



# MICRO POWDERS, INC.

Specialty Micronized Wax Additives

## LIPSTICK WITH MICROPOLY 204 AND MICROCORE 350

| INGREDIENT                    | INCI NAME  | % W/W       | SUPPLIER                   |
|-------------------------------|--|-------------|----------------------------|
| <b>Phase A</b>                |  |             |                            |
| NF White Beeswax              | Beeswax  | 9.00        | Koster Keunen              |
| Double Refined Candelilla Wax | Candelilla Wax                                     | 5.00        | Koster Keunen              |
| <b>Microcare 350</b>          | Copernicia Cerifera (Carnauba) Wax                 | 7.00        | <b>Micro Powders, Inc.</b> |
| Permethyl®102A                | Isoeicosane  | 6.00        | Presperse                  |
| Permethyl®104A                | Polyisobutene                                      | 3.50        | Presperse                  |
| Lexol® IPP                    | Isopropyl Palmitate                                | 12.00       | Inolex                     |
| Liponate TDTM                 | Tridecyl Trimellitate                              | 10.00       | Lipo                       |
| Liponate 2-DH                 | PEG-4 Diheptanoate                                 | 4.00        | Lipo                       |
| Protachem ISP                 | Isostearyl Palmitate                               | 9.35        | Protameen Chemicals Inc.   |
| Lipovol CO                    | Castor (Ricinus Communis) Oil                      | 20.00       | Lipo                       |
| <b>Phase B</b>                |  |             |                            |
| <b>Micropoly® 204</b>         | Synthetic Wax                                      | 2.00        | <b>Micro Powders, Inc.</b> |
| <b>Phase C</b>                |  |             |                            |
| Optiphen OD                   | Caprylyl Glycol                                    | 1.00        | Ashland LLC                |
| Sericite PHN                  | Sericite   | 1.00        | Presperse                  |
| Spheron® P 1500               | Silica   | 1.50        | Presperse                  |
| <b>Phase D</b>                |  |             |                            |
| Covapate Uniwhite LC9781      | Titanium Dioxide (&) Castor (Ricinus Comminus) Oil | 6.30        | Sensient Colors LLC        |
| Covapate Unibrown LC8780      | Iron Oxide (&) Castor (Ricinus Comminus) Oil       | 2.25        | Sensient Colors LLC        |
| Vitamin E Acetate             | Tocopheryl Acetate                                 | 0.05        | BASF                       |
|                               | <b>Total</b>                                       | <b>100%</b> |                            |

### Procedure

1. Charge Phase A into a suitable kettle. Begin mixing and heating to 80-85°C.
2. Add Phase B to A, mixing well while adding.
3. Add Phase C to the batch. Mix well until uniform.
4. Add Phase D to the batch. Mix well until uniform.
5. Pour into suitable mold at 70-75°C.