

## TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS

Revision: 6

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Doc ID: TDS IRIDESIUM-71791

Product denomination:	<b>Pearlescent Pigment</b>	<b>IRIDESIUM -71791</b>
TDS Number:	<b>IRIDESIUM-71791</b>	

Physical Properties		Test Method
Physical Form:	Dry powder	N/A
Appearance:	Grey Powder	N/A
Particle size Range:	30-100 µm	Laser Diffraction
Density	2.8-3.1 g/cm <sup>3</sup>	DIN-ISO-787-10
Bulk Density	28-41 g/100ml	ISO 3923 / ISO 3953
pH 10% Aqueous Slurry	6-10	DIN-ISO-787-9
Solubility in Water	Not Soluble	N/A
Oil Absorption	75-85 g/100 g	GB/T5211.15-88
Heat Resistance	≤300°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 Fluorophlogopite	CI : Unlisted	CAS: 12003-38-2	EINECS : 234-426-5	25-38	%	ESCA
Silicon Dioxide	CI:Unlisted	CAS:7631-86-9	EINECS:231-545-4	13-17	%	ESCA
Titanium dioxide	CI : 77891	CAS: 13463-67-7	EINECS : 236-675-5	48-56	%	ESCA
Tin dioxide	CI : 77861	CAS: 18282-10-5	EINECS : 242-159-0	1-2	%	ESCA
Loss on Drying				<0.5	%	ISO787/2
<b>Visual And Colorimetric Evaluation</b>				Conforms		Pritty YRH

EC - Safety Data Sheet (MSDS) According to EC Directive 91/155/EEC **IRIDESIUM-71791**