

Product Data Sheet
 First created on: 2010-03-30
 Next inspection on: 2018-06-30

 Updated on: 2017-07-12
 Printed on: 2017-07-12
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 Hologram-3**
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	—	51A-3	sq

Construction of Glitter particle:**Chemical composition:**

Name	Weight	CAS-No.	EINECS	CI-No.	FDA/CFR
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	---
Violet 23		6358-30-1	228-767-9	51319	---
Black 7		1333-86-4	215-609-9	77266	---
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		
		0,013 mm 0.0005"	0,025 mm 0.0010"	0,050 mm 0.0020"	■ 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					X
0,20 x 0,10 mm	0.008 x 0.004"		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		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	
random				Art. 2550	irregular		
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		

Tolerance size particle/gauge: +/- 20 %

Colours / Pigments:

Colours	CI-Number
32A-3 Hologram gunmetal	74160 77266
36A-3 Hologram rose	73915
37A-3 Hologram lilac	51319
47A-3 Hologram lavender	51319
50A-3 Hologram silver	without Pigment *)
51A-3 Hologram gold	73915 21108
52A-3 Hologram red	73915 21108
55A-3 Hologram aqua	74260 74160
59A-3 Hologram copper	73915 21108
62A-3 Hologram light blue	74160 74260
78A-3 Hologram orange	73915 21108

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

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Technical data:Specific weight: 1,38 kg/dm³Bulk 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

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 Holo-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.*