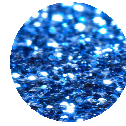


# Product Data Sheet



The German  
spirit of quality  
since 1854



## SiLigit Cosmetic Iris

First created on: 2011-08-30  
Next inspection on: 2022-12-31

Updated on: 2022-02-04  
Printed on: 2022-02-04

Version: V16/2022

## SiLigit Cosmetic Iris

**Application of product:** Raw material / additive for cosmetics – Iridescent Effect

### Construction of the Article number:

Material	Size		Colour		Shape
25	10	—	472IK-3	—	hex

### Chemical composition:

Colours	EU INCI name	Content	CI-No.	CAS-No.	EINECS
	Polyethylene Terephthalate	approx. 85 %	N/A	25038-59-9	--
	Acrylates Copolymer	approx. 13.7 %	N/A	25035-69-2	--
472IK-3	lemon	max. 1.3 %	19140:1	12225-21-7	235-428-9
476IK-3	rose		16035	25956-17-6	247-368-0
482IK-3	mint		19140:1	12225-21-7	235-428-9
			CI 42090	42090:2	15792-67-3

### Available sizes:

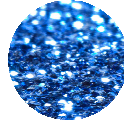
Artikel-No.	Size		Gauge / thickness metric / Inch	Shape
	metric	Inch		
2517	1.60 x 0.30 mm	0.062 x 0.0125"	0.030 mm / 0.0013"	rectangular
2514	3.10 x 0.20 mm	0.125 x 0.008"	0.030 mm / 0.0013"	rectangular
2518	3.10 x 0.30 mm	0.125 x 0.0125"	0.030 mm / 0.0013"	rectangular
2519	0.15 mm	0.006"	0.030 mm / 0.0013"	hexagonal
2510	0.20 mm	0.008"	0.030 mm / 0.0013"	hexagonal
2501	0.40 mm	0.015"	0.030 mm / 0.0013"	hexagonal
25025	0.50 mm	0.020"	0.030 mm / 0.0013"	hexagonal
2502	0.60 mm	0.025"	0.030 mm / 0.0013"	hexagonal
2503	0.80 mm	0.032"	0.030 mm / 0.0013"	hexagonal
2504	1.00 mm	0.040"	0.030 mm / 0.0013"	hexagonal
2508	1.60 mm	0.062"	0.030 mm / 0.0013"	hexagonal
2509	2.50 mm	0.094"	0.030 mm / 0.0013"	hexagonal
25095	3.00 mm	0.125"	0.030 mm / 0.0013"	hexagonal

### Resistance:

Medium	Conditions	Result
MEK (Methyl Ethyl Ketone; 99%)*)	15 min / 23°C	not resistant
Isopropanol (25%)*)	15 min / 23°C	resistant
Isopropanol (70%)*)	15 min / 23°C	resistant
Ammoniak*)	30 min / 23°C	restistant

\*) SiLi test method

# Product Data Sheet



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## SiLigit Cosmetic Iris

First created on: 2011-08-30      Updated on: 2022-02-04  
Next inspection on: 2022-12-31      Printed on: 2022-02-04

Version: V16/2022

SiLigit Cosmetic Iris are understood to be allowed for use in cosmetics and are examined for restricted substances in accordance with the EU, U.S. and JP Cosmetic Regulations. Final application choice, end product approval and ingredient listing are the responsibility of the customer.

Sigmund Lindner GmbH has established a Quality Management System according to ISO 9001. The production of Cosmetic Glitter is certified according to ISO 22716:2007 Cosmetics - Good Manufacturing Practices (GMP).

### Technical data:

Specific weight: 1.30 kg/dm<sup>3</sup>  
Bulk density: between 0.25 and 0.75 kg/dm<sup>3</sup> - depending on particle size

**Storage indication:** Store in a dry manner in closed (original) container by room temperature.  
We recommend a processing within 30 months.

**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:** Material Safety Data Sheet SiLigit Cosmetic Iris  
Test reports, shade card

### Manufacturer / Supplier:

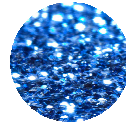
Sigmund Lindner GmbH  
Oberwarmensteinacher Str. 38  
95485 Warmensteinach / GERMANY  
Phone: +49-9277-9940  
Fax: +49-9277-99499  
Web: [www.sili.eu](http://www.sili.eu)  
E-Mail: [info@sili.eu](mailto:info@sili.eu)

### Responsible:

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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*

# Product Data Sheet



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## SiLigit Cosmetic Glitter opaque

First created on: 2014-01-24 Updated on: 2022-02-04  
 Next inspection on: 2022-12-31 Printed on: 2022-02-04

