

Product Data Sheet



The German spirit of quality since 1854



SiLigit Polyester Glitter Grade II

First created on: 2008-12-14 Updated on: 2021-05-10
 Next inspection on: 2021-12-31 Printed on: 2021-05-10

Version: V12/2021

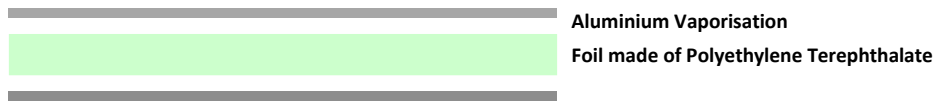
Trade name: Polyester Glitter Grade II

Application of product: Effect material for decoration and other products

Construction of the Article number:

Material	Size		Colour	Form
27	01	—	50A-1	hex

Construction of Glitter particle:



Chemical composition:

Name	Weight	CAS-No.	EG-No. (EINECS)	CI-No.	FDA/CFR
Aluminium	0.5 %	7429-90-5	231-072-3	77000	
Polyethylene Terephthalate	99.5 %	25038-59-9	none	---	FDA Ref# 21 CFR 177.1630

Available sizes:

Size particle		Gauge / thickness 0.050 mm / 0.0020"	Form	
			hex	rec
0.90 x 0.10 mm	0.035 x 0.004"	Art. 2716-50A-1		X
1.60 x 0.30 mm	0.062 x 0.0125"	Art. 2717-50A-1		X
3.10 x 0.30 mm	0.125 x 0.0125"	Art. 2718-50A-1		X
0.20 mm	0.008" hex	Art. 2710-50A-1hex	X	
0.40 mm	0.015" hex	Art. 2701-50A-1hex	X	
0.60 mm	0.025" hex	Art. 2702-50A-1hex	X	
1.00 mm	0.040" hex	Art. 2704-50A-1hex	X	
1.60 mm	0.062" hex	Art. 2708-50A-1hex	X	
2.50 mm	0.094" hex	Art. 2709-50A-1hex	X	

Tolerance size particle/gauge: +/- 10 %

Technical data:

Specific weight: 1.38 kg/dm³
 Bulk density: between 0.25 and 0.60 kg/dm³ - depending on particle size

Resistance:

Medium	Condition	Result
Temperature (up to 230 °C)	1 min.	resistant
Temperature (up to 175 °C)	5 min.	resistant
MEK (Methyl Ethyl Ketone; 99%)	15 min.	resistant
Isopropanol (25%)	15 min.	resistant
Isopropanol (70%)	15 min.	resistant
Demineralized H ₂ O	---	not resistant

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Version: V12/2021

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 SiLigit Grade II Holo-1 silver

Manufacturer / Supplier:

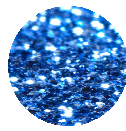
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Product Data Sheet



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SiLigit Polyester Glitter Grade II Iris 300-70

First created on: 2018-09-28
Next inspection on: 2021-12-31

Updated on: 2021-05-10
Printed on: 2021-05-10

Version: V3/2021

Trade name: Polyester Glitter Grade II Iris 300-70

Application of product: Effect material for decoration and other products

Construction of the Article number:

Material	Size		Colour	Form
27	10	-	321-70	hex

Construction of Glitter particle:



Chemical composition:

Name	Weight	CAS-No.	EG-No. (EINECS)
Polymers	100 %	---	---

Colours:
321-70 iridescent copper/red
322-70 iridescent red/green
323-70 iridescent blue/green
324-70 iridescent violet
300-70 iridescent multi (mixture: 321-324)

Available sizes:

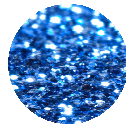
Size particle	
0.10 mm	0.004" hex
0.15 mm	0.006" hex
0.20 mm	0.008" hex
0.40 mm	0.015" hex
1.00 mm	0.040" hex

Technical data: Specific weight: 1.20 kg/dm³

Resistance:

Medium	Condition	Result
Temperature	up to 100 °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	resistant

