

TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS



Revision: 6 Issued: Sep 1st, 2018 Doc ID: TDS IRN-9504

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| Product denomination: | Pearlescent Pigment | NACREIUM-9504 |
| TDS Number: | IRN – 9504 | |

| Physical Properties | | Test Method |
|-----------------------|---------------------------|---------------------|
| Physical Form: | Fine powder | N/A |
| Appearance: | Red Powder | N/A |
| Particle size Range: | 10-60 µm | Laser Diffraction |
| Density | 3.1-3.4 g/cm ³ | DIN-ISO-787-10 |
| Bulk Density | 24-32 g/100ml | ISO 3923 / ISO 3953 |
| pH 10% Aqueous Slurry | 6-9 | DIN-ISO-787-9 |
| Solubility in Water | Not Soluble | N/A |
| Oil Absorption | 55-65 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 | 52-60 | % | ESCA |
| Diiron trioxide | CI: 77491 | CAS: 1309-37-1 | EINECS : 215-168-2 | 43-47 | % | 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 |

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|---|----------|------------|
| Visual And Colorimetric Evaluation | Conforms | Pritty YRH |
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EC - Safety Data Sheet (MSDS) According to EC Directive 91/155/EEC NACR-9504

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END OF TECHNICAL DATA SHEET