

## TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS

Revision: 6

Issued: Sep. 1<sup>st</sup>,2018

Doc ID: TDS GLI-3305

Product denomination: Pearlescent Pigment IRIDESIUM -3305

TDS Number: GLI - 3305

### Physical Properties

### Test Method

Physical Form:	Dry powder	N/A
Appearance:	Golden Powder	N/A
Particle size Range:	10-60 μm	Laser Diffraction
Density	3.1 - 3.6 g/cm <sup>3</sup>	DIN-ISO-787-10
Bulk Density	35-43 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	60-80 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	30-40	%	ESCA
Titanium dioxide	CI : 77891	CAS: 13463-67-7	EINECS : 236-675-5	48-54	%	ESCA
Iron Oxide	CI: 77491	CAS: 1309-37-1	EINECS : 215-168-2	≤1	%	ESCA
Diiron trioxide	CI : 77861	CAS: 18282-10-5	EINECS : 242-159-0	12-15	%	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-3305