

*The German  
spirit of quality  
since 1854*



Distributed By –  
**UMC Ingredients**  
160 Chubb Ave., Ste. 206  
Lyndhurst, NJ 07071  
(201) 896-8666



THE WORLD'S  
FIRST CERTIFIED  
FRESH WATER  
BIODEGRADABLE  
GLITTER BRAND

DECO  **Bio-glitter**®

The logo for DECO Bio-glitter features the word 'DECO' in a blue, sans-serif font. To its right is a cluster of colorful, geometric shapes (hexagons and pentagons) in shades of purple, yellow, green, and blue. Below this is the word 'Bio-glitter' in a large, bold, green, sans-serif font, with a registered trademark symbol (®) at the end.



## Deco Bioglitter® SPARKLE METALLIC EFFECT GLITTERS

Deco Bioglitter® SPARKLE products are **TECHNICAL** grade glitter for use in printing, coating, decorative effects, horticultural and other non cosmetic applications. They represents a new eco-friendly innovation in decorative coating and printing effect pigments.

These bright metallic effect glitters are indistinguishable from traditional plastic metallic glitter. Deco Bioglitter® SPARKLE products, like all Bioglitter® products, are based on natural material and has been developed to biodegrade in the natural environment.

## Deco Bioglitter® PURE OPALESCENT, IRIDESCENT & OPAQUE GLITTER – ALUMINUM FREE GLITTER REINVENTED

Deco Bioglitter® PURE products are **TECHNICAL** grade glitter for use in printing, coating, decorative effects, horticultural and other non cosmetic applications.

Due to the physical properties and chemistry of the raw materials used in Bioglitter® it is not possible to re-create the structure of a traditional plastic iridescent glitter. Therefore, we have had to take a completely different approach. Our soft focus natural color range was our first offering in this novel type of glitter. 'Opal', a mother of pearl effect and 'Vivid', a strong metallic effect.

## Deco Bioglitter® HOLO HOLOGRAPHIC EFFECT GLITTERS

Deco Bioglitter® HOLO products are **TECHNICAL** grade glitter for use in printing, coating, decorative effects, horticultural and other non cosmetic applications.

Deco Bioglitter® HOLO products exhibit a spectacular rainbow effect, created by separating light into its individual component parts. Each glitter particle acts as little prism splitting light into a rainbow.

## ECO CREDENTIALS

- TÜV Austria, 'OK biodegradable WATER' Certified
- Biodegrades quickly and safely in the natural environment
- Derived from natural materials
- Ethically and sustainably sourced raw materials

## PRODUCT SAFETY

- Low Heavy metal content
- EN71 European Toy Regulations Compliant\*
- Based on testing conducted on Deco Bioglitter® SPARKLE we fully expect to meet the requirements of OEKO-TEX® and GOTS
- Not suitable for use in cosmetics, personal care, festival, nail & body art

## EFFECT AND APPLICATION

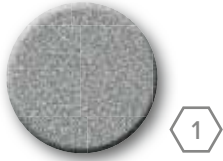
- Effects
  - SPARKLE – Metallic Effect Glitter
  - PURE – Iridescent / Opalescent / Opaque Effect Glitter
    - Aluminum free - enhanced formulation flexibility and compatibility
  - HOLO – Holographic Effect Glitter
- Suitable for dry, water based, solvent based, silicone based, oil based systems (see technical info for more detail, performance by product line can vary)



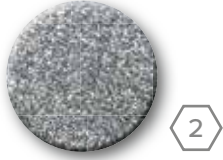
Bioglitter® is based on plants and is independently proven to biodegrade in natural, fresh water environments.

\* Please refer to product information documentation for specific approvals for individual colors.

