

# SiLiglit Polyester Glitter Grade II

## Product Data Sheet

Version: V15/2018

First created on: 2013-04-26  
Next inspection on: 2018-12-31Updated on: 2018-01-04  
Printed on: 2018-01-04

### Manufacturer / Supplier:

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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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**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   | — | 54-11  | hex  |

### Construction of Glitter particle:



### Chemical composition:

| Name                              | Weight                              | CAS-No.    | EG-No. (EINECS) | CI-No.    |
|-----------------------------------|-------------------------------------|------------|-----------------|-----------|
| Epoxy Resin polymer <sup>*)</sup> | 5,3 %                               | ---        | ---             | none      |
| Solvents                          | 1,4 %                               |            |                 |           |
| Solvent Yellow 21                 | depends on Article between 0 -1,4 % | 5601-29-6  | 227-022-5       | none      |
| Solvent Red 122                   |                                     | 12227-55-3 | none            | none      |
| Solvent Red 127                   |                                     | 61969-48-0 | none            | none      |
| Solvent Red 218                   |                                     | 82347-07-7 | none            | none      |
| Solvent Blue 70                   |                                     | 12237-24-0 | none            | 74400     |
| Solvent Black 27                  |                                     | 12237-22-8 | none            | none      |
| Solvent Yellow 135                |                                     | 68427-35-0 | none            | none      |
| Rhodamine B                       |                                     | 81-88-9    | none            | none      |
| Colorant Violet                   |                                     | 3248-91-7  | none            | none      |
| Basic Red                         |                                     | 3068-39-1  | none            | none      |
| Green 7                           |                                     | 1328-53-6  | 215-524-7       | 74260     |
| Blue 15                           |                                     | 147-14-8   | 205-685-1       | 74160     |
| Colorant Red                      |                                     | 26694-69-9 | none            | none      |
| Aluminium                         |                                     | 0,4 %      | 7429-90-5       | 231-072-3 |
| Polyethylene Terephthalate        | 92,9 %                              | 25038-59-9 | none            | ---       |

<sup>\*)</sup> which are hardened after the production process, middle molecular weight > 700

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### Available sizes:

| Size particle |                 | Gauge / thickness  |                    |                    | Form        |
|---------------|-----------------|--------------------|--------------------|--------------------|-------------|
|               |                 | 0,019mm<br>0.0008" | 0,038mm<br>0.0011" | 0,050mm<br>0.0020" |             |
| 0,075 mm      | 0.003" hex      | Art. 2727          |                    |                    | hexagonal   |
| 1,60x0,30mm   | 0.062 x 0.0125" |                    | Art. 2717          |                    | rectangular |
| 0,10 mm       | 0.004" hex      |                    | Art. 27201         |                    | hexagonal   |
| 0,20 mm       | 0.008" hex      |                    | Art. 2710          |                    | hexagonal   |
| 0,30 mm       | 0.012" hex      |                    | Art. 27015         |                    | hexagonal   |
| 0,40 mm       | 0.015" hex      |                    | Art. 2701          |                    | hexagonal   |
| 0,50 mm       | 0.020" hex      |                    | Art. 27025         |                    | hexagonal   |
| 0,60 mm       | 0.025" hex      |                    | Art. 2702          |                    | hexagonal   |
| 0,80 mm       | 0.032" hex      |                    | Art. 2703          |                    | hexagonal   |
| 1,00 mm       | 0.040" hex      |                    | Art. 2704          |                    | hexagonal   |
| 1,30 mm       | 0.052" hex      |                    | Art. 2706          |                    | hexagonal   |
| 1,60 mm       | 0.062" hex      |                    | Art. 2708          |                    | hexagonal   |
| 2,00 mm       | 0.080" hex      |                    | Art. 27085         |                    | hexagonal   |
| 2,50 mm       | 0.094" hex      |                    | Art. 2709          |                    | hexagonal   |
| 3,00 mm       | 0.125" hex      |                    | Art. 27095         |                    | hexagonal   |
| 2,50 mm       | 0.100"          |                    |                    | Art. 275025        | stars       |
| 3,00 mm       | 0.125"          |                    |                    | Art. 275030        | stars       |
| 3,00 mm       | 0.125"          |                    |                    | Art. 274030        | hearts      |
| 3,00 mm       | 0.125"          |                    |                    | Art. 277030        | crescents   |

