

# TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS



Revision: 6      Issued: Sep. 1<sup>st</sup>, 2018      Doc ID: TDS DI-8002

Product denomination:	<b>Pearlescent Pigment</b>	<b>IRIDESIUM -8002</b>
TDS Number:	DI - 8002	

Physical Properties		Test Method
Physical Form:	Dry powder	N/A
Appearance:	Yello Powder	N/A
Particle size Range:	50-250 µm	Laser Diffraction
Density	2.5-2.8 g/cm <sup>3</sup>	DIN-ISO-787-10
Bulk Density	16-24g/100ml	ISO 3923 / ISO 3953
pH 10% Aqueous Slurry	6-10	DIN-ISO-787-9
Solubility in Water	Not Soluble	N/A
Oil Absorption	80-120g/100g	GB/T5211.15-88
Heat Resistance	≤600°C	N/A

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

Composition - International Nomenclature of Cosmetics Ingredients (INCI) :				Nominal	Unit	Test Method
Silicon dioxide	CI: unlisted	CAS: 7631-86-9	EINECS: 231-545-4	59-61	%	ESCA
Titanium dioxide	CI: 77891	CAS: 13463-67-7	EINECS: 236-675-5	15-17	%	ESCA
Aluminium oxide	CI: unlisted	CAS: 1344-28-1	EINECS: 215-691-6	3	%	ESCA
Calcium oxide	CI: unlisted	CAS: 1305-78-8	EINECS: 215-138-9	8	%	ESCA
Magnesium oxide	CI: unlisted	CAS: 1309-48-4	ENINECS: 215-171-9	1	%	ESCA
Diiron trioxide	CI: 77491	CAS: 1309-37-1	EINECS : 215-168-2	3	%	ESCA
Sodium oxide	CI: unlisted	CAS: 55248-04-9	ENINECS: 215-208-9	7	%	ESCA
Potassium oxide	CI: unlisted	CAS: 12136-45-7	ENINECS: 235-227-6	2	%	ESCA
Loss on Drying				<0.5	%	ISO787/2

EC - Safety Data Sheet (MSDS) According to EC Directive 91/155/EEC      IRID-8002

**IMPORTANT:** The descriptions, data and information supplied above are presented in good faith and are believed to be correct and it is provided for your guidance only. Because many factors may affect processing or application and or use, we *strongly* recommend that before purchase and use of the product, that the buyer test the product in the particular intended application and or purpose under conditions expected during use to determine the suitability of the product for your particular application and or purpose. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular application and or purpose, are made regarding products described, data or information expressed. In no case shall the descriptions, information, data provided be considered a part of our terms and conditions of sale. Further, it is understood that you expressly understand and agree that the descriptions, data, and information furnished by Jiangsu Pritty Pearlescent Pigments Co., LTD and or its agents or representatives hereunder are given, without payment, and Jiangsu Pritty Pearlescent Pigments Co., LTD and or its agents or representatives assumes no obligation or liability for the description, data and information given or results obtained, all such being given and accepted at your risk. Furthermore suggestions of product applications made by Jiangsu Pritty Pearlescent Pigments Co., LTD and or its agents or representatives are our opinion only, are given without payment and with no warranty expressed or implied of the results to be obtained.

END OF TECHNICAL DATA SHEET