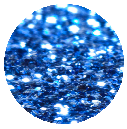
Product Data Sheet



the German spirit of quality since 1854

SiLi SIGMUND LINDNER

SiLiglit Aluminum Glitter

First created on: 2009-03-16 Updated on: 2021-08-17
Next inspection on: 2021-12-31 Printed on: 2021-08-17 Version: V13/2021

Trade name: **Aluminum Glitter**

Application of product: Decoration material (window displays, table and store decorations), Effect material for hobby, floral industry, and textile wall papers (silver shade).

Construction of the Article number:

Material	Size		Colour	Form
20	01	–	50-3	hex

Construction of Glitter particle:

Pigment Coating

Foil made of Aluminum

Chemical composition:

Aluminum Glitter silver

Name	Weight	CAS-No.	EINECS	CI-No.	FDA/CFR
Aluminum	100.0 %	7429-90-5	231-072-3	77000	

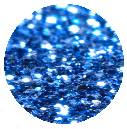
Aluminum Glitter colored

Name	Weight	CAS-No.	EINECS	CI-No.	FDA/CFR
Polyurethane Coating	0.6 %	68258-82-2	none	---	FDA Ref# 21 CFR 177.1680
Pigments					
Red 122	depends to Article, between 0.2 – 0.4 %	980-26-7	213-561-3	73915	
Yellow 83		5567-15-7	226-939-8	21108	
Green 7		1328-53-6	215-524-7	74260	
Blue 15		147-14-8	205-685-1	74160	
Black 7		1333-86-4	215-609-9	77266 (nano)	
Aluminum	98.6 – 99.2 %	7429-90-5	231-072-3	77000	

Available sizes:

Size Particle		Gauge / thickness 0.050 mm / 0.0020"	Shape ■ sq	Shape ⬢ hex
0.40 mm	0.015" sq (hex)	Art. 2001		X
0.60 mm	0.025" sq (hex)	Art. 2002	X	
1.00 mm	0.040" sq (hex)	Art. 2004	X	
1.60 mm	0.062" sq (hex)	Art. 2008	X	
3.00 mm	0.125" sq	Art. 2010	X	
3.00 mm	0.125" sq	Art. 205030	Stars	

Product Data Sheet



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Colors / Pigments:

Colors		CI-Number
26-3	kelly green	21108 74260
50-3	silver	without Pigment (100 % Aluminum-foil)
51-3	gold	73915 21108
52-3	red	73915 21108
53-3	green	21108 74160
54-3	blue	74160
56-3	purple	73915 74160
57-3	fuchsia	77266 73915
58-3	black	77266
59-3	copper	73915 21108
67-3	multicolor	21108 74160 73915

Technical data:

Specific weight: 2.70 kg/dm^3
Bulk density: between 0.40 and 1.00 kg/dm^3 - depending on particle size

Resistance:

Medium	Condition	Result Aluminum silver	Result Aluminum colored
Temperature	up to …	300 °C resistant	100 °C resistant
MEK (Methyl Ethyl Ketone)	15 min.	resistant	not resistant
Isopropanol (25%)	15 min.	resistant	not resistant
Isopropanol (70%)	15 min.	resistant	not resistant
Demineralized H_2O	3 month	resistant	not 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 Aluminium Glitter Alu-3 uncoated

Manufacturer / Supplier:

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

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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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