TECHNICAL DATA SHEET

Mica, Lauroyl Lysine coated (»Mica LL«)

Description	A near white powder
Pigment type	Nearly white, water ground muscovite mica treated with lauroyl lysine
INCI Name	Mica (and) Lauroyl Lysine

Chemical Composition	**By weight**	**CAS No.**	**CI Number**	**Einecs**
Mica	95.5–97.5 %	12001-26-2	77019	310-127-6
Lauroyl Lysine	2.5–4.5 %	52315-75-0	–	257-834-4

Trace Elements	Arsenic (As)	3 ppm	max.
	Barium (Ba)	200 ppm	max.
	Cadmium (Cd)	1 ppm	max.
	Cobalt (Co)	10 ppm	max.
	Chromium (Cr)	50 ppm	max.
	Copper (Cu)	50 ppm	max.
	Mercury (Hg)	1 ppm	max.
	Nickel (Ni)	20 ppm	max.
	Lead (Pb)	20 ppm	max.
	Antimony (Sb)	2 ppm	max.
	Selenium (Se)	100 ppm	max.
	Zinc (Zn)	200 ppm	max.

pH	Product is hydrophobic and cannot be measured for pH
Density	2,7 kg/l
Bulk Density	16 g/100cm³
Particle size	2–24 µm (95 % within the range)
Loss on drying	0–0,5 % (105 °C)
Arobic bacteria	< 100 cfu/g
Yeast and Mould	< 100 cfu/g
Pathogens	negative

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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.

The above information is the result of the quality check of our producer/supplier. They don't free the processor from own tests and the implementation of an entrance check. A legal binding assurance of certain characteristics or suitability for a specific purpose cannot be derived from this information. Any intellectual property rights as well as existing laws and regulations must be observed by the recipient under his own responsibility.

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