

Kobo Minerals

For Cosmetics

USA Program

Kobo Minerals are used in a variety of applications, including emulsions, hot pours, and powders found in Skin Care, Color Cosmetics and Toiletry products. Many are considered fillers which are widely used in shade matching to “fill in” areas where pigments are not used. They can contribute to a finished product by adding bulking properties, an **enhanced skin feel**, luster, shimmer,

shine and often times **sheen**, while helping to fill in the lines on the skin so they appear less visible.

Kobo's product line of minerals includes **Sericite, Mica, and Talc** materials. All grades are available with various **surface treatments** to further enhance their properties.

Talc

Talc and Mica offer **superior performance** and strict control of particle sizes. Talc and Mica have very thin, flat & smooth surfaces. They offer **high slip**, excellent skin adhesion, spreadability and **high transparency**.

Product name	Avg. Particle Size (µm)	Properties
Silky Talc FK-500S	9.5 - 11.5	Smooth and soft skin feel. Sharp distribution of particle size.
Talc Powder EX-15	13.0 - 17.0	Dry and smooth feel.
Silky Talc FK-300S	16.0 - 19.0	Smooth and soft skin feel. Sharp distribution of particle size.

Mica

Product Name	Avg. Particle Size (µm)	Properties
Mica Powder Y-1800	7.0 - 12.0	Very fine particles, with matte finishing properties.
Mica Powder Y-3000	22.0 - 26.0	Very fine particles, Natural sheen and luster.
KoboMica S-25	22.0 - 26.0	Exceptional transparency, good sheen and coverage.
Mica Powder SA-310	24.0 - 28.0	Excellent skin feel.
KoboMica L-27	25.0 - 29.0	Good transparency, excellent sheen and shine.
Mica Powder SA -350	35.0 - 45.0	Wide particle size distribution, good transparency, sheen and luster.
Mica Powder A-41	45.0 - 55.0	Large particle size offers excellent shine and luster.

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Sericite

Sericite is a white, **silky**, shiny substrate derived from a fine crystalline clay mineral. Compared with mica, it is thicker and provides **good spreadability** and a **smooth** texture when applied to the skin.

Product name	Avg. Particle Size (µm)	Properties
Sericite GMS-4C	2.5 - 4.5	Translucent color, smooth and soft skin feel.
Sericite O	9.5 - 11.5	Smooth and soft skin feel.

Gemstones

Gemstones are used for various effects in cosmetics. They can be used to provide radiance and to improve skin complexion and tone. Kobo offers **DIAMOND-SJ01**, **JADE-SJ01**, and **JEWEL-SJ01**. These Gemstones cannot be surface treated.

Product Name	Avg. Particle Size (µm)	Composition	INCI Name	Powder Color
DIAMOND-SJ01	0.5 - 3.5	Carbon 97.5% (max), Alumina Oxide 1.5%(min)	Diamond Powder	Light Grey
JADE-SJ01	4 - 8	SiMgAl2O3	Nephrite Powder	Light Grey
JEWEL-SJ01	5 - 9	Amethyst 30%, Pearl 10%, Coral 10%, Tourmaline 25%, Sapphire 5%, Amber 5%, Jade 15%	Nephrite Powder	White

Kobo Surface Treatments Available on various minerals

	Treatment	Properties
Silicone Treatment	Silane (11S)	Silane treatment exhibits zero hydrogen potential and maximum water repellency.
	Methicone (MS)	Methicone treatment has excellent hydrophobicity.
Lipophilic Treatment	Titanate (I)	Kobo's patented Titanate Treatment is highly lipophilic and approved for use globally.
	Magnesium Myristate (MM)	Magnesium Myristate Treatment has a creamy feel and is hydrophobic.
Hybrid Treatment	TTB	Superdispersible Treatment that wets out in oils, esters, silicones and hydrocarbons.
	Titanate/ Amino Acid (ASI)	Good dispersability in silicones and esters, while offering smooth feel and uniform adhesion on the skin.
Hydrophobic/ Lipophobic Treatment	Perfluoroalcohol Phosphate (PF)	This treatment is both hydrophobic and lipophobic. This treatment will give long lasting wear and a natural finish.
Natural Treatment	Jobba Esters (NJE)	Hydrophobic, while offering creamy feel and good adhesion to the skin.
	Carnauba Wax (W)	Gives creamy feel and good adhesion to the skin, while improving pressability.

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