



Cream to Powder Foundation

Product Highlighted: **Floramac® 10**



a **Cargill** company

This unique, non-volatile, low silicone foundation applies with a creamy texture and finishes with a powder-dry feel. Floramac 10 provides the dry emollient feel and, unlike cyclopentasiloxane materials, is naturally derived and will not evaporate after application. 

| Phase | Trade/Common Name | INCI Name | Manufacturer | %wt/wt |
|--------------|---|--|--|----------------------|
| A. | Floramac 10 SF 1550 | Ethyl Macadamiate Phenyl Trimethicone | Florotech Momentive Performance Materials | 29.33 1.00 |
| | Permethyl® 102A Dow Corning® 9506 Powder | Isoeicosane Dimethicone/Vinyl Dimethicone Crosspolymer | Presperse Dow Corning Corporation | q.s. 1.50 |
| B. | Performalene® 400 Polyethylene | Polyethylene | New Phase Technologies / Baker Hughes | 3.65 |
| | 7820 Light Special Candelilla Real® | Euphorbia Cerifera (Candelilla) Wax | Multiceras | 2.36 |
| | Syncrowax HR-C CSM Optimus + Microcrystalline Wax | Tribehenin Microcrystalline Wax | Croda International Clarus Specialty Products | 0.50 1.60 |
| C. | Titanium Dioxide (U.S.P.,C.T.F.A, Food Grade) (34PC0748) | Titanium Dioxide | DyStar | 14.50 |
| | Unipure® Yellow LC 182 | Iron Oxides | Sensient Cosmetic Technologies | 1.50 |
| | Pur Oxy Black BC (34PC3190E) | Iron Oxides | DyStar | 0.15 |
| | Unipure® Red LC 381 | Iron Oxides | Sensient Cosmetic Technologies | 0.45 |
| | RonaFlair® White | Sodium Potassium Aluminum Silicate (and) Silica (and) Titanium Dioxide | EMD Chemicals Inc. | 11.00 |
| | Tres BN® PUHP1109 | Boron Nitride | Saint-Gobain Advanced Ceramics | 0.50 |
| D. | Ganzpearl® GM-0600 | Polymethyl Methacrylate | Presperse | 5.50 |
| | Spheron P-1500 | Silica | Presperse | 3.50 |
| | Natrasorb® HFB | Aluminum Starch Octenylsuccinate (and) Acrylates Copolymer (and) Magnesium Carbonate | Nouryon | 5.50 |
| D. | Univul® MC80 | Ethylhexyl Methoxycinnamate | BASF Corporation | 6.20 |
| | Eusolex® 4360 | Benzophenone-3 | EMD Chemicals Inc. | 2.06 |
| | Preservative ¹ | ----- | ----- | q.s. |
| | Covi-Ox® T 70 C | Tocopherol | BASF Corporation | 0.10 |
| | RTD Alpha-Bisabolol Natural | Bisabolol | The HallStar Company | 0.20 |
| Total | | | | 100.00 |

Mixing Procedure

- Mix Phase A at 85-90°C with moderate propeller agitation.
- Mix all components of Phase B at 95°C and stir until homogeneous. Add Phase B to Phase A and keep the temperature of the mixture at 90°C.
- With the aid of a homomixer, add each ingredient of Phase C to Phase AB. Continue to homomix this combination at 90°C to ensure uniform pigment dispersion.
- Mix all components of Phase D at 70°C. Cool Phase ABC down to 70°C and add Phase D with moderate homomixing agitation.
- Pour final mixture, while hot in liquid form, into containers and cool to room temperature.

Typical Properties: **Dropping Point: 59.1 - 67.0°C**
Relative Strength: 0.15 - 0.30 kg
Penetration: 175 - 250 dmm

¹ Preservative: Phenonip® [INCI: Phenoxyethanol (and) Methylparaben (and) Ethylparaben (and) Butylparaben (and) Propylparaben (and) Isobutylparaben] supplied by Clariant Corporation

Note: The information herein is based on our research and the research of others and is believed to be accurate. No guarantee of accuracy is made and the products are provided without warranty, expressed or implied and upon condition that purchasers shall make their own tests to determine the suitability, stability or safety of such products for their particular purposes. Likewise, statements concerning the possible use of these products are not intended as recommendations to use these products in infringement of any patent or in the treatment, prevention, or cure of any medical condition. INCI/trade names must be verified with each manufacturer. (Cleared for Public Disclosure)