Version: V18/2022

### SiLigit Cosmetic Glitter opaque

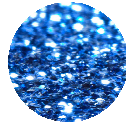
**Application of product:** Raw material / additive for cosmetics

**Chemical composition:**

Component		EU INCI name	Content	CAS-No.	EINECS
Polyurethane		Polyurethane-11	3 %	68258-82-2	N/A
Polyethylene Terephthalate		Polyethylene Terephthalate	74.7 %	25038-59-9	N/A
Barium Sulfate*)		Barium Sulfate	16 %	7727-43-7	231-784-4
Pigment White		CI 77891	5 %	13463-67-7	236-675-5
Colours:					
03PK-3	Magenta opaque	CI 15850	0.8 %	5281-04-9	226-109-5
		CI 77510	0.5 %	25869-00-5	247-304-1
06PK-3	Nude opaque	CI 77491	0.4 %	1332-37-2	215-570-8
		CI 77266 (nano)	0.3 %	1333-86-4	215-609-9
		CI 19140	0.6 %	12225-21-7	235-428-9
22PK-3	Moos green opaque	CI 19140	0.6 %	12225-21-7	235-428-9
		CI 77510	0.5 %	25869-00-5	247-304-1
		CI 77266 (nano)	0.2 %	1333-86-4	215-609-9
32PK-3	Gunmetal opaque	CI 15850	0.5 %	5281-04-9	226-109-5
		CI 77510	0.5 %	25869-00-5	247-304-1
		CI 77266 (nano)	0.3 %	1333-86-4	215-609-9
33PK-3	Pink opaque	CI 15850	0.9 %	5281-04-9	226-109-5
		CI 19140	0.4 %	12225-21-7	235-428-9
36PK-3	Light pink opaque	CI 16035	1.3 %	25956-17-6	247-368-0
46PK-3	Marigold opaque	CI 15850	0.3 %	5281-04-9	226-109-5
		CI 19140	1.0 %	12225-21-7	235-428-9
47PK-3	Lavender opaque	CI 15850	0.5 %	5281-04-9	226-109-5
		CI 77510	0.8 %	25869-00-5	247-304-1
54PK-3	Royal Blue opaque	CI 15850	0.3 %	5281-04-9	226-109-5
		CI 77510	1.0 %	25869-00-5	247-304-1
55PK-3	Turquoise opaque	CI 19140	0.4 %	12225-21-7	235-428-9
		CI 77510	0.9 %	25869-00-5	247-304-1
56PK-3	Purple opaque	CI 15850	0.7 %	5281-04-9	226-109-5
		CI 77510	0.6 %	25869-00-5	247-304-1
61PK-3	Lime Green opaque	CI 19140	0.8 %	12225-21-7	235-428-9
		CI 77510	0.5 %	25869-00-5	247-304-1
62PK-3	Blue opaque	CI 15850	0.6 %	5281-04-9	226-109-5
		CI 77510	0.7 %	25869-00-5	247-304-1
65PK-3	Green opaque	CI 19140	0.9 %	12225-21-7	235-428-9
		CI 77510	0.4 %	25869-00-5	247-304-1
78PK-3	Peach opaque	CI 19140	0.6 %	12225-21-7	235-428-9
		CI 16035	0.7 %	25956-17-6	247-368-0
81PK-3	Yellow opaque	CI 19140	1.1 %	12225-21-7	235-428-9
		CI 77510	0.2 %	25869-00-5	247-304-1
90PK-3	Crimson opaque	CI 15850	1.0 %	5281-04-9	226-109-5
		CI 19140	0.1 %	12225-21-7	235-428-9
		CI 77510	0.1 %	25869-00-5	247-304-1
		CI 77266 (nano)	0.1 %	1333-86-4	215-609-9
109PK-3	Western blue opaque	CI 19140	0.3 %	12225-21-7	235-428-9
		CI 77510	1.0 %	25869-00-5	247-304-1
402PK-3	Stone opaque	CI 77266 (nano)	1.3 %	1333-86-4	215-609-9

\*) Barium Sulfate is not used as a pigment

# Product Data Sheet



*The German spirit of quality since 1854*



## SiLigit Cosmetic Glitter opaque

First created on: 2014-01-24 Updated on: 2022-02-04  
 Next inspection on: 2022-12-31 Printed on: 2022-02-04

Version: V18/2022

### Construction of the Article number:

Material	Size		Colour		Coating / Film
25	10	—	47PK	—	3hex

### Technical data:

Thickness: 45 µm  
 Heat resistance: 175 °C (1 Minute)

