

PRODUCT SPECIFICATIONS

Product: **KOBOPEARL® PERPETUAL IO RedOrange-11S2**

INCI Name: Synthetic Fluorphlogopite (And) Silica (And) Iron Oxides (CI 77491) (And) Titanium Dioxide (And) Triethoxycaprylylsilane

<u>Test ID</u>	<u>Test Name</u>	<u>Specification</u>			<u>Test Method</u>
		<u>Min</u>	<u>Max</u>	<u>Text</u>	
001A	Appearance			Free flowing orange powder	Visual
002A	Odor			Characteristic	Organoleptic
010A	Loss on Drying, %	0	2		2hrs. @ 105°C
012B	Microbiology			Total bacterial count < 100/g (ml); Yeast and mold < 100/g (ml); No gram negative or positive	Current USP Microbial Limit Test
024J	Particle Size Range, µm			---	Light Scattering Sizer
033D	Hydrophobicity			Place 1g On 45g water. Shake 10 times. Water remains clear.	0.5g/50ml, 1hr.
996A	* Notes on Storage			Store under dry conditions and keep containers closed.	
<i>This material meets all applicable purity requirements of the FDA (21CFR), the E.C., and Japan for cosmetic color additives.</i>					
027F	Arsenic, ppm	0	1		AAS
029H	Lead, ppm	0	10		AAS
031C	Mercury, ppm	0	1		AAS
032A	Antimony, ppm	0	2		AAS
080B	Cadmium, ppm	0	1		AAS
084A	Zinc, ppm	0	50		AAS