



MICRO POWDERS, INC.

Specialty Micronized Wax Additives

PRESSED POWDER WITH MICROPOLY 1160S AND MICROSILK 419

INGREDIENT	INCI NAME	% W/W	SUPPLIER
Phase A			
Talc Micro Ace P-2	Talc	42.90	Presperse
Microsilk® 419	Polyethylene & PTFE	1.00	Micro Powders, Inc.
Zinc Stearate	Zinc Stearate	2.00	Sun Ace Kakoh Ltd.
SP 29-UVS	Bismuth Oxychloride/ Silica/Mica	10.00	Presperse
Unipure Red LC381 Oxide	Iron Oxide	0.26	Sensient Colors LLC
Unipure Yellow LC182 Oxide	Iron Oxide	0.55	Sensient Colors LLC
Unipure Black LC989	Iron Oxide	0.18	Sensient Colors LLC
Potassium Sorbate	Potassium Sorbate	0.25	Lotioncrafter
Phase B			
Sericite PHN	Mica	24.15	Presperse
Micropoly® 1160S	Polyethylene	12.00	Micro Powders, Inc.
Phase C			
Ceraphyl 847	Octyldodecyl Stearoyl Stearate	3.13	Ashland LLC
Alcolec S	Lecithin	0.20	American Lecithin Co.
Ceraphyl 368	Ethylhexyl Palmitate	2.43	Ashland LLC
Vitamin E-Acetate	DL-alpha-tocopheryl acetate	0.20	BASF
Barguard CP	Caprylyl Glycol, Phenoxyethanol, Hexylene Glycol	0.75	Hampford Research Inc.
	Total	100%	

Procedure

1. Combine ingredients of Phase A (in the order listed) and pass through the micropulverizer twice.
2. Drawdown powder phase to check for color streaking. If needed, re-pulverize to ensure uniformity of phase/color.
3. Add Phase B materials to Phase A. Blend well until evenly dispersed.
4. Pre-mix Phase C materials separately. (NOTE: Slight heat may be required to ensure that the BHT is dissolved in the phase. DO NOT heat above 40°C).
5. Add Phase C and blend well until evenly dispersed.