

## TECHNICAL DATA SHEET

### Sapphire Blue Resin Art Mica Powder

**Product Identification:**

**Product Name:** Sapphire Blue Resin Art Mica Powder  
**Industry Name:** Pearl Pigment, Pearlescent, Mica Powder, Effect Pigment  
**Application:** Paint & Coating, Ink & Printing, Wallpaper, Plastic, Textile, Epoxy Resin, etc

**Physical And Chemical Properties:**

**Appearance:** Free-flowing powder.  
**Color:** Sapphire Blue  
**Size:** 10-60µm  
**PH Value:** 7.0-11.0  
**Density:** 2.8-3.4g/cm<sup>3</sup>  
**Oil absorption:** 70-90 g/100g  
**Toxic:** Non Toxic  
**Microbiology:** <100 cfu/g No gram negative

**Ingredients And Composition:**

NAME	INCI NAME	CAS No.	EC No.	CI No.	Weight
Natural Mica	MICA	12001-26-2	N/A	77019	72.0-75.0%
Titanium Dioxide	CI 77891	13463-67-7	236-675-5	77891	25.0-28.0%

**Heavy Metals:**

Testing is under European directive 2009/48 EC;						Results is showed based Maximum PPM						
Test Method: EN71-3:2013 & A2:2007						Analysis performance: ICP-MS/GC-MS/IC-UV						
Item	Cr(VI)	Pb	Sb	As	Ba	Cd	Hg	Co	Zn	Cu	Ni	Sn
Result	0.018	0.5	1.0	0.5	50	0.1	0.5	0.5	50.0	50.0	10.0	0.36

All reasonable care is taken in compiling this data sheet. Any recommendations or suggestions as to application of the product contained in this data sheet are made without guarantee as the conditions of use are beyond the control of Adelaide Moulding and Candle Supplies.

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**Microbial Purity:**

ITEM	RESULT
Total Viable Aerobic Count	< 100CFU/g
E.coli	Absent in 1 g
Pseudomonas aeruginosa	Absent in 1 g
Staphylococcus aureus	Absent in 1 g
Salmonella species	Absent in 1 g
Gram negative bacteria	Absent in 1 g
Candida albicans	Absent in 1 g

**Package & Storage:****Storage:**

Care should be taken not to expose radiation curable products to temperatures exceeding 38°C for prolonged periods of time or to direct sunlight. Storage must be in a cool, shaded, well-ventilated and dry area. To do otherwise might cause uncontrollable polymerization of the product with generation of heat. Do not store this material under an oxygen-free atmosphere.

**Shelf Life:**

24 months from manufacture date in originally sealed containers

**Further information is available upon request.**

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