

Formulation Information
New Skin Care Applications



Interphase

Gel Foundation: High Spreadability, High viscosity

Formulation 00838

ATTRIBUTES

- Cold Processing
- Smooth skin feel
- Very comfortable to wear
- High Spreadability
- High viscosity

DOW CORNING® PRODUCTS

- Dow Corning® 2-1184 FLUID
- Dow Corning® 245 FLUID
- Dow Corning® 5200 FORMULATION AID
- Dow Corning® 9701 COSMETIC POWDER
- Dow Corning® BY 11-030

Ingredient	Wt. %	Trade Name/Supplier
Phase A		
1. Cyclopentasiloxane	38.43	Dow Corning® 245 FLUID
2. Lauryl PEG/PPG-18/18 Methicone	1.5	Dow Corning® 5200 FORMULATION AID
3. Cyclopentasiloxane (and) Dimethicone Copolyol	23.5	Dow Corning® BY 11-030
4. Dimethicone (and) Trisiloxane	7.6	Dow Corning® 2-1184 FLUID
5. Isononyl Isononanoate	7.6	Isononyl Isononanoate / LCW Sensient
6. Phenoxyethanol (and) Methylparaben (and) Ethylparaben (and) Butylparaben (and) Isobutylparaben (and) Propylparaben	0.3	Dekaben / Jan Dekker
Phase B		
7. CI 77499 (and) Triethoxycaprylylsilane	0.2	Unipure Black LC 989 AS-EM / LCW Sensient
8. CI 77891 (and) Triethoxycaprylylsilane	4.4	Unipure White LC 981 AS-EM / LCW Sensient
9. CI 77492 (and) Triethoxycaprylylsilane	0.9	Unipure Yellow LC 182 AS-EM / LCW Sensient
10. CI 77491 (and) Triethoxycaprylylsilane	0.4	Unipure Red LC 381 AS-EM / LCW Sensient
11. Cyclopentasiloxane	5.9	Dow Corning® 245 FLUID
Phase C		
12. Dimethicone/Vinyl Dimethicone Crosspolymer (and) Silica	7.1	Dow Corning® 9701 COSMETIC POWDER
13. Mica (and) Iron Oxides (and) Titanium Dioxide	0.5	Lumiral / LCW Sensient
14. Silica Dimethyl Silylate	1	Covasilic 15 / LCW Sensient
Phase D		
15. Water	0.67	

Procedure

1. Mix phase A ingredients together until all ingredients are completely dissolved.
2. Premix the pigments in DC 245 using Ultra-Turrax, homogenize until uniform
3. Add phase B to phase A and homogenize.
4. Mix phase C ingredients together.

5. Add phase C to AB blend, slowly and with turbulent mixing.
6. Continue to stir for 1 hour at 1400 rpm.
7. Homogenize using a high shear mixer.
8. Add phase D under stirring, and reduce the stirring speed (formulation will rapidly increase viscosity). Continue to stir for additional 5-10 minutes. Final viscosity is around 35.000-40.000 cps (Spn7, 20 rpm)

Variations

Alternative Dow Corning® Products have not been tested as of this printing.

Stability

Stable for at least 3 months at room temperature and 40°C.

External Reference Material

Color your world

Dow Corning® Application Patents

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