

PRODUCT SPECIFICATIONS

Product: **BTD-V-11S2**

INCI Name: Titanium Dioxide (And) Triethoxycaprylylsilane

<u>Test ID</u>	<u>Test Name</u>	<u>Specification</u>			<u>Test Method</u>
		<u>Min</u>	<u>/</u>	<u>Max</u> / <u>Text</u>	
001A	Appearance	Fine White Powder, No Grit			Visual
002A	Odor	Characteristic			Organoleptic
010A	Loss on Drying, %	0.00		1.00	1 gram sample, 2 hr @ 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
033A	Hydrophobicity	Place 1g On 45g water. Shake 10 times. Water remains clear			Shake powder with water in a jar
037A	Oil Absorption, g. / 100g.	10		25	ASTM Method D281-84
038A	Apparent Density, gm/cbi	---			CTFA Method C8-2, Scott Volumeter
24S2	Particle size range, nm	< 10% under 100 nm			Imaging Analysis
	* Notes on Storage	Store under dry conditions and keep containers closed.			
	Heavy Metal(s)				
	Base pigments	TiO2 meets 21CFR, E-171 and USP specifications prior to surface treatment			
027H	Arsenic (as As), ppm	0		1	FDA method
029D	Lead, ppm	0		10	FDA Method
031F	Mercury, ppm	0		1	FDA method
032J	Antimony, ppm	0		2	FDA method

If you have any questions about the information contained within this document, please contact Stephanie Fiallos, tel +1 (908) 941-9108.

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