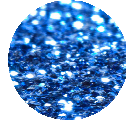
### Available sizes:

Size particle		Item Number	Shape		
			■ sq	⬡ hex	▭ rec
0.20 x 0.10 mm	0.008 x 0.004"	Art. 25151			X
0.90 x 0.10 mm	0.035 x 0.004"	Art. 2516			X
0.90 x 0.20 mm	0.035 x 0.008"	Art. 25165			X
1.60 x 0.15 mm	0.062 x 0.006"	Art. 2513			X
1.60 x 0.30 mm	0.062 x 0.0125"	Art. 2517			X
1.60 x 0.40 mm	0.062 x 0.015"	Art. 25135			X
3.10 x 0.20 mm	0.125 x 0.008"	Art. 2514			X
3.10 x 0.30 mm	0.125 x 0.0125"	Art. 2518			X
3.10 x 1.60 mm	0.125 x 0.062"	Art. 25175			X
0.10 mm	0.004" hex/sq	Art. 25201	X	X	
0.15 mm	0.006" hex/sq	Art. 2519	X	X	
0.20 mm	0.008" hex/sq	Art. 2510	X	X	
0.40 mm	0.015" hex/sq	Art. 2501	X	X	
0.50 mm	0.020" hex/sq	Art. 25025	X	X	
0.60 mm	0.025" hex/sq	Art. 2502	X	X	
1.00 mm	0.040" hex/sq	Art. 2504	X	X	
1.60 mm	0.062" hex/sq	Art. 2508	X	X	
2.50 mm	0.094" hex/sq	Art. 2509	X	X	
3.00 mm	0.125" hex/sq	Art. 25095	X	X	
2.00 mm	0.080"	Art. 259020	diamonds		
3.00 mm	0.125"	Art. 254030	hearts		
3.00 mm	0.125"	Art. 255030	stars		
3.00 mm	0.125"	Art. 256030	dots		
4.00 mm	0.156"	Art. 258040	daisies		

SiLigitam Cosmetic Effect are understood to be allowed for use in cosmetics and are examined for restricted substances in accordance with the EU, US, and JP Cosmetic Regulations. Final application choice, end product approval and ingredient listing are the responsibility of the customer.

Sigmund Lindner GmbH has established a Quality Management System according to ISO 9001. The production of Cosmetic Glitter is certified according to ISO 22716:2007 Cosmetics - Good Manufacturing Practices (GMP).

# Product Data Sheet



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## SiLiglit Cosmetic Glitter opaque

First created on: 2014-01-24  
Next inspection on: 2022-12-31

Updated on: 2022-02-04  
Printed on: 2022-02-04

Version: V18/2022

**Storage indication:** Store in a dry manner in closed (original) container by room temperature. We recommend a processing within 30 months.

**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:** Material Safety Data Sheet SiLiglit Cosmetic Glitter  
Test reports / Shade card

### Manufacturer / Supplier:

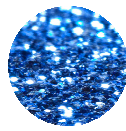
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Fax: +49-9277-99499  
Web: [www.sili.eu](http://www.sili.eu)  
E-Mail: [info@sili.eu](mailto:info@sili.eu)

### Responsible:

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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.*

# Product Data Sheet



The German spirit of quality since 1854



## SiLiglit Cosmetic

First created on: 2013-12-11 Updated on: 2021-12-09  
 Next inspection on: 2022-12-31 Printed on: 2021-12-09

Version: V70/2021

**Application of product:** Raw material / additive for cosmetics

### Construction of the Article number:

Material	Size		Colour	Form
25	20	—	51K-3	sq

## Cosmetic Glitter COSM-3 PU

### Construction of Cosmetic Glitter:



### Chemical composition:

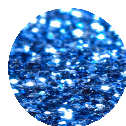
Component	EU INCI Name	Weight	CAS-No.	EINECS
Polyurethane Coating	Polyurethane-11	2.5 - 3.2 %	68258-82-2	none
DC Red 7	CI 15850	depends on article; between 0 - 1.3 %	5281-04-9	226-109-5
FD&C Yellow 5	CI 19140		12225-21-7	235-428-9
Pigment Blue 27	CI 77510		25869-00-5	247-304-1
Iron Oxide Red	CI 77491		1332-37-2	215-570-8
Carbon Black	CI 77266 (nano)		1333-86-4	215-609-9
FD&C Red No. 40	CI 16035		25956-17-6	247-368-0
FD&C Blue No. 1	CI 42090		15792-67-3	239-897-0
Aluminium *)	CI 77000		0 - 0.1 %	7429-90-5
Polyethylene Terephthalate	Polyethylene Terephthalate	95.4-97.5 %	25038-59-9	none

