

**Pure Rock Pearls - Tanzanite Gem™**
**Product Information**

INCI Name	Percentages	CI Numbers	CAS Numbers
Mica	68 - 74%	77019	12001-26-2
Titanium Dioxide	25 - 41%	77891	13463-67-7
Iron Oxide Red	<1%	77491	1309-37-1
Manganese Violet	<0.5%	77742	10101-66-3
Ultramarines	<0.5%	77007	1317-97-1
Tin Oxide	<0.2%	77861	18282-10-5

**Physical Properties**

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

**Microbial Purity**

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

**Heavy Metals**

As <2.0 ppm	Hg <1.0 ppm
Ba <50.0 ppm	Ni <8.0 ppm
Cd <1.0 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.