

Product Data Sheet
 First created on: 2012-04-25
 Next inspection on: 2018-06-30

 Updated on: 2017-07-12
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Manufacturer / Supplier:
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Company Sigmund Lindner GmbH has established a Quality Management System according to DIN EN ISO 9001 since 1997.

Responsible:
 Erwin Pschierer, Product Manager Glitter
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Trade Name: Polyester Glitter Grade I
Product Application: Effect material for aerosol, paint and coatings, decoration and other products
Construction of the Article Number:

Material	Size		Colour	Form
25	20	—	51-3 (51A-3)	hex

Construction of Glitter Particle:

	Pigment Coating by Polyurethane
	Aluminium Vaporisation
	Foil made of Polyethylene Terephthalate

Chemical Composition:

INCI Name	Weight	CAS-No.	EINECS	CI-No.	further
Polyurethane Coating	2,5 - 3,2 %	68258-82-2	none	---	FDA Ref# 21 CFR 177.1680
Pigments					
Red 122	belongs to Article; between 0 - 1,3 %	980-26-7	213-561-3	73915	---
Yellow 83		5567-15-7	226-939-8	21108	---
Blue 15		147-14-8	205-685-1	74160	---
Green 7		1328-53-6	215-524-7	74260	---
Red 88 (Maroon)		14295-43-3	238-222-7	73312	---
Violet 23		6358-30-1	228-767-9	51319	---
Aluminium	0,1 %	7429-90-5	231-072-3	77000	
Polyethylene Terephthalate	95,4-97,4 %	25038-59-9	none	---	FDA Ref# 21 CFR 177.1310

Size / Form:

Article No.	Size particle		Form		
			■ sq	● hex	■ rec
Art. 2529	0,075 x 0,05 mm	0.003 x 0.002"			X
Art. 2525	0,10 x 0,05 mm	0.004 x 0.002"			X
Art. 2520	0,10 mm	0.004" hex/sq	X	X	

Tolerance size particle/gauge: +/- 10 %

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Colours / Pigments / Gauge:

Colour	CI-Number	Gauge / thickness
02-3 sand	73915 21108	0,013 mm / 0.0005"
13-3 marine blue	74160 51319	0,013 mm / 0.0005"
23-3 apple red	73915 74160	0,013 mm / 0.0005"
26-3 kelly green	74260 21108	0,013 mm / 0.0005"
36A-3 Hologram rose	73915	0,025 mm / 0.0010"
40-3 dark gold	73915 21108	0,013 mm / 0.0005"
47A-3 Hologram lavender	51319	0,025 mm / 0.0010"
50-3 silver	without any pigment *)	0,013 mm / 0.0005"
50A-3 Hologram silver	without any pigment *)	0,025 mm / 0.0010"
51-3 gold	73915 21108	0,013 mm / 0.0005"
51A-3 Hologram gold	73915 21108	0,025 mm / 0.0010"
52-3 red	73915 21108	0,013 mm / 0.0005"
52A-3 Hologram red	73915 21108	0,013 mm / 0.0005"
53-3 green	21108 74160	0,013 mm / 0.0005"
54-3 blue	74160	0,013 mm / 0.0005"
56-3 purple	51319	0,013 mm / 0.0005"
57-3 fuchsia	73312 74160	0,013 mm / 0.0005"
111-3 yellow gold	73915 21108	0,013 mm / 0.0005"
112-3 deep gold	73915 21108	0,013 mm / 0.0005"

These colours are useable in Cosmetics

*) chemical Composition: Polyethylene Terephthalate 96,7 - 97,4 % / Aluminium 0,1 % / Polyurethane 2,5 - 3,2 %

Technical Data:

 Specific weight: 1,38 kg/dm³

 Bulk density: between 0.50 - 0.60 kg/dm³ – depending on particle size/gauge

Resistance:

Medium	Condition	Result
Temperature (up to 230 °C)	1 min.	resistant
Temperature (up to 175 °C)	5 min.	resistant
MEK (Methyl Ethyl Ketone; 99%)	15 min	resistant
Isopropanol (25%)	15 min.	resistant
Isopropanol (70%)	15 min.	resistant
Demineralized H ₂ O	3 months	resistant
Exposure test according to DIN EN ISO 4892-2	1.000 hours (equal to 1 year central european climate)	resistant *)
light fastness		

*) tested Pigments: CI 51319, CI 73915, CI 74160, CI 74260

Storage Indication: Store in a dry manner in closed (original) container by room temperature.

Disposal information: There is no type of waste that occurs due to the product that requires special supervision according to (EU) No. 1357/2014 guideline.

Further Information: Sample card Polyester Glitter Grade I
 Safety Data Sheet SiLiglit Aerosol-Glitter

Product trials and stability tests are always recommended and are the responsibility of the customer prior to production.

All data are reference values – subject to change without prior notice