\*) 0 % Aluminium: Colours 33EK-3 and 33EK-IMIX

### Available sizes:

Size particle		Gauge / thickness			Shape		
		0,013mm 0.0005"	0,025mm 0.0010"	0,075mm 0.0030"	sq	hex	rec
0.10 x 0.05 mm	0.004 x 0.002"	Art 2525	Art. 25251			X	
0.20 x 0.10 mm	0.008 x 0.004"	Art 2515	Art. 25151			X	
0.90 x 0.10 mm	0.035 x 0.004"		Art. 2516			X	
0.90 x 0.20 mm	0.035 x 0.008"		Art. 25165			X	
1.60 x 0.15 mm	0.062 x 0.006"		Art. 2513			X	
1.60 x 0.30 mm	0.062 x 0.0125"		Art. 2517			X	

# Product Data Sheet



The German spirit of quality since 1854



## SiLigit Cosmetic

First created on: 2013-12-11

Updated on: 2021-12-09

Next inspection on: 2022-12-31

Printed on: 2021-12-09

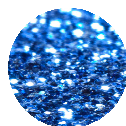
Version: V70/2021

Size particle		Gauge / thickness			Shape		
		0,013mm 0.0005"	0,025mm 0.0010"	0,075mm 0.0030"	■ sq	● hex	■ rec
1.60 x 0.40 mm	0.062 x 0.015"		Art. 25135			X	
3.10 x 0.20 mm	0.125 x 0.008"		Art. 2514			X	
3.10 x 0.20 mm	0.125 x 0.008"		Art. 2514			X	
3.10 x 0.30 mm	0.125 x 0.0125"		Art. 2518			X	
3.10 x 1.60 mm	0.125 x 0.062"		Art. 25175			X	
0.10 mm	0.004" hex/sq	Art 2520	Art. 25201	X	X		
0.15 mm	0.006" hex/sq		Art. 2519	X	X		
0.20 mm	0.008" hex		Art. 2510		X		
0.40 mm	0.015" hex		Art. 2501		X		
0.50 mm	0.020" hex		Art. 25025		X		
0.60 mm	0.025" hex		Art. 2502		X		
1.00 mm	0.040" hex		Art. 2504		X		
1.60 mm	0.062" hex		Art. 2508		X		
2.50 mm	0.094" hex		Art. 2509		X		
3.00 mm	0.125" hex		Art. 25095		X		
2.00 mm	0.080"		Art. 259020			diamonds	
3.00 mm	0.125"			Art. 254030		hearts	
3.00 mm	0.125"			Art. 255030		stars	
3.00 mm	0.125"			Art. 256030		dots	
4.00 mm	0.156"			Art. 258040		daisies	
0.40 / 1.00 mm	0.015" / 0.040" hex		Art. 250401			Glitter-Mix	
approx. 0.90 mm	approx. 0.035"		Art. 2535			random	

### Colors / Pigments:

Color		CI-Number		
02K-3	sand	77000	15850	19140
05K-3	medium violet	77000	15850	77510
08K-3	turquoise	77000	19140	77510
08K-3-SMIX	turquoise	77000	19140	77510
17K-3	blue teal	77000	77510	19140
21K-3	river green	77000	19140	77510
27K-3	hot pink	77000	15850	19140
33EK-3	neon deep pink	15850	19140	
33EK-IMIX	neon deep pink iridescent	15850	19140	
35K-3	amethyst	77000	15850	77510
36K-3	pink	77000	15850	19140
36AK-3	pink hologram	77000	15850	19140
39K-3	mallows rose	77000	15850	19140
40K-3	dark gold	77000	15850	19140
41AK-3	light lavender hologram	77000	15850	77510
43K-3	sahara	77000	15850	19140
44K-3	crimson pink	77000	15850	19140
47K-3	lavender	77000	15850	77510
47AK-MIX	lavender hologram	77000	15850	77510

