

Category: Makeup – Face

LF1-108: NuPlastic Mousse Foundation

Ingredient	INCI	Supplier	W/W%
Phase A (NuPlastic)			
NuLastic Slip ID-7	Isododecane (and) PEG-10 Dimethicone/ Vinyl Dimethicone Crosspolymer	Alzo International	40
Glycerin	Glycerin	Alzo International	8
Polyderm PE-PA ED	Polyurethane 58	Alzo International	5
Troycare FE02	Iodopropynyl Butylcarbamate (and) Phenoxyethanol	Troy	0.5
Phase B (oils)			
Cetearyl Alcohol	Cetearyl Alcohol	Alzo International	5
Dermol MBDD	Mango Butter Dimer Dilinoleyl Esters/Dimer Dilinoleate Copolymer	Alzo International	5
Phase C (Powders)			
SP-10	Nylon 12	Kobo	10
Talc LCW	Talc	Sensient	10
INBP70U	Titanium Dioxide (and) Isononyl Isononanoate	Kobo	10.4
INBP55EY	Yellow Iron Oxides (C.I. 77492) (and) Isononyl Isononanoate	Kobo	2.4
INBP75ER	Red Iron Oxides (C.I. 77491) (and) Isononyl Isononanoate	Kobo	0.5
INBP7EB	Black Iron Oxides (C.I. 77499) (and) Isononyl Isononanoate	Kobo	0.2
Kobo Mica S-25	Mica	Kobo	3
Total			100.0

Manufacturing Procedure:

- 1) Mix glycerin and NuLastic elastomer until smooth, then add Polyderm PE-Pa ED & Troycare FE02 and mix until it is completely absorbed into the elastomer, making sure there is no pooling.
- 2) In side beaker add, Phase B and heat to 60-65° C or until cetearyl alcohol is melted. Once melted, add to Phase A and mix until homogenous.
- 3) Add the pigments & powders one at a time and mix until uniform.

Alzo Ingredient Benefits:

Dermol MBDD – naturally-derived polymer from mango butter & rapeseed oil; excellent adhesion and pigment dispersant

NuLastic Slip ID-7 – Silicone elastomer with PEG crosslinking that allows incorporation of water & water compatible ingredients, such as glycerin. 7% active elastomer in isododecane

Polyderm PE-PA ED – water-based polyurethane to provides hold and water-resistance in hair & makeup products hair. Combined with NuLastic to create Alzo’s synergistic NuPlastic film forming system

NuPlastic Film System –The synergy of the thermoplastic Polyderm resin and NuLastic silicone elastomer yields emollient and flexible films, as well as long wear and the delivery of water-soluble and water-insoluble actives.