

PRODUCT SPECIFICATIONS

Product: CM3K50XZ4

INCI Name: Zinc Oxide (And) Cyclopentasiloxane (And) PEG-10 Dimethicone (And) Methicone

<u>Test ID</u>	<u>Test Name</u>	<u>Specification</u>			<u>Test Method</u>
		<u>Min</u>	<u>/</u>	<u>Max</u>	
001A	Appearance	White to Off White Liquid, TMS			Visual
002A	Odor	Characteristic, TMS			Organoleptic
004A	Viscosity, cPs @ 25C	150		1500	Brookfield Viscometer
007A	Specific Gravity, @25C	1.45		1.70	Weight per Gallon Cup
008A	Zinc Oxide, %	46		50	USP 40 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
024G	Mean Particle Size, nm	150		200	Photon Correlation Spectroscopy
024K	Standard Deviation, nm	0		90	Photon Correlation Spectroscopy
036A	Identification	To Match Standard			IR
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
997A	* Note 2				
998A	* Note	Dry zinc oxide powder meets USP requirements prior to surface treatment.			
	Heavy Metal(s)				
027G	Arsenic, ppm	0		3	CTFA Method F 1-1, Silver Diethyldithiocarbamate
029B	Lead, (as Pb), ppm	0		10	Weak Acid Extraction AA Method