

PRODUCT SPECIFICATIONS

Product: MICA S-11S4

INCI Name: Mica (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	Off white to satin 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
017B	Loss on Ignition, %	0		3	3hrs. @ 500°C
027M	Arsenic (As), ppm	0		3	ICP-MS Method
029P	Lead (Pb), ppm	0		10	ICP-MS Method
031L	Mercury, ppm	0		1	ICP Method
033B	Hydrophobicity	0.5g float on 50 ml of water for about 1 hour with no disturbance.			Float powder on water at room temperature
038A	Apparent Density, gm/cbi	3		6	CTFA Method C8-2, Scott Volumeter
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			