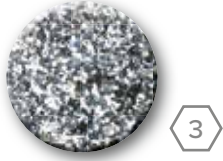
SIZES  
COLOR



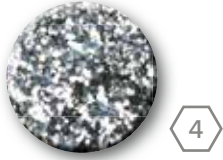
1



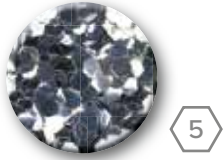
2



3



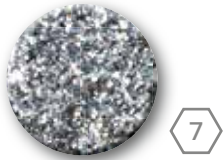
4



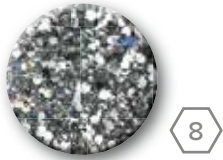
5



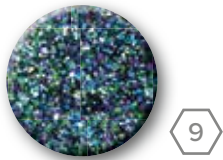
6



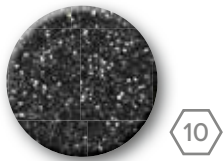
7



8



9

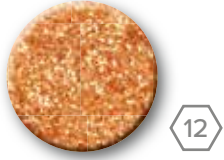


10

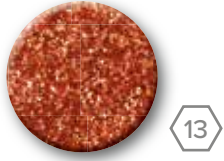
COLOR



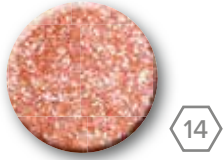
11



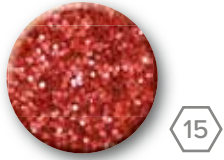
12



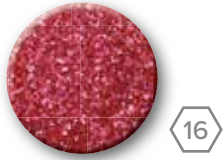
13



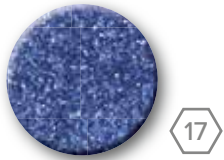
14



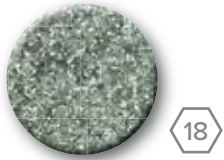
15



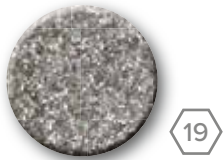
16



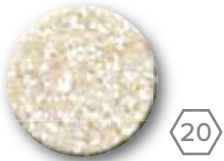
17



18

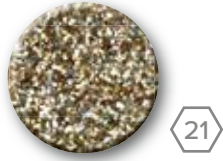


19

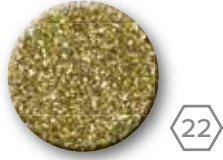


20

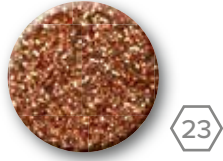
COLOR



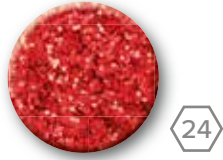
21



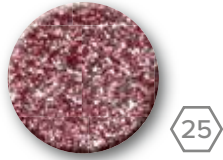
22



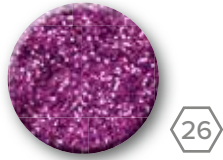
23



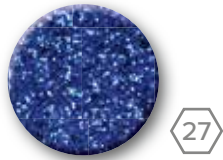
24



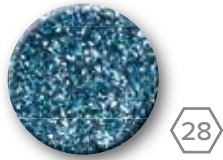
25



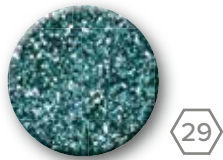
26



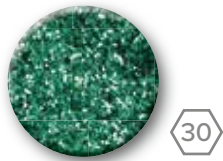
27



28

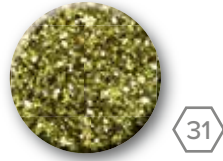


29

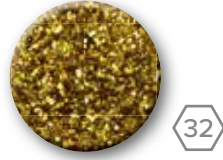


30

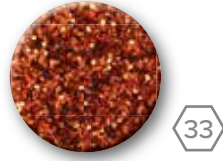
COLOR



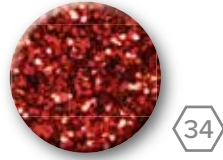
31



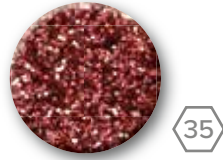
32



33



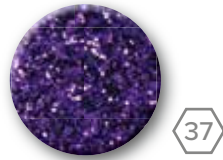
34



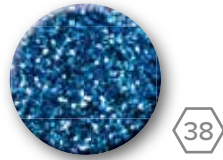
35



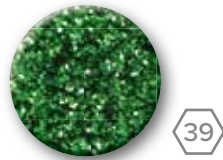
36



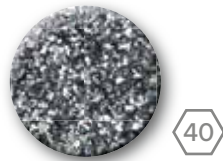
37



38



39



40

## DECO BIOGLITTER®

SHADE				SIZE							
				16095	1609	1608	1604	1601	1610	1619	1620
Nr.	Prod.-Code	Color		0.125" 3.00 mm	0.094" 2.40 mm	0.062" 1.60 mm	0.040" 1.00 mm	0.015" 0.40 mm	0.008" 0.20 mm	0.006" 0.15 mm	0.004" 0.10 mm
1	A-8301-2hex	Silver	S.V1								●
2	-D50-2hex	Silver uncoated *	S.V2							●	
3	-D50-2hex	Silver uncoated *	S.V2						●		
4	-D50-2hex	Silver uncoated *	S.V2					●			
5	-D50-2hex	Silver uncoated *	S.V2				●				
6	A-8301-2hex	Silver	S.V1		●						
7	-D50A-2hex	Holo Silver *	H.V2					●			
8	-D50-2hex	Silver uncoated *	S.V2						●		
	-D50-2hex	Silver uncoated *	S.V2					●			
	-D50-2hex	Silver uncoated *	S.V2				●				
9	A-56T01-2hex	Purple *	S.V2					●			
	A-16T01-2hex	Ice Blue *	S.V2					●			
	A-61T01-2hex	Light Green *	S.V2					●			
	-D50-2hex	Silver uncoated *	S.V2					●			
10	A-8137GC-2hex	Obsidian	S.V1	–	–	–	○	●	○	○	–
11	-81903-2hex	Light Gold *	P.V1	–	–	–	○	●	○	○	–
12	-81908-2hex	Autumn Glow *	P.V1	–	–	–	○	●	○	○	–
13	-81930-2hex	Bronze *	P.V1	–	–	–	○	●	○	○	–
14	-81954-2hex	Rose Pink *	P.V1	–	–	–	○	●	○	○	–
15	-81910-2hex	Red *	P.V1	–	–	–	○	●	○	○	–
16	-81912-2hex	Vivid Fuchsia *	P.V1	–	–	–	○	●	○	○	–
17	-81966-2hex	Ocean Blue *	P.V1	–	–	–	○	●	○	○	–
18	-81923-2hex	Sea Green *	P.V1	–	–	–	○	●	○	○	–
19	-81901-2hex	Silver *	P.V1	–	–	–	○	●	○	○	–
20	-81900-2hex	Frost *	P.V1	–	–	–	○	●	○	○	–