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SiLiglit Polyester Glitter Grade II Iris 300-70

First created on: 2018-09-28
Next inspection on: 2021-12-31

Updated on: 2021-05-10
Printed on: 2021-05-10

Version: V3/2021

Storage indication: Store in a dry manner in closed (original) container at 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 II Iris 300-70

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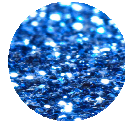
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SiLigit Polyester Glitter Grade II

First created on: 2008-06-27
Next inspection on: 2022-12-31

Updated on: 2022-03-01
Printed on: 2022-03-01

Version: V12/2022

Trade name: Polyester Glitter Grade II

Application of product: Effect material for decoration and other products

Construction of the Article number:

Material	Size		Colour	Form
27	10	—	322-11	hex

Construction of Glitter particle:



Particle is made from up to 120 individual foils

Chemical composition:

Name	CAS-Nummer	Weight
Polyethylene Terephthalate	25038-59-9	100 %

Colors:

Iris-Glitter	
322-11	iris-red/green
324-11	iris-violet
300-11	iris multi (Mischung: 322,324)

Available sizes:

Iris-Glitter

Size of particle		Gauge / thickness		Form ● hex
		0.033 mm / 0.0013"	0.038 mm / 0.0015"	
0.10 mm	0.004" hex	Art. 27201-322-11	Art. 27201-324-11	X
0.20 mm	0.008" hex	Art. 2710-322-11	Art. 2710-324-11	X
0.40 mm	0.015" hex	Art. 2701-322-11	Art. 2701-324-11	X
0.60 mm	0.025" hex	Art. 2702-322-11	Art. 2702-324-11	X
0.80 mm	0.032" hex	Art. 2703-322-11	Art. 2703-324-11	X
1.00 mm	0.040" hex	Art. 2704-322-11	Art. 2704-324-11	X
1.30 mm	0.052" hex	Art. 2706-322-11	Art. 2706-324-11	X

Tolerance size particle/gauge: +/- 10 %

Technical data:

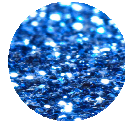
Specific weight: 1.20 kg/dm³

Bulk density: between 0.20 and 0.75 kg/dm³ - depending on particle size

Resistance:

Medium	Condition	Result
Temperature	up to 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	partially resistant

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SiLiglit Polyester Glitter Grade II

First created on: 2008-06-27
Next inspection on: 2022-12-31

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Printed on: 2022-03-01

Version: V12/2022

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 II
Safety Data Sheet SiLiglit Grade II Iris-11

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SiLigit Polyester Glitter Grade II

First created on: 2008-12-04 Updated on: 2021-05-10
 Next inspection on: 2021-12-31 Printed on: 2021-05-10

Version: V12/2021

Trade name: Polyester Glitter Grade II

Application of product: Effect material for decoration and other products

Construction of the Article number:

Material	Size		Colour	Form
27	01	-	50-1	hex

Construction of Glitter particle:



Chemical composition:

Name	Weight	CAS-No.	EG-No. (EINECS)	CI-No.	FDA/CFR
Aluminium	< 1 %	7429-90-5	231-072-3	77000	
Polyethylene Terephthalate	> 99 %	25038-59-9	none	---	FDA Ref# 21 CFR 177.1630

Available sizes:

Size particle		Gauge / thickness 0.025 mm / 0.0010"	Form		
			■ sq	● hex	■ rec
0.90 x 0.10 mm	0.035 x 0.004"	Art. 2716-50-1			X
1.60 x 0.30 mm	0.062 x 0.0125"	Art. 2717-50-1			X
3.10 x 0.30 mm	0.125 x 0.0125"	Art. 2718-50-1			X
0.15 x 0.15 mm	0.006" sq	Art. 2719-50-1sq	X		
0.20 mm	0.008" hex	Art. 2710-50-1sq/hex	X	X	
0.40 mm	0.015" hex	Art. 2701-50-1hex		X	
0.60 mm	0.025" hex	Art. 2702-50-1hex		X	
1.00 mm	0.040" hex	Art. 2704-50-1hex		X	
1.60 mm	0.062" hex	Art. 2708-50-1hex		X	
2.50 mm	0.094" hex	Art. 2709-50-1hex		X	

