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Nano Titanium Dioxide & Zinc Oxide for Sunscreen, Baby Care & Fairness Products

Sr No	Item Name	INCI Name	Properties and Function	Usage Level	Application
1	Kingruti CR 50SI	Titanium Dioxide (CI 77891) & Aluminum Hydroxide & Dimethicone	Gorgeous, super white and rutile titanium dioxide pigment whose average particle size is about 0.25µm and this is close to the best theory of the particle size. It can improve the stability, skin adhesion, hydrophobicity and whiteness of formula. Covering power is excellent. In addition, its good UV-absorption property can increase a certain amount of SPF value for formula.	General cream 0.3-3.0%, whitening and sunscreen 0.5-5.0%, foundation 3.0-15.0%.	General cream, foundation, sunscreen, whitening and other products, to achieve the natural and delicate cover effect.
2	NanoT 4513 Titanium Dioxide Pre-dispersion Liquid	C12-15 Alkyl Benzoate, Titanium Dioxide Aluminum Hydroxide Stearic acid PEG-30 Dipolyhydroxy stearate	Pre-dispersed Zinc Oxide with 60% powder content. 50nano micron size. It is an excellent UVA & UVB screening agent with excellent antibacterial and antimicrobial function. The micro size evenly dispersed completely, no flocculation. High transparency to spread on skin and not whitening. Excellent fluidity, can be easily dispersed, to simplified formula and process	0.5% to 5%	Sunscreen, Baby Care & Fairness products
3	Nano T N20E-Powder Grade	Titanium Dioxide(90%) & Aluminium Hydroxide and Stearic acid	High Purity, crystal pure, excellent pur rutile type nano titanium dioxide. High Transparency, high UV-shielding rate. Good dispersibility	0.5% to 5%	Sunscreen, Baby Care & Fairness products
4	NanoT Z-6060 Zinc Oxide Pre-dispersion Liquid	ZincOxide, C12-15 Alkyl Benzoate, Polyglyceryl-6 Polyricinoleate, Triethoxycapryl silane	Pre-dispersed Titanium Dioxide with 50% powder content, 50nano micron size and Dispersion medium is C12-15 Alkyl benzoate. It is an excellent UV screener, the same titanium dioxide content of Nano T titanium dioxide dispersion contribution on SPF is far higher than that of titanium dioxide powder. The micro size evenly dispersed completely, no flocculation. High transparency to spread on skin and not whitening. Excellent fluidity, can be easily dispersed without high speed stirring.	0.5% to 5%	Sunscreen, Baby Care & Fairness products
5	Nano T Z-V Powder Grade	Zinc Dioxide-99%	Excellent ultraviolet shielding function, adsorption of full-wave band of UVA & UVB. Excellent antibacterial and antimicrobial function. Superfine and uniform particle with high transparency. Good dispersibility	0.5% to 5%	Sunscreen, Baby Care & Fairness products
6	Kingmagic Encapsulated colors Black, Red, Yellow & Brown	Talc & CI 77891 & CI 77499 & Mannitol & Hydrogenated Lecithin, Talc & CI 77891 & CI 77492 & CI 77491 & CI 77499 & Mannitol & Hydrogenated Lecithin	Kingmagic-100 colors, a white-coated-magic color particles, is used advanced micro capsule technology and has lots of characteristics such as excellent encapsulation effect, high content of color powder, stable particle, good compatibility, smearing free sand grit and so on. When rubbed on the skin surface gently, it can release color, this process shows the change of white to color. Used with other Kingmagic particles, the ideal color changing effect can be modulated.	0.5% to 4%	Color cosmetics products, Cream, lotion (O/W, W/O, W/Si, Si/W, etc.), as well as transparent gel products