

First created on: 2011-07-12
Next inspection on: 2017-06-30Updated on: 2016-07-20
Printed on: 2016-07-20**Manufacturer / Supplier:**Sigmund Lindner GmbH
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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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E-Mail: Erwin.Pschierer@sigmund-lindner.com**Trade name: Polyester Glitter Grade III****Application of product:** Effect material for decoration and other products**Construction of the Article number:**

Material	Size		Colour	Form
28	10	—	322-55	hex

Construction of Glitter particle:

Particle is made from up to 120 individual foils

Chemical composition:

Name	Weght	CAS-No.	EG-No. (EINECS)	CI-No.	FDA/CFR
Epoxy Resin*) high polymeric structure	5,0-10,0 %	---	---	none	
Solvents					
Fluorescent pigment		not known	none	none	---
Solvent Orange 62	depends on Article between 0-1,0 %	52256-37-8	none	12714	---
Solvent Red 122		12227-55-3	none	None	---
Solvent Red 49		509-34-2	none	45170:1	---
Solvent Blue 5		1325-86-6	none	42592:1	---
Solvent Blue 70		12237-24-0	none	none	---
Solvent Green 852		not known	none	none	---
Polyethylene Terephthalate	90,0-95,0 %	25038-59-9	none	---	FDA Ref# 21 CFR 177.1630

*) which are hardened after the production process, middle molecular weight > 700

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Available sizes:

Size particle		Gauge / thickness 0.0015" - 0.0018" 0,038 mm - 0,045 mm /	Form ● hex
0,10 mm	0.004" hex	Art. 28201	X
0,15 mm	0.006" hex	Art. 2819	X
0,20 mm	0.008" hex	Art. 2810	X
0,30 mm	0.012" hex	Art. 28015	X
0,40 mm	0.015" hex	Art. 2801	X
0,60 mm	0.025" hex	Art. 2802	X
0,80 mm	0.032" hex	Art. 2803	X
1,00 mm	0.040" hex	Art. 2804	X
1,30 mm	0.052" hex	Art. 2806	X
2,00 mm	0.080" hex	Art. 28085	X
2,50 mm	0.094" hex	Art. 2809	X
3,00 mm	0.125" hex	Art. 28095	X

Tolerance size particle/gauge: +/- 10 %

Colours:

Iris-Glitter
322-55 red-green iridescent
324-55 violet iridescent
300-55 multi iridescent (Mixture of 322 + 324)

Iris-Glitter coloured	Pigments
3204-55 pink iridescent	Fluorescent pigment
3205-55 pastel pink iridescent	Solvent Red 122 Solvent Orange 62
3206-55 salmon iridescent	Fluorescent pigment
3208-55 rose iridescent	Solvent Red 49
3209-55 hot pink iridescent	Solvent Red 49
3305-55 medium violet iridescent	Solvent Blue 70 Solvent Red 49
3405-55 blue iridescent	Solvent Blue 70 Solvent Blue 5
3406-55 light blue iridescent	Solvent Blue 70 Solvent Blue 5
3503-55 light green iridescent	Solvent Green 852
3508-55 yellow iridescent	Fluorescent pigment

Neon (Fluorescent) Glitter	Pigments
30E-55 neon pink	Fluorescent pigment
62E-55 neon blue	Fluorescent pigment
78E-55 neon orange	Fluorescent pigment
81E-55 neon yellow	Fluorescent pigment

Technical data:

Specific weight: 1,20 kg/dm³
 Bulk density: between 0,25 and 0,60 kg/dm³ depending on particle size

Resistance:

Medium	Condition	Result
Temperature	up to 60 °C	resistant
MEK (Methyl Ethyl Ketone; 99%)	15 min	Not resistant
Isopropanol (25%)	15 min.	Not resistant
Isopropanol (70%)	15 min.	Not resistant
Demineralized H ₂ O	3 months	Not resistant

Product Data Sheet

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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 III Iris, Neon -55
Safety Data Sheet SiLiglit Grade III Iris, Neon-55

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.