Tolerance size particle/gauge: +/- 10 %

Technical data:

Specific weight: 1.38 kg/dm³
 Bulk density: between 0.25 and 0.60 kg/dm³ - depending on particle size

Resistance:

Medium	Condition	Result
Temperature (up to 230 °C)	1 min.	resistant
Temperature (up to 175 °C)	5 min.	resistant
MEK (Methyl Ethyl Ketone; 99%)	15 min.	resistant
Isopropanol (25%)	15 min.	resistant
Isopropanol (70%)	15 min.	resistant
Demineralized H ₂ O	---	not resistant

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SiLigit Polyester Glitter Grade II

First created on: 2008-12-04 Updated on: 2021-05-10
Next inspection on: 2021-12-31 Printed on: 2021-05-10

Version: V12/2021

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 SiLigit Grade II Poly-1 silver

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SiLiglit Polyester Glitter Grade II Poly-70 colours

First created on: 2022-01-24 Updated on: 2022-01-24
Next inspection on: 2022-12-31 Printed on: 2022-01-24

Version: V1/2022

Trade name: Polyester Glitter Grade II Poly-70

Application of product: Effect material for decoration and other products

Construction of the Article number:

Material	Size		Color	Shape
27	01	-	51-70	hex

Construction of Glitter particle:



Chemical composition:

Name	Weight	CAS-No.	EG-No. (EINECS)	CI-No.
Epoxy Resin polymer	5 %	---	---	---
Color pigments	2 %	---	---	---
Aluminium	0.5 %	7429-90-5	231-072-3	77000
Polyethylene Terephthalate	92.5 %	25038-59-9	---	---

Colors:

- 51 gold
- 58 black
- 59 copper
- 78 orange
- 111 yellow gold
- 112 deep gold

Available sizes:

Item code	Size	Thickness	Shape
2720	0.10 mm	12 µm	hexagonal
27201	0.10 mm	23 µm	hexagonal
2719	0.15 mm	23 µm	hexagonal
2710	0.20 mm	23 µm	hexagonal
2701	0.40 mm	23 µm	hexagonal
2704	1.00 mm	23 µm	hexagonal

Technical data: Specific weight: 1.38 kg/dm³

Resistance:

Medium	Condition	Result
Temperature (up to 175 °C)	5 min.	resistant

Storage indication: Store in a dry manner in closed (original) container at room temperature.

Further information: Safety Data Sheet SiLiglit Grade II Poly-70 colours

Product Data Sheet

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SiLiglit Polyester Glitter Grade II Poly-70 colours

First created on: 2022-01-24 Updated on: 2022-01-24
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Version: V1/2022

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*Testing the material before starting production is recommended.
Data are reference values!*

Product Data Sheet

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SiLigit Polyester Glitter Grade II Poly-70 hologram gold

First created on: 2022-01-24 Updated on: 2022-01-24
Next inspection on: 2022-12-31 Printed on: 2022-01-24 Version: V1/2022

Trade name: Polyester Glitter Grade II Poly-70 hologram gold

Application of product: Effect material for decoration and other products

Construction of the Article number:

Material	Size		Color	Shape
27	10	-	51A-70	hex

Construction of Glitter particle:



Chemical composition:

Name	Weight	CAS-No.	EG-No. (EINECS)	CI-No.
Epoxy Resin polymer	5 %	---	---	---
Color pigments	2 %	---	---	---
Aluminium	0.5 %	7429-90-5	231-072-3	77000
Polyethylene Terephthalate	92.5 %	25038-59-9	---	---

Color: 51A hologram gold

Available sizes:

Item code	Size	Thickness	Shape
27201	0.10 mm	23 µm	hexagonal
2719	0.15 mm	23 µm	hexagonal
2710	0.20 mm	23 µm	hexagonal
2701	0.40 mm	23 µm	hexagonal
2704	1.00 mm	23 µm	hexagonal

Technical data: Specific weight: 1.38 kg/dm³

Resistance:

Medium	Condition	Result
Temperature (up to 175 °C)	5 min.	resistant

Storage indication: Store in a dry manner in closed (original) container at room temperature.

