

Category: Hair Color

LF1-174: Blonde Root Touch-Up Stick

Ingredient	INCI	Supplier	W/W%
Phase A (aqueous)			
Nulastic Slip D99-9	Isononyl Isononanoate (and) Bis-Vinyldimethicone/PEG 10 Dimethicone Crosspolymer	Alzo International	34
Glycerin	Glycerin	Alzo International	9.8
DI Water	Water	--	9.8
FDC Yellow 5	Yellow 5		0.7
Nipagard SCF	Caprylyl Glycol (and) 2 Phenoxyethanol	Clariant	0.5
Phase B (waxes)			
Dermol DGDIS	Polyglyceryl 2-Diisostearate	Alzo International	5.9
Polyderm PPI-CO-200	PEG-200 Hydrogenated Castor Oil/IPDI Copolymer	Alzo International	9.8
Dermowax BB	Behenyl Behenate	Alzo International	5.9
Performacol 350	C20-40 Alcohols	New Phase	7.8
SP 88	Microcrystalline Wax	Strahl & Pitsch	3
SP 1026	Ozokerite Wax	Strahl & Pitsch	3
Phase C (colorants)			
INBP50Y5A	Yellow 5 Lake (And) Isononyl Isononanoate (and) etc.	Kobo	4.9
Polyderm PPI-CO-40	PEG-40 Hydrogenated Castor Oil/IPDI Copolymer	Alzo International	4.9
Total			100.0

Manufacturing Procedure:

- 1) In a beaker add the Nulastic elastomer and mix with a propeller blade.
- 2) Dissolve the colorant & preservative in the water, then gradually add into the gel. Once incorporated, heat to 75-80° C.
- 3) Mix and melt ingredients in Phase B and heat to 75-80° C. Once melted, premix Phase C, add to Phase B and mix until homogenous.
- 4) Add Phase A to waxes with mixing until homogeneous. Fill into mold at 75-80° C and chill.

Alzo Ingredient Benefits:

Dermol DGDIS – Good pigment-wetting ester that imparts gloss, and substantivity to the lips. Improves deposit of pigments onto hair or eyelashes.

Dermowax BB – waxy ester that adds structure & payoff to the formula and provides substantivity to lips, skin and hair. MP: 70° C

NuLastic Slip D99-9 – Silicone elastomer with PEG crosslinking that allows incorporation of water & water compatible ingredients, such as glycerin.

Polyderm PPI-CO-200 – water-soluble polymer derived from Castor Oil, which provides lubricity and slip to both skin and hair products.