

TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS



Revision: 6 Issued: Sep. 1st,2020 Doc ID: TDS IRIDESIUM-7115

Product denomination: **Pearlescent Pigment** **IRIDESIUM-7115**
TDS Number: **IRIDESIUM-7115**

Physical Properties		Test Method
Physical Form:	Dry powder	N/A
Appearance:	High Chroma Red	N/A
Particle size Range:	10-45 µm	Laser Diffraction
Density	3.0-3.50 g/cm ³	DIN-ISO-787-10
Bulk Density	30-40g/100ml	ISO 3923 / ISO 3953
pH 10% Aqueous Slurry	7-11	DIN-ISO-787-9
Solubility in Water	Not Soluble	N/A
Oil Absorption	55-68 g/100g	GB/T5211.15-88
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 Fluorophlogopite	CI:Unlisted	CAS:12003-38-2	EINECS: 234-426-5	30-45	%	ESCA
Titanium dioxide	CI : 77891	CAS: 13463-67-7	EINECS : 236-675-5	46-56	%	ESCA
Silicon Dioxide	CI:Unlisted	CAS:7631-86-9	EINECS:231-545-4	8-12	%	ESCA
Tin dioxide	CI : 77861	CAS: 18282-10-5	EINECS : 242-159-0	1-2	%	ESCA
Loss on Drying				<0.5	%	ISO787/2

EC - Safety Data Sheet (MSDS) According to EC Directive 91/155/EEC **IRIDESIUM-7115**

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END OF TECHNICAL DATA SHEET