Further information: Safety Data Sheet SiLigit Grade II Poly-70 gold

Product Data Sheet

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SiLigit Polyester Glitter Grade II Poly-70 hologram gold

First created on: 2022-01-24 Updated on: 2022-01-24
Next inspection on: 2022-12-31 Printed on: 2022-01-24

Version: V1/2022

Manufacturer / Supplier:

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SiLigit Polyester Glitter Grade II Poly-70 hologram silver

First created on: 2018-09-28 Updated on: 2021-05-03
Next inspection on: 2021-12-31 Printed on: 2021-05-03 Version: V3/2021

Trade name: Polyester Glitter Grade II Poly-70 hologram silver

Application of product: Effect material for decoration and other products

Construction of the Article number:

Material	Size		Colour	Shape
27	01	-	50A-70	hex

Construction of Glitter particle:



Chemical composition:

Name	Weight	CAS-No.	EG-No. (EINECS)	CI-No.
Epoxy Resin polymer	5 %	---	---	---
Aluminium	0.5 %	7429-90-5	231-072-3	77000
Polyethylene Terephthalate	94.5 %	25038-59-9	---	---

Colour: 50A hologram silver

Available sizes:

Item code	Size	Thickness	Shape
2720	0.10 mm	12 µm	hexagonal
2719	0.15 mm	23 µm	hexagonal
2710	0.20 mm	23 µm	hexagonal
2701	0.40 mm	23 µm	hexagonal

Technical data: Specific weight: 1.38 kg/dm³

Resistance:

Medium	Condition	Result
Temperature (up to 175 °C)	5 min.	resistant
MEK (Methyl Ethyl Ketone; 99%)	15 min.	resistant
Isopropanol (25%)	15 min.	resistant
Isopropanol (70%)	15 min.	resistant

Storage indication: Store in a dry manner in closed (original) container at 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 SiLigit Grade II Poly-70

Product Data Sheet



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SiLiglit Polyester Glitter Grade II Poly-70 hologram silver

First created on: 2018-09-28 Updated on: 2021-05-03
Next inspection on: 2021-12-31 Printed on: 2021-05-03

Version: V3/2021

Manufacturer / Supplier:

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SiLiglit Polyester Glitter Grade II Poly-70 silver

First created on: 2015-08-24
Next inspection on: 2021-12-31

Updated on: 2021-05-03
Printed on: 2021-05-03

Version: V7/2021

Trade name: Polyester Glitter Grade II Poly-70 silver

Application of product: Effect material for decoration and other products

Construction of the Article number:

Material	Size		Colour	Shape
27	01	-	50-70	hex

Construction of Glitter particle:



Chemical composition:

Name	Weight	CAS-No.	EG-No. (EINECS)	CI-No.
Epoxy Resin polymer	5 %	---	---	---
Aluminium	0.5 %	7429-90-5	231-072-3	77000
Polyethylene Terephthalate	94.5 %	25038-59-9	---	---

Colour: silver (No. 50)

Available sizes:

Item code	Size	Thickness	Shape
2720	0.10 mm	12 µm	hexagonal
27201	0.10 mm	23 µm	hexagonal
2719	0.15 mm	23 µm	hexagonal
2710	0.20 mm	23 µm	hexagonal
2701	0.40 mm	23 µm	hexagonal

Technical data:

Specific weight: 1.38 kg/dm³

Bulk density: between 0.25 and 0.60 kg/dm³ - depending on particle size

Resistance:

Medium	Condition	Result
Temperature (up to 175 °C)	5 min.	resistant
MEK (Methyl Ethyl Ketone; 99%)	15 min.	resistant
Isopropanol (25%)	15 min.	resistant
Isopropanol (70%)	15 min.	resistant

