

BrightEssence

Cream: Luminizing, Non-shiny, Powdery Feel

Formulation 00703

ATTRIBUTES

- Fresh effect
- Good spreadability
- Lather Creaminess
- Non-greasy
- Water-in-Oil emulsion
- Luminizing
- Non-shiny
- Powdery Feel

DOW CORNING® PRODUCTS

- Dow Corning® 1501 FLUID
- Dow Corning® 345 FLUID
- Dow Corning® 9011 SILICONE ELASTOMER BLEND
- Dow Corning® TREFIL E-506 S (DC 9506 POWDER)

Ingredient

Wt. % Trade Name/Supplier

Phase A

- | | | |
|---|------|--|
| 1. Cyclopentasiloxane (and) PEG-12 Dimethicone Crosspolymer | 11.2 | Dow Corning® 9011 SILICONE ELASTOMER BLEND |
| 2. Cyclomethicone | 11.9 | Dow Corning® 345 FLUID |
| 3. Cyclopentasiloxane (and) Dimethiconol | 1.7 | Dow Corning® 1501 FLUID |
| 4. Isopropyl Myristate | 6.7 | Dub IPM / Stearinerie Dubois Fils |
| 5. Phenoxyethanol (and) Methylparaben (and) Ethylparaben (and) Butylparaben (and) Isobutylparaben (and) Propylparaben | 0.5 | Dekaben / Jan Dekker |
| 6. Zinc Oxide (and) Dimethicone | 1 | Z-Cote HP-1 / BASF Corporation |
| 7. Perfume | 0.4 | Pirouette / Firmenich |

Phase B

- | | | |
|--------------------|-----|----------------------------------|
| 8. Water | 53 | |
| 9. Glycerin | 2.5 | Glycerin / No Supplier Specified |
| 10. Alpha Arbutin | 1 | Alpha Arbutin / Pentapharm, CH |
| 11. Ethoxydiglycol | 5 | Trivalin SF / S. Black |

Phase C

- | | | |
|--|-----|--|
| 12. Dimethicone / Vinyl Dimethicone Crosspolymer | 4.1 | Dow Corning® TREFIL E-506 S (DC 9506 POWDER) |
| 13. Silica | 1 | Ronasphere / Merck KGaA |

Procedure

1. Mix ingredients 1 and 2 with ingredient 6 using ultra-turrax until homogeneous.
2. Mix rest of phase A and add the Z-Cote HP1 premix to it.
3. Mix ingredients of phase B together.
4. Add slowly phase B to phase A with moderate stirring.
5. Mix for 5 minutes.
6. Prepare a premix of phase C by mixing the ingredients in a coffee-grinder until obtaining a flowing powder mix.

7. Spread the powder-mix into the formulation while stirring and increase stirring speed up to 1300 rpm
8. Homogenize using ultra-turrax at 15000 rpm for at least 1 minute

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

No external references identified as of this printing.

Dow Corning® Application Patents

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