

Product Data Sheet
 First created on: 2011-04-07
 Next inspection on: 2018-06-30

 Updated on: 2017-07-13
 Printed on: 2017-07-13
Manufacturer / Supplier:
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Company Sigmund Lindner GmbH has established a Quality Management System according DIN EN ISO 9001 since 1997.

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

Material	Size		Colour	Form
25	20	—	51-3	sq

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
Farbpigmente					
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	---
White 6		13463-67-7	236-675-5	77891	---
Black 7		1333-86-4	215-609-9	77266	---
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

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Available sizes:

Size particle		Gauge / thickness			Form		
		0,013mm 0.0005"	0,025mm 0.0010"	0,075mm 0.0030"	■ sq	● hex	■ rec
0,075 x 0,05 mm	0.003 x 0.002"	Art 2529				X	
0,10 x 0,05 mm	0.004 x 0.002"	Art 2525	Art. 25251			X	
0,20 x 0,10 mm	0.008 x 0.004"	Art 2515	Art. 25151			X	
0,90 x 0,10 mm	0.035 x 0.004"		Art. 2516			X	
1,60 x 0,30 mm	0.062 x 0.0125"		Art. 2517			X	
3,10 x 0,20 mm	0.125 x 0.008"		Art. 2514			X	
3,10 x 0,30 mm	0.125 x 0.0125"		Art. 2518			X	
0,10 mm	0.004" hex/sq	Art. 2520	Art. 25201	X	X		
0,15 mm	0.006" hex/sq		Art. 2519	X	X		
0,20 mm	0.008" hex		Art. 2510		X		
0,40 mm	0.015" hex		Art. 2501		X		
0,50 mm	0.020" hex		Art. 25025		X		
0,60 mm	0.025" hex		Art. 2502		X		
0,80 mm	0.032" hex		Art. 2503		X		
1,00 mm	0.040" hex		Art. 2504		X		
1,60 mm	0.062" hex		Art. 2508		X		
2,50 mm	0.094" hex		Art. 2509		X		
3,00 mm	0.125" hex		Art. 25095		X		
2,00 mm	0.080"		Art 259020		diamonds		
3,00 mm	0.125"			Art 254030	hearts		
3,00 mm	0.125"			Art 255030	stars		
3,00 mm	0.125"			Art 256030	dots		
4,00 mm	0.125"			Art 258040	daisies		

Colours / Pigments:

Colour	CI-Number
02-3 sand	73915 21108
04-3 bronze	73915 21108 74260
06-3 old rose	73915
11-3 transparent	without pigment/aluminium *)
13-3 marine blue	74160 51319
15-3 sea green	21108 74260
16-3 ice blue	21108 73915
17-3 blue teal	74160 51319 77266
21-3 cayman green	74160 74260
22-3 moos green	21108 74260
23-3 apple red	73915 74160
26-3 kelly green	74260 21108
31-3 blue gunmetal	74160 77266 51319
32-3 gunmetal	74160 77266
36-3 rose	73915 74160
38-3 dusty rose	73915
40-3 dark gold	73915 21108
42-3 apricot	73915 21108 77266
43-3 red gold	73915 21108
44-3 salmon	73915 21108
46-3 marigold	73915 21108

*) chemical Composition: Polyethylene Terephthalate 96,8 - 97,5 % / Polyurethane 2,5 - 3,2 %

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Colours / Pigments:

Colour	CI-Number
47-3 lavender	51319
50-3 silver	without any pigment **)
51-3 gold	73915 21108
52-3 red	73915 21108
53-3 green	21108 74160
54-3 blue	74160
55-3 aqua	74260 74160
56-3 purple	51319
57-3 fuchsia	73312 74160
58-3 black	77266
59-3 copper	73915 21108
61-3 light green	21108 74260
62-3 light blue	74160 74260
66-3***) white	77891
67-3 multi	73915 21108 74160 74260 73312
75-3 light copper	73915 21108
78-3 orange	73915 21108
79-3 dark green	21108 74260
81-3 chartreuse	21108 74260
86-3 nottingham forest	74260 74160 77266
87-3 midnight green	74260 77266
89-3 cinnamon	73915 21108 74260 77266
92-3 deep burgundy	73915 77266 51319
96-3 sky blue	74160
100-3 limette	74260 21108
102-3 plum	73915 74160 77266
105-3 peacock	74160 21108 74260
107-3 canadian blue	74160 51319 73915
108-3 navy blue	73915 74160 51319
109-3 western blue	74160 74260
110-3 regal red	73915 74160
111-3 yellow gold	73915 21108
112-3 deep gold	73915 21108
113-3 antique copper	73915 21108
114-3 firebrand	73915 51319
115-3 rust	73915 21108
116-3 blue indigo	73915 74160
118-3 pale gold	73915 21108
119-3 sunshine gold	73915 21108
196-3 sea spray	74260 74160

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

***) contains 5% C177891 and 16 % Barium sulfate – CAS 7727-43-7

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Printed on: 2017-07-13**Technical data:**Specific weight: 1,38 kg/dm³
Bulk density: between 0,25 and 0,60 kg/dm³ - depending on particle size**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 light fastness	1.000 hours (equal to 1 year central european climate)	resistant *)

*) tested Pigments: CI 51319, CI 73915, CI 74160, CI 74260, CI 77266

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 Grade I Poly-3 PU
Test Reports

*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.*