

# TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS



Revision: 6      Issued: Sep. 1<sup>st</sup>,2018      Doc ID: TDS GLI-3315

Product denomination: Pearlescent Pigment      IRIDESIUM -3315

TDS Number: GLI - 3315

| Physical Properties   |                             | Test Method         |
|-----------------------|-----------------------------|---------------------|
| Physical Form:        | Dry powder                  | N/A                 |
| Appearance:           | Platinum Gold               | N/A                 |
| Particle size Range:  | 30-100 µm                   | Laser Diffraction   |
| Density               | 3.1 - 3.6 g/cm <sup>3</sup> | DIN-ISO-787-10      |
| Bulk Density          | 32-45 g/100ml               | ISO 3923 / ISO 3953 |
| pH 10% Aqueous Slurry | 7-11                        | DIN-ISO-787-9       |
| Solubility in Water   | Not Soluble                 | N/A                 |
| Oil Absorption        | 65-85 g/100 g               | GB/T 5211.15-88     |
| Heat Resistance       | ≤ 820°C                     | N/A                 |

**Storage:** Non flammable / S-Phrase S22 / Do not breathe dust

| Composition - International Nomenclature of Cosmetics Ingredients (INCI) : |            |                 |                    | Nominal | Unit | Test Method |
|--|------------|-----------------|--------------------|---------|------|-------------|
| Synthetic Fluorphlogopite  | CI : 77019 | CAS: 12003-38-2 | EINECS : 234-426-5 | 46-67   | %    | ESCA        |
| Titanium dioxide   | CI : 77891 | CAS: 13463-67-7 | EINECS : 236-675-5 | 30-45   | %    | ESCA        |
| Tin dioxide  | CI : 77861 | CAS: 18282-10-5 | EINECS : 242-159-0 | 0-1     | %    | ESCA        |
| Iron Oxide   | CI: 77491  | CAS: 1309-37-1  | EINECS : 215-168-2 | 2-7     | %    | ESCA        |
| Loss on Drying   |            |                 |                    | <0.5    | %    | ISO787/2    |

**Visual And Colorimetric Evaluation**      Conforms      Pritty YRH

EC - Safety Data Sheet (MSDS) According to EC Directive 91/155/EEC      IRID-3315

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END OF TECHNICAL DATA SHEET