



# Technical Data Sheet (TDS)

## Rose Gold

### Product Information

| INCI Name        | Percentages | CI Numbers | CAS Numbers |
|------------------|-------------|------------|-------------|
| Mica             | 50 - 70%    | 77019      | 12001-26-2  |
| Titanium Dioxide | 30 - 50%    | 77891      | 13463-67-7  |
| Iron Oxide Red   | <1%         | 77491      | 1309-37-1   |
| Tin Oxide        | <1%         | 77861      | 18282-10-5  |

### Physical Properties

|                                  |                           |
|----------------------------------|---------------------------|
| Form:                            | Dry Powder                |
| Appearance:                      | Lustrous Pink/Gold Powder |
| Average Particle Size:           | 10 - 60µm (microns)       |
| pH Range:                        | 6.00 - 9.00               |
| Thermal Stability:               | 800 °C / 1472 ° F         |
| Oil Absorption / 100g (% by wt): | 50 - 65                   |

### Microbial Purity

|                             |               |
|-----------------------------|---------------|
| Total Viable Aerobic Count: | <100CFU/g     |
| E.Coli:                     | Absent in 1g  |
| Pseudomonas aeruginosa:     | Absent in 1g  |
| Staphylococcus aureus:      | Absent in 1g  |
| Salmonella species:         | Absent in 10g |
| Candida albicans:           | Absent in 1g  |

### Heavy Metals

|              |              |
|--------------|--------------|
| As <2.0 ppm  | Hg <1.0 ppm  |
| Ba <50.0 ppm | Ni <8.0 ppm  |
| Cd <2.0 ppm  | Pb <5.0 ppm  |
| Cr <20.0 ppm | Sb <1.0 ppm  |
| Cu <50.0 ppm | Zn <50.0 ppm |

### Other Information

This colourant is compliant with Regulation (EC) No.1223/2009 (Annex IV)  
This TDS is electronically generated and is therefore valid without a signature

All the information contained in this document is to the best of this company's knowledge true and accurate.  
The user must determine from the information provided herein as to the suitability of this product in relation to their own particular use.