


## Deco Bioglitter™ SPARKLE GC 81XXGC/xxxH Range Product Information Sheet

Deco Bioglitter™ SPARKLE GC consists of precision cut highly reflective specialised regenerated cellulose film coated with natural resin. Deco Bioglitter™ SPARKLE GC is **OK biodegradable WATER** certified by TÜV Austria. It is available in a range of colours and sizes and is suited to dry, water-based, solvent-based and oil-based applications in a range of industries. This information sheet covers all colours.

ECOLOGICAL CREDENTIALS	
<b>Biodegradability</b>	<p><b>Certified OK biodegradable WATER</b>  <a href="https://www.tuv-at.be/green-marks/certified-products/">https://www.tuv-at.be/green-marks/certified-products/</a></p> 
<b>Environmental Safety</b>	<p><b>Not ecotoxic to fish or other aquatic life</b>  <i>(Ecotoxicity in aquatic environments is part of the OK biodegradable WATER certification process)</i></p>

### Product Range

Product Code	Deco Bioglitter™	Size (xxx)			
		006	008	015	040
8101GC/xxxH	SPARKLE GC Silver	✓	✓	✓	✓
8102GC/xxxH	SPARKLE GC Champagne Gold	✓	✓	✓	✓
8103GC/xxxH	SPARKLE GC Light Gold	✓	✓	✓	✓
8130GC/xxxH	SPARKLE GC Penny Copper	✓	✓	✓	✓
8110GC/xxxH	SPARKLE GC Fire Red	✓	✓	✓	✓
8127GC/xxxH	SPARKLE GC Pink	✓	✓	✓	✓
8125GC/xxxH	SPARKLE GC Sky Blue	✓	✓	✓	✓
8151GC/xxxH	SPARKLE GC Turquoise	✓	✓	✓	✓
8120GC/xxxH	SPARKLE GC Emerald Green	✓	✓	✓	✓
8136GC/xxxH	SPARKLE GC Black	✓	✓	✓	

## Size & Shape:

All Bioglitter™ products are cut to hexagonal (Hex) shape. Size conversion table:

<b>.006"</b>	<b>.008"</b>	<b>.015"</b>	<b>.040"</b>
150µm	200µm	375µm	1mm

## Physical and Chemical Properties

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

Media Type	Water Based	Alcohol Based	Oil Based	Solvent Based
Compatibility – Mix and Use*	Good	Good	Good	Good

\*We recommend "Mix and Use" applications for Deco Bioglitter™ SPARKLE GC. For longer term compatibility, please test in final application

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.

## Toy Safety

Deco Bioglitter™ SPARKLE GC satisfies the requirements of:

- EN71-1 2014 Safety of Toys: Mechanical and physical properties
- EN71-2 2011 + A1:2014 Safety of Toys: Flammability
- EN71-3 2013 + A1:2019 Safety of Toys: Migration of certain elements

## OEKO-TEX® and GOTS

Based on testing conducted and the low levels of impurities contained therein, we fully expect Deco Bioglitter™ SPARKLE GC to meet the requirements of OEKO-TEX® and GOTS.

## Shelf Life

Bioglitter™ 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. However, for good manufacturing practice we would recommend to use the product within 3 years to ensure optimum condition.

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