



# MICRO POWDERS, INC.

Specialty Micronized Wax Additives

PRESSED POWDER WITH MICROSLIP 519L			
INGREDIENT	INCI NAME	% W/W	SUPPLIER
<b>Phase A</b>			
Rose Talc	Talc	22.00	Presperse
Sericite PHN	Mica	29.45	Presperse
Phycorail®	Corallina Officinalis	1.00	Biotech Marine
UV-Titan X161	Titanium Dioxide (&) Stearic Acid (&) Aluminum Oxide	10.00	Kemira
Tronox CR-837 - CTFA	Titanium Dioxide	5.00	Kerr-McGee
Red Iron Oxide 7080	Iron Oxide	1.00	Sensient Colors LLC
Yellow Iron Oxide 7055	Iron Oxide	2.00	Sensient Colors LLC
Black Iron Oxide 7133	Iron Oxide	0.35	Sensient Colors LLC
<b>Phase B</b>			
<b>Microslip® 519L</b>	PTFE	5.00	<b>Micro Powders, Inc.</b>
Ganzpearl GM-0600	Polymethyl Methacrylate	15.00	Presperse
<b>Phase C</b>			
Petrolatum	Petrolatum	1.00	N/A
Permethyl® 102A	Isoeicosane	3.00	Presperse
Liposorb SQO	Sorbitan Sesquioleate	0.20	Lipo Chemicals
Dow Corning 200/10	Dimethicone	3.00	Dow Corning
Macadamia Nut Oil	Macadamia Nut Oil	0.50	N/A
Vitamin E Acetate	Tocopherol Acetate	0.50	BASF
<b>Phase D</b>			
BarGuard™ S	Caprylyl Glycol, Phenoxyethanol & Sorbic Acid	1.00	Hampford Research Inc.
<b>Total</b>		<b>100%</b>	

## Procedure

1. Combine Phase A in a suitable blender and mix until uniform.
2. Pass Phase A two times (2X) through a pulverizer equipped with a 0.020" screen.
3. Check for undispersed pigment. Additional pulverizations may be required.
4. Return the phase to the blender and add Phase B. Mix until uniform.
5. Pass the batch one time (1X) through a pulverizer equipped with a 0.125" screen.
6. Check for undispersed polymer. Additional passes may be needed.
7. Return the batch to the blender.
8. Pre-mix Phase C and heat the phase until it becomes clear. Spray the phase into the batch.
9. Spray Phase D into the batch. Mix until uniform.
10. Pass the batch two times (2X) through a pulverizer equipped with a 0.064" screen.
11. Check for undispersed oil. Additional passes may be needed.
12. Store in suitable containers.