Storage indication: Store in a dry manner in closed (original) container at 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 II Poly-70 silver

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SiLigit Polyester Glitter Grade II Poly-70 silver

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SiLigit Polyester Glitter Grade II Poly-88 silver

First created on: 2022-01-12 Updated on: 2022-01-12
Next inspection on: 2022-12-31 Printed on: 2022-01-12 Version: V1/2022

Trade name: Polyester Glitter Grade II Poly-88 silver

Application of product: Effect material for decoration and other products

Construction of the Article number:

Material	Size		Colour	Shape
27	19	-	50-88	hex

Construction of Glitter particle:



Chemical composition:

Name	Weight	CAS-No.	EG-No. (EINECS)	CI-No.
Epoxy Resin polymer	5 %	---	---	---
Aluminium	0.5 %	7429-90-5	231-072-3	77000
Polyethylene Terephthalate	94.5 %	25038-59-9	---	---

Colour: silver (No. 50)

Available sizes:

Item code	Size	Thickness	Shape
27201	0.10 mm	23 µm	hexagonal
2719	0.15 mm	23 µm	hexagonal

Technical data: Specific weight: 1.38 kg/dm³

Resistance:

Medium	Condition	Result
Temperature (up to 175 °C)	5 min.	resistant
MEK (Methyl Ethyl Ketone; 99%)	15 min.	resistant
Isopropanol (25%)	15 min.	resistant
Isopropanol (70%)	15 min.	resistant

Storage indication: Store in a dry manner in closed (original) container at 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

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SiLiglit Polyester Glitter Grade II Poly-88 silver

First created on: 2022-01-12 Updated on: 2022-01-12
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Version: V1/2022

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Company Sigmund Lindner GmbH has established a Quality Management System according to 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.

Product Data Sheet



*The German
spirit of quality
since 1854*



SiLiglit Polyester Glitter Grade II Poly-88 silver

First created on: 2022-01-12 Updated on: 2022-01-12

Next inspection on: 2022-12-31 Printed on: 2022-01-12

Version: V1/2022

All data are reference values – subject to change without prior notice.

Product Data Sheet



The German spirit of quality since 1854



SiLiglit Polyester Glitter Grade II Poly-270 silver

First created on: 2021-09-08 Updated on: 2021-09-08
Next inspection on: 2021-12-31 Printed on: 2021-09-08

Version: V1/2021

Trade name: Polyester Glitter Grade II Poly-270 silver

Application of product: Effect material for decoration and other products

Construction of the Article number:

Material	Size		Colour	Shape
27	01	-	50-270	hex

Construction of Glitter particle:



Chemical composition:

Name	Weight	CAS-No.	EG-No. (EINECS)	CI-No.
Epoxy Resin polymer	5 %	---	---	---
Aluminium	0.5 %	7429-90-5	231-072-3	77000
Polyethylene Terephthalate	94.5 %	25038-59-9	---	---

Colour: silver (No. 50)

Available sizes:

Item code	Size	Thickness	Shape
27201	0.10 mm	23 µm	hexagonal
2719	0.15 mm	23 µm	hexagonal
2710	0.20 mm	23 µm	hexagonal
2701	0.40 mm	23 µm	hexagonal
2704	1.00 mm	23 µm	hexagonal

Technical data:

Specific weight: 1.38 kg/dm³
Bulk density: between 0.25 and 0.60 kg/dm³ - depending on particle size

Resistance:

Medium	Condition	Result
Temperature (up to 175 °C)	5 min.	resistant
MEK (Methyl Ethyl Ketone; 99%)	15 min.	resistant
Isopropanol (25%)	15 min.	resistant
Isopropanol (70%)	15 min.	resistant

Storage indication: Store in a dry manner in closed (original) container at 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 II Poly-270 silver

Product Data Sheet



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SiLiglit Polyester Glitter Grade II Poly-270 silver

First created on: 2021-09-08 Updated on: 2021-09-08
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Version: V1/2021

Manufacturer / Supplier:

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