

PRODUCT SPECIFICATIONS

Product: MICA S-MS2

INCI Name: Mica (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> / <u>Text</u> | |
| 001A | Appearance | Off White To Satin Powder, No Grit | | | Visual |
| 002A | Odor | Odorless | | | Organoleptic |
| 010A | Loss on Drying, % | 0 | | 1 | 1 gram sample, 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 |
| 024M | Screen test (% thru 325 mesh) | 95 | | | Standard Sieves |
| 027G | Arsenic, ppm | 0 | | 3 | CTFA Method F 1-1, Silver Diethyldithiocarbamate |
| 029B | Lead, (as Pb), ppm | 0 | | 20 | Weak Acid Extraction AA Method |
| 031D | Mercury, ppm | 0 | | 1 | Weak Acid Extraction AA Method |
| 033A | Hydrophobicity | Place 5g On 45g water. Shake 10 times. Water remains clear. | | | Shake powder with water in a jar |
| 037A | Oil Absorption, g. / 100g. | 50 | | 80 | ASTM Method D281-84 |
| 038A | Apparent Density, gm/cbi | 3 | | 7 | CTFA Method C8-2, Scott Volumeter |
| 996A | * Notes on Storage | Store under dry conditions and keep containers closed. | | | |
| 997A | * Note 2 | | | | |
| 998A | * Note | All the ingredients in this product meet the requirement for that ingredient as specified in 21 CFR. | | | |