

## SiLiglam Cosmetic Pearls, Nuggets, Glass Glitter

**Description:** Glass Beads with colour coating

**Application of product:** Cosmetic products

**INCI names / Compositon:**

| Color code | Color                         | Glass Beads | Polymethyl/<br>Phenylsilses-<br>Quioxane Silicate | Aluminum<br>CI 77000 | Black 2<br>CI 77266 | Red 40<br>CI 16035 | Ferric Ferrocyanide<br>CI 77510 | Iron Oxides<br>CI 77492 | Manganese Violet<br>CI 77742 | Yellow 5<br>CI 19140 | Silver<br>CI 77820 | Titanium Dioxide<br>CI 77891 | Mica and Titanium<br>dioxide (CI 77891) |
|------------|-------------------------------|-------------|---|----------------------|---------------------|--------------------|---------------------------------|-------------------------|------------------------------|----------------------|--------------------|------------------------------|---|
| 01-K       | Clear                         | 100%        |   |                      |                     |                    |                                 |                         |                              |                      |                    |                              |   |
| 007K-L     | Black                         | 99,00%      | 0,50%   |                      | 0,50%               |                    |                                 |                         |                              |                      |                    |                              |   |
| A-007K-L   | Metallic<br>Black             | 98,50%      | 0,50%   | 0,50%                | 0,50%               |                    |                                 |                         |                              |                      |                    |                              |   |
| A-110K-L   | Gold                          | 98,50%      | 0,50%   | 0,50%                |                     |                    |                                 | 0,50%                   |                              |                      |                    |                              |   |
| 187K-L     | Red                           | 99,00%      | 0,50%   |                      |                     | 0,50%              |                                 |                         |                              |                      |                    |                              |   |
| 188K-L     | Maroon                        | 98,00%      | 0,50%   |                      |                     | 1,00%              | 0,50%                           |                         |                              |                      |                    |                              |   |
| A-211K-L   | Metallic<br>Pink              | 98,50%      | 0,50%   | 0,50%                |                     | 0,50%              |                                 |                         |                              |                      |                    |                              |   |
| A-263K-L   | Metallic<br>Light<br>Lavender | 98,50%      | 0,50%   | 0,50%                |                     |                    |                                 |                         | 0,50%                        |                      |                    |                              |   |
| A-264K-L   | Metallic<br>Lavender          | 98,50%      | 0,50%   | 0,50%                |                     |                    |                                 |                         | 0,50%                        |                      |                    |                              |   |
| 265K-L     | Lilac                         | 99,00%      | 0,50%   |                      |                     |                    |                                 |                         | 0,50%                        |                      |                    |                              |   |
| 281K-L     | Navy<br>Blue                  | 99,00%      | 0,50%   |                      |                     |                    | 0,50%                           |                         |                              |                      |                    |                              |   |
| A-285K-L   | Metallic<br>Light<br>Blue     | 98,50%      | 0,50%   | 0,50%                |                     |                    | 0,50%                           |                         |                              |                      |                    |                              |   |
| A-291K-L   | Metallic<br>Sky Blue          | 98,00%      | 0,50%   | 1,00%                |                     |                    | 0,50%                           |                         |                              |                      |                    |                              |   |
| 350K-L     | Green                         | 98,50%      | 0,50%   |                      |                     |                    | 0,50%                           | 0,50%                   |                              |                      |                    |                              |   |
| A-357K-L   | Jade                          | 98,70%      | 0,50%   | 0,25%                |                     |                    | 0,05%                           |                         | 0,50%                        |                      |                    |                              |   |
| A-425K-L   | Anthrazit                     | 98,70%      | 0,50%   | 0,40%                | 0,40%               |                    |                                 |                         |                              |                      |                    |                              |   |
| A-429K-L   | Silver                        | 99,00%      | 0,50%   | 0,50%                |                     |                    |                                 |                         |                              |                      |                    |                              |   |
| 482K-WI    | Pearl<br>white                | 98,90%      | 0,50%   |                      |                     |                    |                                 |                         |                              |                      |                    |                              | 0,60%                                   |
| 877K-LS    | Pure<br>Silver                | 99,30%      | 0,50%   |                      |                     |                    |                                 |                         |                              |                      | 0,20%              |                              |   |
| 1385K-L    | Curry                         | 98,50%      | 0,50%   |                      |                     | 0,50%              |                                 |                         |                              | 0,50%                |                    |                              |   |
| 5757K-L    | Absinth                       | 98,50%      | 0,50%   |                      |                     |                    | 0,50%                           |                         |                              | 0,50%                |                    |                              |   |
| 5757K-LS   | Metallic<br>Absinth           | 98,30%      | 0,50%   |                      |                     |                    | 0,50%                           |                         |                              | 0,50%                | 0,20%              |                              |   |
| 5803K-L    | White<br>smoke                | 98,80%      | 0,50%   | 0,10%                |                     |                    |                                 | 0,10%                   |                              |                      |                    | 0,50%                        |   |
| 999K-L     | White                         | 99,00%      | 0,50%   |                      |                     |                    |                                 |                         |                              |                      |                    | 0,50%                        |   |