# Product Data Sheet



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## SiLigit Cosmetic

First created on: 2013-12-11

Updated on: 2021-12-09

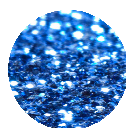
Next inspection on: 2022-12-31

Printed on: 2021-12-09

Version: V70/2021

Color		CI-Number			
51K-3	gold	77000	15850	19140	
51AK-3	gold hologram	77000	15850	19140	
51AK-MIX	gold mix	77000	15850	19140	
52K-3	red	77000	15850	19140	
54K-3	blue	77000	77510		
55K-3	aqua	77000	19140	77510	
56K-3	purple	77000	15850	77510	
56K-SMIX	purple	77000	15850	77510	
56AK-3	purple hologram	77000	15850	77510	
57K-3	fuchsia	77000	15850	19140	77510
57AK-3	fuchsia hologram	77000	15850	19140	77510
57K-MIX	fuchsia mix	77000	15850	19140	77510
58K-3	black	77000	77266		
58AK-3	black hologram	77000	77266		
58AK-MIX	black hologram mix	77000	77266		
59K-3	copper	77000	15850	19140	
59K-MIX	rose	77000	15850	19140	
61K-3	lime green	77000	19140	77510	42090
62K-3	light blue	77000	19140	77510	
84K-3	jade	77000	19140	77510	42090
89K-3	cinnamom	77000	15850	19140	77266
90K-3	crimson	77000	15850	19140	
111K-3	yellow gold	77000	15850	19140	
112K-3	deep gold	77000	15850	19140	
118K-3	pale gold	77000	19140	77491	
130K-3	deep blackgold	77000	15850	19140	77266
132K-3	platin	77000	15850	77510	77266
132AK-3	gunmetal hologram	77000	15850	77510	77266
258-3	green black iridescent	77000	19140	77510	77266 42090
404K-3	bronze	77000	19140	15850	77266
440K-3	dark gold	77000	16035	19140	
440K-SMIX	chit chat gold	77000	16035	19140	
443K-3	sahara	77000	16035	19140	
443AK-3	sahara hologram	77000	16035	19140	
458-3	purple black iridescent	77000	15850	77510	77266
4112K-3	deep gold	77000	16035	19140	
767K-3	multi	77000	15850	19140	77510 42090
838K-3	rose	77000	16035	19140	
847K-3	dark orchid	77000	16035	77510	
852K-3	antique red	77000	16035	19140	
867K-3	multi	77000	19140	77510	16035 42090
889K-3	bright bronze	77000	16035	19140	77266
890K-3	ruby red	77000	16035	19140	





## SiLiglit Cosmetic

First created on: 2013-12-11      Updated on: 2021-12-09  
 Next inspection on: 2022-12-31      Printed on: 2021-12-09

Version: V70/2021

### Technical data:

Specific weight: 1.38 kg/dm<sup>3</sup>  
 Bulk density: between 0.25 and 0.60 kg/dm<sup>3</sup> - depending on particle size

### Resistance:

Medium	Condition	Result
Temperature	up to 175°C	resistant
Isopropanol (25%)	15 min.	partial resistant *)
Isopropanol (70%)	15 min.	partial resistant *)
Demineralized H <sub>2</sub> O	3 months	resistant

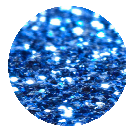
\*) depending on used Pigments

## Cosmetic Glitter Cosmetic Iris Mix

### Chemical composition:

Component	EU INCI Name	Weight	CAS-No.	EINECS
Polyurethane Coating	Polyurethane-11	1 - 2 %	68258-82-2	none
DC Red 7	CI 15850	depends on article; between 0 - 1.3 %	5281-04-9	226-109-5
FD&C Yellow 5	CI 19140		12225-21-7	235-428-9
Pigment Blue 27	CI 77510		25869-00-5	247-304-1
Iron Oxide Red	CI 77491		1332-37-2	215-570-8
Carbon Black	CI 77266 (nano)		1333-86-4	215-609-9
FD&C Red No. 40	CI 16035		25956-17-6	247-368-0
Aluminium	CI 77000	0.1 %	7429-90-5	231-072-3
Polyethylene Terephthalate	Polyethylene Terephthalate	40 - 80 %	25038-59-9	none
Polybutylene Terephthalate	Polybutylene Terephthalate	10 - 40 %	26062-94-2	none
Acrylates Copolymer	Acrylates Copolymer	5 - 12 %	25035-69-2	none
Ethylene Vinyl Acetate Copolymer	Ethylene / VA Copolymer	5 - 12 %	24937-78-8	none

# Product Data Sheet



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## SiLigit Cosmetic

First created on: 2013-12-11 Updated on: 2021-12-09  
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Version: V70/2021

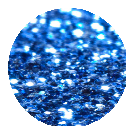
### Available sizes:

Size particle		Gauge / thickness 0.025 mm – 0.050 mm 0.0010" - 0.0020"	Form		
			■ sq	⬡ hex	▭ rec
0.10 mm	0.004" hex/sq	Art. 25201	X	X	
0.15 mm	0.006" hex/sq	Art. 2519	X	X	
0.20 mm	0.008" hex	Art. 2510		X	
0.40 mm	0.015" hex	Art. 2501		X	
0.60 mm	0.025" hex	Art. 2502		X	
1.00 mm	0.040" hex	Art. 2504		X	