### Colours / Solvents

| Colours                            | Colourants   |
|------------------------------------|--|
| 02-11 sand                         | Solvent Yellow 21 Solvent Red 122                  |
| 03-11 magenta                      | Solvent Red 122 Solvent Red 127                    |
| 04-11 bronze                       | Solvent Yellow 21 Solvent Red 122 Solvent Black 27 |
| 06-11 old rose                     | Solvent Red 122 Solvent Red 127                    |
| 11-11 transparent <sup>1) 2)</sup> |  |
| 15-11 sea green                    | Solvent Yellow 21 Solvent Blue 70                  |
| 23-11 apple red                    | Solvent Red 308 <sup>3)</sup>                      |
| 29-11 light pink                   | Solvent Red 122 Solvent Red 127                    |
| 30E-11 neon pink                   | Rhodamine B Basic Red                              |
| 31-11 blue gunmetal                | Solvent Red 127 Solvent Black 27                   |
| 32-11 gunmetall                    | Solvent Red 127 Solvent Black 27                   |
| 35-11 violet                       | Solvent Red 127 Solvent Blue 70                    |
| 36-11 rose                         | Solvent Red 122 Solvent Red 127                    |
| 37-11 lilac                        | Solvent Red 127 Solvent Blue 70                    |
| 38-11 dusty rose                   | Solvent Red 122 Solvent Red 218                    |
| 40-11 dark gold                    | Solvent Yellow 21 Solvent Red 122                  |
| 41-11 light lavender               | Solvent Red 127 Solvent Blue 70                    |
| 42-11 apricot                      | Solvent Yellow 21 Solvent Red 122                  |
| 43-11 red gold                     | Solvent Yellow 21 Solvent Red 122                  |
| 44-11 salmon                       | Solvent Yellow 21 Solvent Red 127                  |
| 46-11 marigold                     | Solvent Yellow 21 Solvent Red 127 Solvent Red 122  |
| 47-11 lavender                     | Solvent Red 127 Solvent Blue 70                    |
| 50-11 silver <sup>3)</sup>         | ---  |
| 50PS-11 pure silver <sup>4)</sup>  | ---  |
| 51-11 gold                         | Solvent Yellow 21 Solvent Red 122                  |
| 52-11 red                          | Solvent Red 122 Solvent Red 127                    |
| 53-11 green                        | Solvent Yellow 21 Solvent Blue 70                  |
| 54-11 blue                         | Solvent Red 127 Solvent Blue 70                    |
| 55-11 aqua                         | Solvent Yellow 21 Solvent Blue 70                  |
| 56-11 purple                       | Solvent Red 127 Solvent Blue 70                    |
| 57-11 fuchsia                      | Solvent Red 122 Solvent Red 127                    |

| Colours                | Colourants  |
|------------------------|---|
| 57E-11 neon fuchsia    | Rhodamine B Colorant Violet                             |
| 58-11 black            | Solvent Yellow 21 Solvent Black 27                      |
| 59-11 copper           | Solvent Yellow 21 Solvent Red 122                       |
| 61-11 light green      | Solvent Yellow 21 Solvent Blue 70                       |
| 61E-11 neon lime green | Green 7 Solv. Yellow 135                                |
| 62-11 light blue       | Solvent Red 127 Solvent Blue 70                         |
| 62E-11 neon light blue | Blue 15 Solv. Yellow 135                                |
| 75-11 light copper     | Solvent Yellow 21 Solvent Red 122                       |
| 78E-11 neon orange     | RhodamineB / Colorant Red / Solv. Yellow135 / Basic Red |
| 79-11 dark green       | VS-213 <sup>5)</sup> VS-215 <sup>5)</sup>               |
| 80-11 dark blue        | Solvent Red 127 Solvent Blue 70                         |
| 81E-11 neon chartreuse | Solv. Yellow 135  |
| 82-11 dark purple      | Solvent Red 127 Solvent Blue 70                         |
| 83-11 opal green       | Solvent Yellow 21 Solvent Blue 70                       |
| 84-11 jade             | Solvent Yellow 21 Solvent Blue 70                       |
| 92-11 deep burgundy    | Solvent Red 122 Solvent Red 127                         |
| 96-11 sky blue         | Solvent Red 127 Solvent Blue 70                         |
| 107-11 canadian blue   | Solvent Red 127 Solvent Blue 70                         |
| 109-11 western blue    | Solvent Red 127 Solvent Blue 70                         |
| 110-11 regal red       | Solvent Red 122 Solvent Red 127 Solvent Black 27        |
| 111-11 yellow gold     | Solvent Yellow 21 Solvent Red 122                       |
| 112-11 deep gold       | Solvent Yellow 21 Solvent Red 122                       |
| 117-11 medium blue     | Solvent Red 127 Solvent Blue 70                         |
| 118-11 pale gold       | Solvent Yellow 21 Solvent Red 122                       |

- 1) without any colourants (Polyethylene Terephthalate 94,7 %, Epoxy Resin 5,3 %)
- 2) Heat resistance max. 120 °C, (Polypropylene 94,7 %, Epoxy Resin 5,3 %)
- 3) without any colourants (Polyethylene Terephthalate 94,3 %, Aluminium 0,4 %, Epoxy Resin 5,3 %)
- 4) without any colourants (Polyethylene Terephthalate 94,3 %, Silver 0,4 %, Epoxy Resin 5,3 %)
- 5) Description used by foil-supplier, no data available

**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 Glitter silver Colour 50-11/50PS-11 | Result Glitter coloured          |
|--------------------------------|----------------------|--|----------------------------------|
| Temperature (up to 230 °C)     | 1 min.               | resistant                                  | resistant                        |
| Temperature (up to 175 °C)     | 5 min.               | resistant                                  | resistant                        |
| MEK (Methyl Ethyl Ketone; 99%) | 15 min               | not resistant                              | not resistant                    |
| Isopropanol (25%)              | 15 min.              | partially resistant                        | partially resistant              |
| Isopropanol (70%)              | 15 min.              | partially resistant                        | partially resistant              |
| Demineralized H <sub>2</sub> O | 24 hours<br>3 months | resistant<br>not resistant                 | resistant<br>partially 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:** Sample card Polyester Glitter Grade II  
 Safety Data Sheet SiLiglit Grade II Poly-11

*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.*