

TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS



Revision: 6

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Doc ID: TDS SWI-103N

Product denomination:	Pearlescent Pigment	IRIDESIUM-103N				
TDS Number:	SWI- 103N					
Physical Properties		Test Method				
Physical Form:	Fine powder	N/A				
Appearance:	White Powder	N/A				
Particle size Range:	10-60 µm	Laser Diffraction				
Density	2.8 - 3.1 g/cm³	DIN-ISO-787-10				
Bulk Density	16-22g/100ml	ISO 3923 / ISO 3953				
pH 10% Aqueous Slurry	7-10	DIN-ISO-787-9				
Solubility in Water	Not Soluble	N/A				
Oil Absorption	60-80 g/100 g	GB/T 5211.15-88				
Heat Resistance	≤ 800°C	N/A				
The shelf-life of the product is 5 years.						
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	69-75	%	ESCA
Titanium dioxide	CI : 77891	CAS: 13463-67-7	EINECS : 236-675-5	24-30	%	ESCA
Tin dioxide	CI : 77861	CAS: 18282-10-5	EINECS : 242-159-0	<1	%	ESCA
Loss on Drying				<0.5	%	Pritty
Visual And Colorimetric Evaluation				Conforms		Pritty YRH
EC - Safety Data Sheet (MSDS) According to EC Directive 91/155/EEC			IRID-103N			

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END OF TECHNICAL DATA SHEET