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TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS

Revision: 6

Issued: Jan 1st,2020

Doc ID: TDS IRIDESIUM -3711

Product denomination: **Pearlescent Pigment** IRIDESIUM -3711
TDS Number: IRIDESIUM -3711

Physical Properties		Test Method
Physical Form:	Dry powder	N/A
Appearance:	Fine powder	N/A
Particle size Range:	<15 µm	Laser Diffraction
Density	3.2 - 3.7 g/cm ³	DIN-ISO-787-10
Bulk Density	38-45 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	45-60 g/100 g	GB/T 5211.15-88
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
Mica	CI : Unlisted	CAS: 12001-26-2	EINECS : 310-127-6	20-30	%	ESCA
Titanium dioxide	CI : 77891	CAS: 13463-67-7	EINECS : 236-675-5	55-60	%	ESCA
Tin dioxide	CI : 77861	CAS: 18282-10-5	EINECS : 242-159-0	≤1	%	ESCA
Diiron trioxide	CI: 77491	CAS: 1309-37-1	EINECS : 215-168-2	15-19	%	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 IRIDESIUM -3711