### Colors / Pigments:

Color		CI-Number			
05K-IMIX	sky-blue iridescent	77000	15850	77510	19140
36K-112K-IMIX	rosegold iridescent	77000	15850	19140	
36K-4112K-IMIX	rosegold iridescent	77000	15850	19140	16035
44K-IMIX	salmon pink	77000	15850	19140	
44AK-IMIX	salmon pink iridescent	77000	15850	19140	
47AK-IMIX	lavender light iridescent	77000	15850	77510	
49K-IMIX	maize iridescent	77000	19140	77510	42090
50A-IMIX	silver hologram iridescent	77000			
54K-50-IMIX	blue silver iridescent	77000	77510		
55K-IMIX	aqua iridescent	77000	19140	77510	
56K-IMIX	purple iridescent	77000	15850	77510	
58-IMIX	black iridescent	77000	77266		
58-IMIX-2	black iridescent S 300	77000	77266		
58-55K-IMIX	darkgreen iridescent	77000	77266	19140	77510
62K-IMIX	blue iridescent	77000	19140	77510	
90K-IMIX	crimson iridescent	77000	15850	19140	
112K-IMIX	deep gold iridescent	77000	15850	19140	
133K-IMIX	brick-red iridescent	77000	15850	19140	
258-3	green black iridescent	77000	19140	77510	77266 42090
438K-IMIX	salmon pink	77000	16035	19140	
438K-4112K-IMIX	rose gold iridescent	77000	16035	19140	
444AK-IMIX	salmon pink iridescent	77000	15850	16035	19140
447AK-IMIX	lavender light	77000	15850	16035	77510
447AK-IMIX-2	lavender light iridescent	77000	16035	77510	
458-3	purple black iridescent	77000	15850	77510	77266
<b>Glitter-/Motivmix</b>					
Art. 25803-58-IMIX	black iridescent	77000	15850	77510	77266
Art. 25804-57K-MIX	Motivmix fuchsia	77000	19140	77510	15850
Art. 25805-51K-MIX	Motivmix gold	77000	15850	19140	
Art. 25806-47K-MIX	Motivmix lavender	77000	15850	77510	
Art. 25807-96K-MIX	Motivmix blue	77000	77510		

# Product Data Sheet



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## SiLiglit Cosmetic

First created on: 2013-12-11      Updated on: 2021-12-09  
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Version: V70/2021

### Technical data:

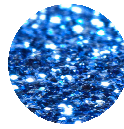
Specific weight: 1.38 kg/dm<sup>3</sup>  
Bulk density: between 0.25 and 0.60 kg/dm<sup>3</sup> - depending on particle size

### Resistance:

Medium	Condition	Result
Temperature	up to 150°C	resistant
Isopropanol (25%)	15 min.	partial resistant *)
Isopropanol (70%)	15 min.	partial resistant *)
Demineralized H <sub>2</sub> O	3 months	resistant

\*) depending on used Pigments

# Product Data Sheet



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## SiLiglit Cosmetic

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Version: V70/2021

## Polyester Glitter Grade I Poly-3 PU

### Construction of Cosmetic Glitter:



### Chemical composition:

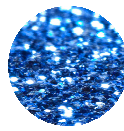
Component	EU INCI Name	Weight	CAS-No.	EINECS
Polyurethane Coating	Polyurethane-11	2.5 - 3.2 %	68258-82-2	none
Red 122	CI 73915	depends on article; between 0 - 1.3 %	980-26-7	213-561-3
Yellow 83	CI 21108		567-15-7	226-939-8
Blue 15	CI 74160		147-14-8	205-685-1
Green 7	CI 74260		1328-53-6	215-524-7
Violet 23	CI 51319		6358-30-1	228-767-9
Titanium Dioxide	CI 77891		13463-67-7	236-675-5
Carbon Black	CI 77266 (nano)		1333-86-4	215-609-9
Aluminium*)	CI 77000	0 - 0.1 %	7429-90-5	231-072-3
Polyethylene Terephthalate	Polyethylene Terephthalate	95.4-97.4 %	25038-59-9	none