**Product Data Sheet**
 First created on: 2012-08-02  
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**Ingredients:**

| <b>Glass Beads</b>                                |               |            |           |
|---|---------------|------------|-----------|
| Main components                                   | Weight        | CAS-No.    | EINECS    |
| Silicon dioxide SiO <sub>2</sub>                  | 64,0 - 73,0 % | 7631-86-9  | 231-545-4 |
| Sodium oxide Na <sub>2</sub> O                    | 7,5 - 17,0 %  | 1313-59-3  | 215-208-9 |
| Calcium oxide CaO                                 | 4,0 - 9,5 %   | 1305-78-8  | 215-138-9 |
| Potassium oxide K <sub>2</sub> O                  | 0,2 - 17,0 %  | 12136-45-7 | 235-227-6 |
| Magnesium oxide MgO                               | 0,2 - 4,3 %   | 1309-48-4  | 215-171-9 |
| Zinc oxide ZnO                                    | 0,0 - 4,3 %   | 1314-13-2  | 215-222-5 |
| Aluminium trioxide Al <sub>2</sub> O <sub>3</sub> | 0,5 - 3,9 %   | 1344-28-1  | 215-691-6 |
| Boric oxide B <sub>2</sub> O <sub>3</sub>         | 0,0 - 4,4 %   | 1303-86-2  | 215-125-8 |

| <b>Pigments</b>         |                 |                   |                  |
|-------------------------|-----------------|-------------------|------------------|
|                         | CI-No.          | CAS-No.           | EINECS           |
| Ferric Ferrocyanide     | CI 77510        | 14038-43-8        | 237-875-5        |
| Iron Oxide Yellow       | CI 77492        | 51274-00-1        | 257-098-5        |
| Manganese Violet        | CI 77742        | 10101-66-3        | 233-257-4        |
| Aluminum                | CI 77000        | 7429-90-5         | 231-072-3        |
| Red 40                  | CI 16035        | 25956-17-6        | 247-368-0        |
| Black 2                 | CI 77266        | 1333-86-4         | 215-609-9        |
| Yellow 5                | CI 19140        | 12225-21-7        | 235-428-9        |
| Silver                  | CI 77820        | 7440-22-4         | 231-131-3        |
| <i>Titanium Dioxide</i> | <i>CI 77891</i> | <i>13463-67-7</i> | <i>236-675-5</i> |
| <i>Mica</i>             | <i>---</i>      | <i>12001-26-2</i> | <i>310-127-6</i> |

**Available Shapes and Sizes:**

| Pearls     | Diameter       | Spec. Weight            | Bulk density            |
|------------|----------------|-------------------------|-------------------------|
| 4502-xxx-x | 0,50 – 0,75 mm | 2,50 kg/dm <sup>3</sup> | 1,49 kg/dm <sup>3</sup> |
| 4503-xxx-x | 0,75 – 1,20 mm | 2,50 kg/dm <sup>3</sup> | 1,50 kg/dm <sup>3</sup> |
| 4504-xxx-x | 1,00 – 1,30 mm | 2,50 kg/dm <sup>3</sup> | 1,51 kg/dm <sup>3</sup> |

| Nuggets    | Size           | Spec. Weight            | Bulk density            |
|------------|----------------|-------------------------|-------------------------|
| 1540-xxx-x | 0,50 – 1,50 mm | 2,50 kg/dm <sup>3</sup> | 1,35 kg/dm <sup>3</sup> |
| 1580-xxx-x | 0,30 – 0,60 mm | 2,50 kg/dm <sup>3</sup> | 1,25 kg/dm <sup>3</sup> |

| Glas Glitter | Size           | Spec. Weight            | Bulk density            |
|--------------|----------------|-------------------------|-------------------------|
| 1060-xxx-x   | 0,90 – 1,40 mm | 2,38 kg/dm <sup>3</sup> | 1,25 kg/dm <sup>3</sup> |
| 1070-xxx-x   | 0,50 – 0,90 mm | 2,38 kg/dm <sup>3</sup> | 1,30 kg/dm <sup>3</sup> |

**Resistance:**

| Medium                           | Conditions     | Result    |
|----------------------------------|----------------|-----------|
| MEK (Methyl Ethyl Ketone; 99%ig) | 15 min / 23 °C | resistant |
| Isopropanol (25%ig)              | 15 min / 23 °C | resistant |
| Isopropanol (70%ig)              | 15 min / 23 °C | resistant |
| Ammoniak (25%)                   | 30 min / 23 °C | resistant |

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**Storage indication:** Store in a dry manner in closed (original) container by room temperature.  
We recommend storage life of maximum 2 years.

**Disposal information:** There is no type of waste that occurs due to the product that requires special supervision according to the German "Closed Substance Waste Management Act" or the 91/689/EEC and 2006/12/EC guidelines.

**Further information:** Material Safety Data Sheet SiLiglam Cosmetic Pearls

Product trials and stability tests are always recommended and are the responsibility of the customer prior to production.

Company Sigmund Lindner GmbH has established a Quality Management System according to DIN EN ISO 9001. Our production meets most of the regulations of ISO 22716:2007; Cosmetics Good Manufacturing Practices GMP.

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

**Manufacturer / Supplier:**

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