

TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS



Revision: 6 Issued: Sep. 1st,2018 Doc ID: TDS SWI-111

Product denomination:	Pearlescent Pigment	IRIDESIUM -111
TDS Number:	SWI-111	

Physical Properties		Test Method
Physical Form:	Fine powder	N/A
Appearance:	White Powder	N/A
Particle size Range:	<15 µm	Laser Diffraction
Density	2.9-3.3 g/cm ³	DIN-ISO-787-10
Bulk Density	18-26g/100ml	ISO 3923 / ISO 3953
pH 10% Aqueous Slurry	7-11	DIN-ISO-787-9
Solubility in Water	Not Soluble	N/A
Oil Absorption	60-80g/100 g	GB/T 5211.15-88
Heat Resistance	≤ 800°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 : 77019	CAS: 12001-26-2	EINECS : 310-127-6	55-60	%	ESCA
Titanium dioxide	CI : 77891	CAS: 13463-67-7	EINECS : 236-675-5	39-45	%	ESCA
Tin dioxide	CI : 77861	CAS: 18282-10-5	EINECS : 242-159-0	1.0-3.0	%	ESCA
Loss on Drying				<0.5	%	ISO787/2

Visual And Colorimetric Evaluation	Conforms	Pritty YRH
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EC - Safety Data Sheet (MSDS) According to EC Directive 91/155/EEC IRID-111

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END OF TECHNICAL DATA SHEET