21	A-8102GC-2hex	Champagner Gold	S.V1	–	–	–	○	●	○	○	–
22	A-8103GC-2hex	Light Gold	S.V1	–	–	–	○	●	○	○	–
23	A-8130GC-2hex	Penny Copper	S.V1	–	–	–	○	●	○	○	–
24	A-8110GC-2hex	Fire Red	S.V1	–	–	–	○	●	○	○	–
25	A-8127GC-2hex	Pink	S.V1	–	–	–	○	●	○	○	–
26	A-8112GC-2hex	Fuchsia	S.V1	–	–	–	○	●	○	○	–
27	A-8171GC-2hex	Canadian Blue	S.V1	–	–	–	○	●	○	○	–
28	A-8125GC-2hex	Sky Blue	S.V1	–	–	–	○	●	○	○	–
29	A-8151GC-2hex	Turquoise	S.V1	–	–	–	○	●	○	○	–
30	A-8120GC-2hex	Emerald Green	S.V1	–	–	–	○	●	○	○	–
31	A-51T01-2hex	Gold *	S.V2	○	–	○	○	●	○	○	○
32	A-40T01-2hex	Dark Gold *	S.V2	○	–	○	○	●	○	○	○
33	A-42T01-2hex	Apricot *	S.V2	○	–	○	○	●	○	○	○
34	A-52T01-2hex	Red *	S.V2	○	–	○	○	●	○	○	○
35	A-36T01-2hex	Rose *	S.V2	○	–	○	○	●	○	○	○
36	A-57T01-2hex	Fuchsia *	S.V2	○	–	○	○	●	○	○	○
37	A-56T01-2hex	Purple *	S.V2	○	–	○	○	●	○	○	○
38	A-16T01-2hex	Ice Blue *	S.V2	○	–	○	○	●	○	○	○
39	A-61T01-2hex	Light Green *	S.V2	○	–	○	○	●	○	○	○
40	A-50T01-2hex	Silver *	S.V2	○	–	○	○	●	○	○	○

● Sample ○ Other Sizes – Not available

### PRODUCT CODING

From the table above add the 'SIZE' code to the 'SHADE' code  
e.g. Deco Bioglitter® Champagner Gold 0.008" = 1610A-8102-2hex

\* Commission Regulation (EU) 2023/2055 compliant.

For further information see product data sheet.





## MARKET APPLICATION

### COSMETIC

#### Cosmetic grade

for color cosmetics, skin care, hair care, personal care, events & carnival

#### METALLIC EFFECT

##### Reflection Effect



- Certified – TÜV, OK biodegradable WATER (V2)
- ISO14851/2 testing by OWS, Belgium (V1)
- Bright metallic effect

#### IRIDESCENT / OPALESCENT / OPAQUE EFFECT

##### Refraction-Reflection Effect (Aluminum Free)



- Certified – TÜV, OK biodegradable WATER
- Natural – Soft focus effect
- Opal – Opalescent 'mother of pearl' effect
- Vivid – Strong color effect
- Opaque – Matt effect

#### HOLOGRAPHIC EFFECT

##### Reflective-Diffraction Effect



- Certified – TÜV, OK biodegradable WATER
- Holographic Rainbow Effect

### DECO – DECORATIVE

#### Technical grade

for coatings, printing, fabrics, horticulture, art & decorative applications

#### METALLIC EFFECT

##### Reflection Effect



- Certified – TÜV, OK biodegradable WATER
- Bright metallic effect

#### IRIDESCENT / OPALESCENT EFFECT

##### Refraction-Reflection Effect (Aluminum Free)



- Certified – TÜV, OK biodegradable WATER
- Natural – Soft focus effect
- Opal – Opalescent 'mother of pearl' effect
- Vivid – Strong color effect

#### HOLOGRAPHIC EFFECT

##### Reflective-Diffraction Effect



- Certified – TÜV, OK biodegradable WATER
- Holographic Rainbow Effect



Certified OK Biodegradable WATER



SIGMUND LINDNER GmbH operates under Quality and Environmental Management Systems which are independently certified as meeting the requirements of ISO 9001:2015, ISO 14001:2015, ISO 50001:2018. Our manufacturing site is certified to ISO 22716:2007 for Good Manufacturing Practice (GMP).

Bioglitter® brand trademark(s) are registered trademarks of Sigmund Lindner GmbH as detailed on [www.bioglitter.com](http://www.bioglitter.com).

