

Category: Makeup – Face

LF1-181: Dermothix 100 Foundation

Ingredient	INCI	Supplier	W/W%
Phase A (Aqueous)			
DI Water	Water	--	69.9
1,3 Butylene Glycol	Butylene Glycol	Alzo International	1.8
Dermothix 100	Disteareth-100 IPDI	Alzo International	2.7
Phase B (Oils)			
Beantree	Methylheptyl Isostearate	Alzo International	4.5
Dermol MOS	Isostearyl Neopentanoate (and) Isocetyl Stearate	Alzo International	4.5
Dermol OL	Oleyl Lactate	Alzo International	4.5
Parapel HC-85	Linoleamidopropyl Ethyldimonium Ethosulfate (and) Dimethyl Lauramine Isostearate	Alzo International	0.9
Phase C (Pigments)			
INBP70U	Titanium Dioxide (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid	Kobo	8
INBP55EY (Yellow Iron Oxide)	Iron Oxides (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate	Kobo	1.2
INBP75EBR (Brown Iron Oxide)	Iron Oxides (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate	Kobo	1
Phase D (Preservatives)			
Dermol CG	Caprylyl Glycol	Alzo International	0.5
Dowenol EPH	Phenoxyethanol	Dow	0.5
Total			100.0

Manufacturing Procedure:

- 1) Add water & butylene glycol to beaker and heat to 70-75° C, then add Dermothix 100 and mix until smooth gel is obtained
- 2) In side beaker, add Phase B and heat to 70-75°C.
- 3) Combine Part A and Part B with mixing, then begin cooling to room temperature.
- 4) Add Phase C (pigment grinds) and mix until homogenous.
- 5) Below 40° C, add Phase D (preservatives) and mix until homogenous.

Alzo Ingredient Benefits:

Beantree – Ecocert / Cosmos 100% Natural ester derived from castor and rapeseed. It is a light, dry ester that is a good alternative to volatile silicones

Dermol OL – medium viscosity ester that provides cushion to the application and boosts hydration of the skin & lips

Dermothix 100 – water soluble polyurethane thickener and gelling agent. It is self-leveling and exhibits unique flow properties, which improve application and payoff on the lashes

Parapel HC-85 – water-soluble cationic conditioner with anti-static & detangling properties for the hair and softening for the skin