

Product Data Sheet

First created on:

2011-07-12

Updated on:

2017-03-08

Next inspection on:

2017-06-30

Printed on:

2017-03-08

Manufacturer / Supplier:

Sigmund Lindner GmbH
Oberwarmensteinacher Strasse 38
95485 Warmensteinach / Germany
Phone: +49-9277-9940
Fax: +49-9277-99499
Web: www.sili.eu
E-Mail: sili@sigmund-lindner.com

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

Responsible:

Erwin Pschierer, Product Manager Glitter
Phone: +49-9277-99483
Fax: +49-9277-99489
E-Mail: Erwin.Pschierer@sigmund-lindner.com

Trade name:**Aluminium Glitter****Application of product:** Effect material**Construction of Article number:**

Material	Size		Colour	Form
21	20	—	51-3	sq

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

Name	Weight	CAS-No.	EG-No. (EINECS)	CI-No.	FDA/CFR
Polyurethane Coating	2,8 %	68258-82-2	none	---	FDA Ref# 21 CFR 177.1680
Pigments					
Red 122	belongs to Article, between 0 - 1,4 %	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	
Black 7		1333-86-4	215-609-9	77266	
Violet 23		6358-30-1	228-767-9	51319	
Aluminium	95,8-97,2 %	7429-90-5	231-072-3	77000	

Available sizes:

Size particle		Gauge / thickness 0,019 mm / 0.00075"	Form		
			hex	sq	rec
0,20 x 0,10 mm	0.008 x 0.004"	Art. 2115			X
0,40 x 0,20 mm	0.015 x 0.008"	Art. 2100			X
3,10 x 0,20 mm	0.125 x 0.008"	Art. 2114			X
3,10 x 0,30 mm	0.125 x 0.0125"	Art. 2118			X
0,05 x 0,08 mm	0.002 x 0.003"	Art. 2129			X
0,10 mm	0.004" hex/sq	Art. 2120	X	X	
0,15 mm	0.006" hex/sq	Art. 2119	X	X	
0,20 mm	0.008" hex/sq	Art. 2110	X	X	
0,40 mm	0.015" hex/sq	Art. 2101	X	X	
0,60 mm	0.025" hex/sq	Art. 2102	X	X	
1,00 mm	0.040" hex	Art. 2104	X		
0,90 mm	0.035" sq	Art. 2104		X	
1,60 mm	0.062" hex/sq	Art. 2108	X	X	
3,10 mm	0.125" hex/sq	Art. 21010	X	X	

Tolerance size particle/gauge: +/- 20 %

Product Data Sheet

First created on:

2011-07-12

Updated on:

2017-03-08

Next inspection on:

2017-06-30

Printed on:

2017-03-08

Colours / Pigments:

Colours		CI-Number		
02-3	sand	73915	21108	
06-3	old rose	73915	21108	
15-3	seagreen	21108	74260	
23-3	apple red	73915	21108	
26-3	kelly green	21108	74260	
40-3	dark gold	73915	21108	
42-3	apricot	73915	21108	77266
43-3	red gold	73915	21108	
46-3	marigold	73915	21108	
50-3	silver	without any pigment		
51-3	gold	73915	21108	
52-3	red	73915	21108	
53-3	green	21108	74160	74260
54-3	blue	74160		
55-3	aqua	74260	74160	21108
56-3	purple	73915	74160	
57-3	fuchsia	73915	77266	
58-3	black	77266		
59-3	copper	73915	21108	
62-3	light blue	21108	74160	
74-3	brown	73915	21108	
78-3	orange	73915	21108	
96-3	sky blue	74160		
108-3	navy blue	73915	74160	51319
109-3	western blue	74160	51319	
112-3	deep gold	73915	21108	
117-3	medium blue	21108	74160	
132-3	platin	74160	77266	51319

Technical data:Specific weight: 2,70 kg/dm³Bulk density: between 0,60 and 1,00 kg/dm³ - depending on particle size**Resistance:**

Medium	Condition	Result
Temperature	up to 230 °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
Exposure test acc. to DIN EN ISO 4892-2	1.000 hours (equal to 1 year central european climate)	resistant ^{*)}
light fastness		

*) 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 Aluminium Glitter coated
Safety Data Sheet Aluminium Glitter Alu-3 PU*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*