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Category: Makeup – Face

LF2-042: BioMade BA-HS Hemp Ester Dermothix Foundation

Ingredient	INCI	Supplier	W/W%
Phase A (aqueous)			
DI Water	Water	--	70.1
1,3 Butylene Glycol	Butylene Glycol	Alzo International	1.8
Dermothix 100	Disteareth-100 IPDI	Alzo International	2.8
Phase B (NuLastic)			
NuLastic Soft D99-8	Isononyl Isononanoate (and) Divinyldimethicone/Dimethicone Crosspolymer	Alzo International	4.5
Glycerin	Glycerin	Alzo International	1
Phase C (oils)			
Beantree	Methylheptyl Isostearate	Alzo International	4.1
BioMade BA-HS	Behenyl Cannabis Seedate	Alzo International	3.6
Dermol OPG	Ethylhexyl Pelargonate	Alzo International	4.1
Cupl PIC	PPG-2 Isoceteth-20 Acetate	Alzo International	2
Phase D (Pigments)			
Timica Terra White	Mica (and) Titanium Dioxide	BASF	2
Chroma-Lite Brown	Mica (and) Bismuth Oxychloride (and) Iron Oxides	BASF	3
Phase E (Preservative)			
TroyCare FE10	Iodopropynyl Butylcarbamate (and) Phenoxyethanol	Troy	1
Total			
			100.0

Manufacturing Procedure:

- 1) To the Dermothix 100 add the Butylene Glycol and heat to melt and dissolve the Dermothix. In main beaker, heat the water to 70-75° C and add the Dermothix-BG blend.
- 2) Blend NuLastic & Glycerin together until smooth, then add to phase A.
- 3) Add oil phase ingredients (Phase C) to beaker and heat to 70-75° C. Once everything is melted, add to main beaker.
- 4) Add the pigment grinds (Phase D) and mix until homogenous.
- 5) Cool emulsion down while mixing. Below 40° C, add preservative phase (Phase E) and mix until homogenous.

Alzo Ingredient Benefits:

BioMade BA-HS – naturally derived waxy ester from hemp seed oil. Provides structure to anhydrous products and improves stability in emulsions

Dermol OPG – a branched, light moisturizing emollient ester that is non-greasy and is a good alternative to silicones

NuLastic Soft D99-8 – 8% active silicone elastomer in ester carrier for soft feel, improved wear properties & soft-focus effect