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TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS

Revision: 5 Issued: Sep. 1st, 2018 Doc ID: TDS GLI-3326

| | | | | | |
|---|-----------------------------|---------------------|-------------|--------------------|------------|
| Product denomination: | Pearlescent Pigment | IRIDESIUM -3326 | | | |
| TDS Number: | GLI - 3326 | | | | |
| Physical Properties | | Test Method | | | |
| Physical Form: | Dry powder | N/A | | | |
| Appearance: | Platinum Gold | N/A | | | |
| Particle size Range: | 5-25 µm | Laser Diffraction | | | |
| Density | 3.1 - 3.6 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 | 50-70 g/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 | 25-35 | % | ESCA |
| Titanium dioxide | CI : 77891 CAS: 13463-67-7 | EINECS :236-675-5 | 52-58 | % | ESCA |
| Tin dioxide | CI : 77861 CAS: 18282-10-5 | EINECS : 242-159-0 | ≤1 | % | ESCA |
| Iron Oxide | CI: 77491 CAS: 1332-37-2 | EINECS : 215-570-8 | 13-16 | % | 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 | | | | | IRID-3325 |