

PRODUCT SPECIFICATIONS

Product: MST-547-FS

INCI Name: Polymethylsilsesquioxane (And) Perfluorohexylethyl Triethoxysilane

<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	White to off-white fine powderr			Visual
002A	Odor	Slight characteristic odor, TMS			Organoleptic
010C	Loss on Drying, %	0		3	3hrs. @ 105°C/USP Method
012B	Microbiology	Total bacterial count < 100/g (ml); Yeast and mold < 100/g (ml); No gram negative or positive			Current USP Microbial Limit Test
024N	Mean Particle Size, µm	3		5	Light Scattering Sizer
027G	Arsenic, ppm	0		3	CTFA Method F 1-1, Silver Diethyldithiocarbamate
029B	Lead, (as Pb), ppm	0		10	Weak Acid Extraction AA Method
033B	Hydrophobicity	0.5 g powder float on water for over 1 h			Float powder on water at room temperature
036A	Identification	To Match Standard			IR
047A	Lipophobicity	0.5 g powder float on mineral oil for over 1 h			
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			