\*) 0 % Aluminium: Color 11-3

### Available sizes:

Size particle		Gauge / thickness			Form		
		0.013mm 0.0005"	0.025mm 0.0010"	0.075mm 0.0030"	■ sq	● hex	■ rec
0.075 x 0.05 mm	0.003 x 0.002"	Art 2529				X	
0.10 x 0.05 mm	0.004 x 0.002"	Art 2525	Art. 25251			X	
0.20 x 0.10 mm	0.008 x 0.004"	Art 2515	Art. 25151			X	
0.90 x 0.10 mm	0.035 x 0.004"		Art. 2516			X	
1.60 x 0.30 mm	0.062 x 0.0125"		Art. 2517			X	
3.10 x 0.20 mm	0.125 x 0.008"		Art. 2514			X	
3.10 x 0.30 mm	0.125 x 0.0125"		Art. 2518			X	
0.10 mm	0.004" hex/sq	Art. 2520	Art. 25201		X	X	
0.15 mm	0.006" hex/sq		Art. 2519		X	X	
0.20 mm	0.008" hex		Art. 2510			X	
0.40 mm	0.015" hex		Art. 2501			X	
0.50 mm	0.020" hex		Art. 25025			X	
0.60 mm	0.025" hex		Art. 2502			X	
0.80 mm	0.032" hex		Art. 2503			X	
1.00 mm	0.040" hex		Art. 2504			X	
1.60 mm	0.062" hex		Art. 2508			X	
2.50 mm	0.094" hex		Art. 2509			X	
3.00 mm	0.125" hex		Art. 25095			X	

# Product Data Sheet



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Size particle		Gauge / thickness			Form
		0.013mm 0.0005"	0.025mm 0.0010"	0.075mm 0.0030"	
2.00 mm	0.080"		Art. 259020		diamonds
3.00 mm	0.125"			Art. 254030	hearts
3.00 mm	0.125"			Art. 255030	stars
3.00 mm	0.125"			Art. 256030	dots
4.00 mm	0.156"			Art. 258040	daisies
0.40 / 1.00 mm	0.015" / 0.040"hex		Art. 250401		Glitter-Mix
approx. 0.90 mm	approx. 0.035"		Art. 2535		random

### Colors / Pigments:

Color	CI-Number			
04-3 bronze	77000	73915	21108	
11-3 clear	---			
22-3 moos green	77000	21108	74260	
23-3 apple red	77000	73915	74160	
31-3 blue gunmetal	77000	74160	77266	
32-3 gunmetal	77000	74160	77266	
50-3 silver	77000			
50-SMIX silver	77000			
51-3 gold	77000	73915	21108	
52-3 red	77000	73915	21108	
53-3 green	77000	21108	74160	
54-3 blue	77000	74160		
55-3 aqua	77000	74260	74160	
66-3*) white	77891			

\*) contains 5% CI77891 and 16 % Barium sulfate - CAS 7727-43-7. Barium sulfate is not used as a color pigment.

### Technical data:

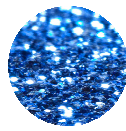
Specific weight: 1.38 kg/dm<sup>3</sup>

Bulk density: between 0.25 and 0.60 kg/dm<sup>3</sup> - depending on particle size

### Resistance:

Medium	Condition	Result
Temperature	up to 175°C	resistant
MEK (Methyl Ethyl Ketone; 99%)	15 min	resistant
Isopropanol (25%)	15 min.	resistant
Isopropanol (70%)	15 min.	resistant
Demineralized H <sub>2</sub> O	3 months	resistant

# Product Data Sheet



The German spirit of quality since 1854



## SiLigit Cosmetic

First created on: 2013-12-11 Updated on: 2021-12-09  
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Version: V70/2021

## Polyester Glitter Grade I Holo-3 PU

### Construction of Cosmetic Glitter:



### Chemical composition:

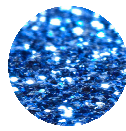
Component	EU INCI Name	Weight	CAS-No.	EINECS
Polyurethane Coating	Polyurethane-11	2.5 - 3.2 %	68258-82-2	none
Red 122	CI 73915	depends on article; between 0 - 1.3 %	980-26-7	213-561-3
Yellow 83	CI 21108		5567-15-7	226-939-8
Blue 15	CI 74160		147-14-8	205-685-1
Green 7	CI 74260		1328-53-6	215-524-7
Violet 23	CI 51319		6358-30-1	228-767-9
Titanium Dioxide	CI 77891		13463-67-7	236-675-5
Carbon Black	CI 77266 (nano)		1333-86-4	215-609-9
Aluminium	CI 77000	0.1 %	7429-90-5	231-072-3
Polyethylene Terephthalate	Polyethylene Terephthalate	95.4-97.4 %	25038-59-9	none

