



URNS YOUR VISIONS INTO REALITY

TECHNICAL DATA SHEET

**MICROSLIP**

**MICROSLIP** products are micronized Polytetrafluoroethylene (PTFE) powders. These polymers are characterized by their excellent heat resistance and lubricity. **MICROSLIP** products provide superior flow properties and enhance the feel of the cosmetic formulation. Particle size distribution is carefully controlled by Microtrac laser diffraction analysis.

**MICROSLIP** PTFEs are particularly useful in color cosmetics and can be utilized as a bulking agent to increase the volume of an applied cosmetic. **MICROSLIP** products will reduce the oily feel associated with creams and lotions. These products will also act as an SPF enhancer in sunscreen applications.

PROPERTIES	TEST METHOD	MICROSLIP	
		519	519L
Composition (INCI Name)	IR	PTFE	PTFE
CAS No(s).		9002-84-0	9002-84-0
Appearance	Visual	White Powder	White Powder
Odor		Odorless	Odorless
Melting Point °F (DSC)	ASTM D 4591	> 600	> 600
Melting Point °C (DSC)	ASTM D 4591	> 316	> 316
Density @ 25°C (g/cc)	ASTM D 792	2.2	2.2
Particle Size Analysis (Microtrac): Mean Particle Size (microns)	ASTM D 4464	5.0-6.0	11.0-13.0
<b>REGULATORY INFORMATION</b>			
EINECS No(s).		204-126-9	204-126-9
TSCA Registered			
Heavy Metals: Pb < 1.0 ppm As < 1.0 ppm		Conforms to CONEG Regulations	

**Applications:** Face powders, blushes, mascara, eye shadow, make-up bases, sunscreens, foundations, creams and lotions.

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