

Product Data Sheet
 First created on: 2012-12-04
 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 Iris 400-3****Application of product:** Effect material for decoration and other products**Construction of the Article number:**

Material	Size		Colour	Form
25	10	—	421-3	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	60 %	26062-94-2	none	---	FDA Ref# 21 CFR 177.1660
Acrylates Copolymer	20 %	25035-69-2	none	---	FDA Ref# 21 CFR 177.1010
Ethylene Vinyl Acetate Copolymer	20 %	24937-78-8	none	---	FDA Ref# 21 CFR 177.1350

Colours:
 421-3 iris-copper/red
 422-3 iris-red/green
 423-3 iris-blue/green
 424-3 iris-violet
 400-3 iris multi (mixture 421 - 424)
 410-3 iris mix (mixture 421 + 422)
 411-3 iris mix (mixture 423 + 424)

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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
1,60 mm	0.062"	2562-421-3	2562-422-3	2562-423-3	2562-424-3	2562-400-3	random		
6,30 mm	0.250"	2550-421-3	2550-422-3	2550-423-3	2550-424-3	2550-400-3	random		
0,90 mm	0.035"	2535-421-3	2535-422-3	2535-423-3	2535-424-3	2535-400-3	random		
0,10 x 0,05 mm	0.004 x 0.002"	2525-421-3	2525-422-3	2525-423-3	2525-424-3	2525-400-3			X
0,20 x 0,10 mm	0.008 x 0.004"	2515-421-3	2515-422-3	2515-423-3	2515-424-3	2515-400-3			X
0,90 x 0,10 mm	0.035 x 0.004"	2516-421-3	2516-422-3	2516-423-3	2516-424-3	2516-400-3			X
1,60 x 0,30 mm	0.062 x 0.0125"	2517-421-3	2517-422-3	2517-423-3	2517-424-3	2517-400-3			X
3,10 x 0,20 mm	0.125 x 0.008"	2514-421-3	2514-422-3	2514-423-3	2514-424-3	2514-400-3			X
3,10 x 0,30 mm	0.125 x 0.0125"	2518-421-3	2518-422-3	2518-423-3	2518-424-3	2518-400-3			X
0,10 mm	0.004" hex + sq	2520-421-3	2520-422-3	2520-423-3	2520-424-3	2520-400-3	X	X	
0,15 mm	0.006" hex + sq	2519-421-3	2519-422-3	2519-423-3	2519-424-3	2519-400-3	X	X	
0,20 mm	0.008" hex	2510-421-3	2510-422-3	2510-423-3	2510-424-3	2510-400-3		X	
0,40 mm	0.015" hex	2501-421-3	2501-422-3	2501-423-3	2501-424-3	2501-400-3		X	
0,50 mm	0.020" hex	25025-421-3	25025-422-3	25025-423-3	25025-424-3	25025-400-3		X	
0,60 mm	0.025" hex	2502-421-3	2502-422-3	2502-423-3	2502-424-3	2502-400-3		X	
0,80 mm	0.032" hex	2503-421-3	2503-422-3	2503-423-3	2503-424-3	2503-400-3		X	
1,00 mm	0.040" hex	2504-421-3	2504-422-3	2504-423-3	2504-424-3	2504-400-3		X	
1,60 mm	0.062" hex	2508-421-3	2508-422-3	2508-423-3	2508-424-3	2508-400-3		X	
2,50 mm	0.094" hex	2509-421-3	2509-422-3	2509-423-3	2509-424-3	2509-400-3		X	
3,00 mm	0.125" hex	25095-421-3	25095-422-3	25095-423-3	25095-424-3	25095-400-3		X	

Technical data:

Specific weight: 1,20 kg/dm³
 Bulk density: between 0,20 and 0,75 kg/dm³ - depending on particle size

Resistance:

Medium	Condition	Result
Temperature	up to 150 °C	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 Cosmetic Glitter
 Safety Data Sheet SiLiglit Grade I Iris 400-3

*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.*