### Available sizes:

Size particle		Gauge / thickness		Form		
		0.025 mm 0.0010"	0.050 mm 0.0020"	■ sq	● hex	■ rec
0.075 x 0.05 mm	0.003 x 0.002"	Art. 2529 *)				X
0.10 x 0.05 mm	0.004 x 0.002"	Art. 2525	Art. 25251			X
0.20 x 0.10 mm	0.008 x 0.004"	Art. 2515	Art. 25151			X
0.90 x 0.10 mm	0.035 x 0.004"		Art. 2516			X
1.60 x 0.30 mm	0.062 x 0.0125"		Art. 2517			X
3.10 x 0.20 mm	0.125 x 0.008"		Art. 2514			X
3.10 x 0.30 mm	0.125 x 0.0125"		Art. 2518			X
0.075 mm	0.003" sq.	Art. 2527 *)		X		
0.10 mm	0.004" hex/sq	Art. 2520		X	X	
0.15 mm	0.006" hex/sq		Art. 2519	X	X	
0.20 mm	0.008" hex		Art. 2510		X	
0.40 mm	0.015" hex		Art. 2501		X	
0.50 mm	0.020" hex		Art. 25025		X	
0.60 mm	0.025" hex		Art. 2502		X	
0.80 mm	0.032" hex		Art. 2503		X	
1.00 mm	0.040" hex		Art. 2504		X	
1.60 mm	0.062" hex		Art. 2508		X	
2.50 mm	0.094" hex		Art. 2509		X	
3.00 mm	0.125" hex		Art. 25095		X	
random			Art. 2550			unregular
2.00 mm	0.080"		Art. 259020			diamonds

\*) only available in 50A (silver) and 51A (gold)

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Size particle		Gauge / thickness		Form
		0.025 mm 0.0010"	0.050 mm 0.0020"	
3.00 mm	0.125"		Art. 254030	hearts
3.00 mm	0.125"		Art. 255030	stars
3.00 mm	0.125"		Art. 256030	dots
4.00 mm	0.156"		Art. 258040	daisies
0.40 / 1.00 mm	0.015" / 0.040" hex		Art. 250401	Glitter-Mix
approx. 0.90 mm	approx. 0.035"		Art. 2535	random

### Colors / Pigments:

Color	CI-Number
32A-3 Hologram gunmetal	77000 74160 77266
36A-3 Hologram rose	77000 73915
47A-3 Hologram lavender	77000 51319
50A-3 Hologram silver	77000
51A-3 Hologram gold	77000 73915 21108
52A-3 Hologram red	77000 73915 21108
55A-3 Hologram aqua	77000 74260 74160
59A-3 Hologram copper	77000 73915 21108
62A-3 Hologram light blue	77000 74160 74260
62A-SMIX Hologram light blue	77000 74160 74260
78A-3 Hologram orange	77000 73915 21108

### Technical data:

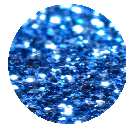
Specific weight: 1.38 kg/dm<sup>3</sup>

Bulk density: between 0.25 and 0.60 kg/dm<sup>3</sup> - depending on particle size

### Resistance:

Medium	Condition	Result
Temperature	up to 175°C	resistant
MEK (Methyl Ethyl Ketone; 99%)	15 min	resistant
Isopropanol (25%)	15 min.	resistant
Isopropanol (70%)	15 min.	resistant
Demineralized H <sub>2</sub> O	3 months	resistant

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**Storage indication:** Store in a dry manner in closed (original) container by room temperature.  
We recommend a processing within 36 months.

**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 Cosmetic Glitter  
Test Reports

All listed Cosmetic Glitters are examined for restricted substances in accordance with the European Cosmetic Regulation (EC/1223/2009) and under the premise that they are allowed for use in cosmetics. The company who put the cosmetic product under its own label or name on the market has to apply for the permission of the product.

Sigmund Lindner GmbH has established a Quality Management System according to ISO 9001. The production of Cosmetic Glitter is certified according to DIN EN ISO 22716:2008 Cosmetics - Good Manufacturing Practices (GMP).

For any further information like test reports, shade card and MSDS please contact your product manager.

**Manufacturer / Supplier:** Sigmund Lindner GmbH  
Oberwarmensteinacher Str. 38  
95485 Warmensteinach / GERMANY  
Phone: +49-9277-9940  
Fax: +49-9277-99499  
Web: [www.sili.eu](http://www.sili.eu)  
E-Mail: [sili@sili.eu](mailto: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  
Phone: +49-9277-99483  
Fax: +49-9277-99489  
E-Mail: [pschierer@sili.eu](mailto:pschierer@sili.eu)

*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.*