

TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS



Revision: 6 Issued: Sep. 1st,2018 Doc ID: TDS SWN-9103

Product denomination:	Pearlescent Pigment	NACREIUM -9103
TDS Number:	SWN-9103	

Physical Properties		Test Method
Physical Form:	Fine powder	N/A
Appearance:	White Powder	N/A
Particle size Range:	10-60 µm	Laser Diffraction
Density	2.9-3.1 g/cm ³	DIN-ISO-787-10
Bulk Density	18-22 g/100ml	ISO 3923 / ISO 3953
pH 10% Aqueous Slurry	7-10	DIN-ISO-787-9
Solubility in Water	Not Soluble	N/A
Oil Absorption	70-80 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
Mica	CI : 77019	CAS: 12001-26-2	EINECS : 310-127-6	65-72	%	ESCA
Titanium dioxide	CI : 77891	CAS: 13463-67-7	EINECS : 236-675-5	27-31	%	ESCA
Tin Dioxide	CI : 77861	CAS: 18282-10-5	EINECS : 242-159-0	1.5-2.5	%	ESCA
Cerium oxide	CI : 77280	CAS: 1345-13-7	EINECS : 215-718-1	0.5-1.0	%	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 NACR-9103

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END OF TECHNICAL DATA SHEET