



TECHNICAL DATA SHEET

Mica Matte Black

Description	A free-flowing black powder			
Pigment type	Platelets of mica, coated with iron oxides and titanium dioxide			
INCI Name	Mica (and) Iron Oxides (and) Titanium Dioxide			
Chemical Composition	By weight	CAS No.	CI Number	Einecs
Mica	29,5–52,5 %	12001-26-2	77019	310-127-6
Iron Oxides as Fe ₃ O ₄	461–163 %	1317-61-9	77499	215-277-5
Titanium Dioxide	1,5–7,5 %	13463-67-7	77891	236-675-5
Trace Elements	Arsenic (As)	3 ppm	max.	
	Cadmium (Cd)	1 ppm	max.	
	Cobalt (Co)	20 ppm	max.	
	Chromium (Cr)	50 ppm	max.	
	Copper (Cu)	50 ppm	max.	
	Mercury (Hg)	1 ppm	max.	
	Nickel (Ni)	50 ppm	max.	
	Lead (Pb)	10 ppm	max.	
	Antimony (Sb)	2 ppm	max.	
	Selenium (Se)	100 ppm	max.	
	Zinc (Zn)	100 ppm	max.	
Density	4,2 kg/L			
Bulk Density	29 g/100cm ³			
Particle size	4–18 µm (80 % within the range)			
Loss on drying	0–0,5 % (105 °C)			
Arobic bacteria	max. 100 cfu/g			
Yeast and Mould	max. 100 cfu/g			
Pathogens	absent in 10 g			



The color additive components in this product meet with applicable US FDA (21 CFR), China's Cosmetic Safety and Technical Standard (2015 version), and EU Cosmetic Regulation EC/1223/2009 specifications and purity criteria. We recommend that appropriate use be confirmed against each region's current cosmetic regulations.

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