss). Contains Aluminium

**ADDITIONAL INFORMATION**

Given the many possible uses and formulations incorporating glitters, it is the responsibility of the buyer to test performance in application before final use.



## DECLARATIONS

### Quality Management Systems

Ronald Britton operates under Quality and Environmental Management Systems which are independently certified as meeting the requirements of ISO9001:2015 and ISO14001:2015.

### Biodegradation

The Bio-glitter® range supplied by Ronald Britton Ltd is produced from a regenerated cellulose base film which is:

- Certified to EN13432 and ASTM D6400 Standards for industrial compostability
- OK Compost Home certified
- Marine and waste water biodegradable to ASTM D7081-05
- Produced from renewable raw materials, in responsibly managed forests certified to FSC™ and PEFC™ Standards

### GMO

No genetically modified materials are used in the production of Ronald Britton glitters. Based on information from our suppliers, none of the raw materials used to formulate Ronald Britton glitters are obtained from or contain GMO's.

### REACH

Ronald Britton Cosmetic Glitters are defined as a finished article and therefore do not require registration under REACH.

Article 3(3) of Reach regulations states - "article: means an object which during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition". Glitter clearly has a definite shape, surface and design given during the manufacturing process which determine its end use rather than its chemical composition.

We can confirm that Ronald Britton Cosmetic Glitters do not contain any SVHC's (Substances of Very High Concern) as defined under REACH regulations.

### CMR

The glitter products supplied by Ronald Britton Ltd do not contain any ingredients 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.

### Parabens, Phthalates, Phosphonates

Ronald Britton glitter products do not intentionally contain parabens, phthalates or phosphonates. To the best of our knowledge none of the raw material used in the manufacture of the individual ingredients used to make Ronald Britton Glitters contain these chemicals.

### Child Labour / Human Rights

Ronald Britton Ltd is a UK based business with annual turnover of less than £36m and as such is not required to publish a slavery and human trafficking statement under the Modern Slavery Act 2015 Section 54(1).

Nevertheless, Ronald Britton Ltd recognises the adverse effect on human rights of slavery and human trafficking and is committed to ensuring none of these practices exist in our supply chains or in any part of our business, sister business Brian Clegg Ltd or Colorlord Ltd group.

### Product Origin/Vegetarians and Vegans/BSE

The glitter products supplied by Ronald Britton Ltd are manufactured entirely from synthetic or plant derived materials and are therefore free from any raw materials or substances derived from animal origin. The products are therefore considered safe regarding the Transmissible Spongiform Encephalopathies family of diseases, the most commonly known of these being Bovine Spongiform Encephalopathy (BSE).

### Allergens

Ronald Britton Glitters do not contain any of the 14 common food allergens ie:

- Eggs
- Peanuts
- Milk
- Sesame seeds
- Cereals containing gluten, wheat, rye, barley, oats, spelt or Khorasan wheat etc.
- Nuts, almonds, hazelnuts, walnuts, cashews, pecan nuts, Brazil nuts, pistachio nuts, macadamia (Queensland) nuts etc.
- Fish
- Soybeans
- Mustard
- Lupin
- Crustaceans, prawns, crabs, lobster, crayfish etc.
- Sulphur dioxide (>10mg/kg or 10mg/L)
- Celery (including celeriac)
- Mollusc, clams, mussels, whelks, oysters, snails and squid etc.

### Animal Testing

Ronald Britton Ltd supplies a range of glitter products into the cosmetics industry worldwide. Products manufactured for the RB Cosmetic Glitter range are not tested on animals, nor are third parties contracted to undertake any animal testing.

### Nano Particles

Regarding the definition of Cosmetic Regulation (EC) No.1223/2009 and French Decree 2012-232, no nano materials are used in the manufacture of the glitter products supplied by Ronald Britton, nor are nano materials intentionally added to any of our glitter products.

### Asbestos

Ronald Britton glitters 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.

### Shelf Life

Bio-glitter® as supplied in its natural state has an indefinite shelf life providing that it is stored in a dry, dark, cool environment out of direct sunlight and away from any direct heat sources and not exposed to microorganisms.