

**Product Data Sheet**

First created on: 2009-01-02 Updated on: 2016-07-20  
 Next inspection on: 2017-06-30 Printed on: 2016-07-20

**Manufacturer / Supplier:**

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Company Sigmund Lindner GmbH has established a Quality Management System according DIN EN ISO 9001 since 1997.

**Responsible:**

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**Trade name:****Polyester Glitter Grade I Iris 500-3****Application of product:** Effect material for decoration and other products**Construction of the Article number:**

Material	Size		Colour	Form
25	10	—	522-3	hex

**Construction of Glitter particle:**

Particle is made from up to 120 individual foils

**Chemical composition:**

Name	Weight	CAS-No.	EG-No.	CI-No.	FDA/CFR
Polybutylene Terephthalate	80 %	30965-26-5	none	none	FDA Ref# 21 CFR 177.1660
Polyethylene Naphthalate	20 %	25853-85-4	none	none	FDA Ref# 21 CFR 177.1637

**Colours:**

521-3 iris-copper/red  
 522-3 iris-red/green  
 523-3 iris-blue/green  
 524-3 iris-violet

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**Available sizes:**

Size particle		Article / Gauge/thickness					Form		
		0,035 mm 0.0014"	0,033 mm 0.0013"	0,030 mm 0.0012"	0,028 mm 0.0011"	0,028-0,035 mm 0.0011-0.0014"	■ sq	● hex	■ rec
0,10 x 0,05 mm	0.004 x 0.002"	2525-521-3	2525-522-3	2525-523-3	2525-524-3	2525-500-3			X
0,20 x 0,10 mm	0.008 x 0.004"	2515-521-3	2515-522-3	2515-523-3	2515-524-3	2515-500-3			X
0,90 x 0,10 mm	0.035 x 0.004"	2516-521-3	2516-522-3	2516-523-3	2516-524-3	2516-500-3			X
1,60 x 0,30 mm	0.062 x 0.0125"	2517-521-3	2517-522-3	2517-523-3	2517-524-3	2517-500-3			X
3,10 x 0,20 mm	0.125 x 0.008"	2514-521-3	2514-522-3	2514-523-3	2514-524-3	2514-500-3			X
3,10 x 0,30 mm	0.125 x 0.0125"	2518-521-3	2518-522-3	2518-523-3	2518-524-3	2518-500-3			X
0,10 mm	0.004" sq	2520-521-3	2520-522-3	2520-523-3	2520-524-3	2520-500-3	X		
0,15 mm	0.006" sq	2519-521-3	2519-522-3	2519-523-3	2519-524-3	2519-500-3	X		
0,20 mm	0.008" hex	2510-521-3	2510-522-3	2510-523-3	2510-524-3	2510-500-3		X	
0,40 mm	0.015" hex	2501-521-3	2501-522-3	2501-523-3	2501-524-3	2501-500-3		X	
0,50 mm	0.020" hex	25025-521-3	25025-522-3	25025-523-3	25025-524-3	25025-500-3		X	
0,60 mm	0.025" hex	2502-521-3	2502-522-3	2502-523-3	2502-524-3	2502-500-3		X	
0,80 mm	0.032" hex	2503-521-3	2503-522-3	2503-523-3	2503-524-3	2503-500-3		X	
1,00 mm	0.040" hex	2504-521-3	2504-522-3	2504-523-3	2504-524-3	2504-500-3		X	
1,60 mm	0.062" hex	2508-521-3	2508-522-3	2508-523-3	2508-524-3	2508-500-3		X	
2,50 mm	0.094" hex	2509-521-3	2509-522-3	2509-523-3	2509-524-3	2509-500-3		X	
3,00 mm	0.125" hex	25095-521-3	25095-522-3	25095-523-3	25095-524-3	25095-500-3		X	

Tolerance size particle/gauge: +/- 10 %

**Technical data:**Specific weight: 1,32 kg/dm<sup>3</sup>Bulk density: between 0,20 and 0,75 kg/dm<sup>3</sup> - depending on particle size**Resistance:**

Medium	Condition	Result
Temperature	up to 193 °C	resistant
MEK (Methyl Ethyl Ketone; 99%)	15 min	resistant
Isopropanol (25%)	15 min.	resistant
Isopropanol (70%)	15 min.	resistant
Demineralized H <sub>2</sub> 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:**

Safety Data Sheet SiLiglit Grade I Iris 500-3

*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.*