

**Product Data Sheet**
 First created on: 2012-04-25  
 Next inspection on: 2017-06-30

 Updated on: 2016-07-20  
 Printed on: 2016-07-20
**Manufacturer / Supplier:**
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Company Sigmund Lindner GmbH has established a Quality Management System according to DIN EN ISO 9001 since 1997.

**Responsible:**
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**Trade Name:****Polyester Glitter Grade I****Product Application:** Effect material for aerosol, paint and coatings, decoration and other products**Construction of the Article Number:**

| Material | Size |   | Colour       | Form |
|----------|------|---|--------------|------|
| 25       | 20   | — | 51-3 (51A-3) | hex  |

**Construction of Glitter Particle:****Chemical Composition:**

| INCI Name                  | Weight   | CAS-No.    | EINECS    | CI-No. | further                     |
|----------------------------|--|------------|-----------|--------|-----------------------------|
| Polyurethane Coating       | 2,5 - 3,2 %                                    | 68258-82-2 | none      | ---    | FDA Ref# 21<br>CFR 177.1680 |
| Pigments                   |  |            |           |        |                             |
| Red 122                    | belongs to<br>Article;<br>between<br>0 - 1,3 % | 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  | ---                         |
| Red 88 (Maroon)            |  | 14295-43-3 | 238-222-7 | 73312  | ---                         |
| Violet 23                  |  | 6358-30-1  | 228-767-9 | 51319  | ---                         |
| Aluminium                  | 0,1 %  | 7429-90-5  | 231-072-3 | 77000  |                             |
| Polyethylene Terephthalate | 95,4-97,4 %                                    | 25038-59-9 | none      | ---    | FDA Ref# 21<br>CFR 177.1310 |

**Size / Form:**

| Article No. | Size particle   |                | Form |       |       |
|-------------|-----------------|----------------|------|-------|-------|
|             |                 |                | ■ sq | ● hex | ■ rec |
| Art. 2529   | 0,075 x 0,05 mm | 0.003 x 0.002" |      |       | X     |
| Art. 2525   | 0,10 x 0,05 mm  | 0.004 x 0.002" |      |       | X     |
| Art. 2520   | 0,10 mm         | 0.004" hex/sq  | X    | X     |       |

Tolerance size particle/gauge: +/- 10 %

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**Colours / Pigments / Gauge:**

| Colour                  | CI-Number              | Gauge / thickness  |
|-------------------------|------------------------|--------------------|
| 02-3 sand               | 73915 21108            | 0,013 mm / 0.0005" |
| 13-3 marine blue        | 74160 51319            | 0,013 mm / 0.0005" |
| 23-3 apple red          | 73915 74160            | 0,013 mm / 0.0005" |
| 26-3 kelly green        | 74260 21108            | 0,013 mm / 0.0005" |
| 36A-3 Hologram rose     | 73915                  | 0,025 mm / 0.0010" |
| 40-3 dark gold          | 73915 21108            | 0,013 mm / 0.0005" |
| 47A-3 Hologram lavender | 51319                  | 0,025 mm / 0.0010" |
| 50-3 silver             | without any pigment *) | 0,013 mm / 0.0005" |
| 50A-3 Hologram silver   | without any pigment *) | 0,025 mm / 0.0010" |
| 51-3 gold               | 73915 21108            | 0,013 mm / 0.0005" |
| 51A-3 Hologram gold     | 73915 21108            | 0,025 mm / 0.0010" |
| 52-3 red                | 73915 21108            | 0,013 mm / 0.0005" |
| 52A-3 Hologram red      | 73915 21108            | 0,013 mm / 0.0005" |
| 53-3 green              | 21108 74160            | 0,013 mm / 0.0005" |
| 54-3 blue               | 74160                  | 0,013 mm / 0.0005" |
| 56-3 purple             | 51319                  | 0,013 mm / 0.0005" |
| 57-3 fuchsia            | 73312 74160            | 0,013 mm / 0.0005" |
| 111-3 yellow gold       | 73915 21108            | 0,013 mm / 0.0005" |
| 112-3 deep gold         | 73915 21108            | 0,013 mm / 0.0005" |

These colours are useable in Cosmetics

\*) chemical Composition: Polyethylene Terephthalate 96,7 - 97,4 % / Aluminium 0,1 % / Polyurethane 2,5 - 3,2 %

**Technical Data:**
 Specific weight: 1,38 kg/dm<sup>3</sup>

 Bulk density: between 0.50 - 0.60 kg/dm<sup>3</sup> – depending on particle size/gauge
**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 <sub>2</sub> O               | 3 months   | resistant    |
| Exposure test according 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

**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 I  
 Safety Data Sheet SiLiglit Aerosol-Glitter

*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*