MICRO POWDERS, INC. *Personal Care Division*

580 White Plains Road, Tarrytown, NY 10591 Tel: (914) 793-4058 Fax: (914) 472-7098 E-mail: mpi@micropowders.com

MASCARA WITH MATTEBLACK 523

Product Name	INCI Name	%W/W	Supplier
Phase A			
Deionized Water	Water	46.80	N/A
Keltrol CG	Xanthan Gum	0.15	CP Kelco
Veegum HV	Magnesium Aluminum Silicate	0.40	RT Vanderbuilt
Phase B			
Phenonip	Phenoxyethanol (&) Methylparaben (&) Butylparaben (&) Ethylparaben (&) Propylparaben	0.50	Clariant
Dissolve NA-2	Disodium EDTA	0.05	Akzo Noble
Protachem GL-26	Glycereth-26	1.00	Protameen Chemicals Inc.
AMP Ultra PC 2000	2-Amino-2-Methyl-1-Propanol	0.10	ANGUS Chemical Co.
Phase C			
Lipo SFS-5	Isododecane (&) Hydrogenated Polydecene (&) Bis-Behenyl /Isostearyl/ PhytosterylDimmer Dilinoleyl Dimer Dilinoleate	5.00	Lipo Chemicals
Panalane L-14E	Hydrogenated Polybutene	2.00	Lipo Chemicals
Beeswax (White)	Beeswax	3.00	N/A
Lipovol J	Simmondsia Chinensis (Jojoba) Seed Oil	0.50	Lipo Chemicals
Hystrene 9718 NF EXTPWDR	Stearic Acid	2.00	PMC Biogenix
Arlacel 165	Glyceryl Stearate (&) PEG -100 Stearate	2.00	Croda
Lipocol S	Stearyl Alcohol	1.50	Lipo Chemicals
Permethyl 284C	C15-19 Alkane (&) C12-14 Isoparaffin (&) Polyisobutene	4.00	Presperse LLC
Microcare 350	Copernicia Cerifera (Carnauba) Wax	1.50	**Micro Powders, Inc.**
Micropoly 220L	Polyethylene	3.50	**Micro Powders, Inc.**
Phase D			
DC 5225C	Cyclopentasiloxane (&) PEG/PPG-18/18 Dimethicone	1.00	Dow Corning
Unipure Triple Black LC990	CI 77499	8.00	Sensient LCW
Matteblack 523	Polypropylene (&) Black 2	2.00	**Micro Powders, Inc.**
Dow Corning 749 Fluid	Cyclopentasiloxane (&) Trimethylsiloxisilicate	15.00	Dow Corning

Procedure

1. In a main kettle, combine the Phase A ingredients one at a time. Mix with low shear homogenization and slight heating for 30 minutes until all are completely dissolved.
2. When Phase A is completely dissolved, add the Phase B ingredients one at a time and homogenize until completely dissolved.
3. When Phase B is completely dissolved, heat to 80 degrees C under homogenization.
4. Pre-mix the ingredients of Phase D in a separate container until uniform.
5. In a separate vessel, weigh the components of Phase C and begin heating to 80 degrees C. Mix until all the waxes are completely melted and dissolved.
6. When both phases are 80 degrees C and uniform, slowly add Phases A&B to Phase C and homogenize for 15 min.
7. Begin to slow cool the batch. When the temperature reaches 45 degrees C, slowly add pre-mixed Phase D under homogenization. Mix until uniform.
   Switch to side wiper or paddle agitation, and continue to cool batch to room temperature. When batch is at room temperature, store in appropriate containers.