

Category: Color

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**TC1-112: Slip Lipstick Roller Milled with Color  
Changing Organic Color**

<i>Ingredient</i>	<i>INCI</i>	<i>Supplier</i>	<i>W/W%</i>
<b>Phase A (Oil)</b>			
Dermol DGDIS	Polyglyceryl 2-Diisosterate	Alzo International	14.0
Polyderm PPI-CO	CASTOR OIL/IPDI COPOLYMER	Alzo International	10.0
Performalene 400	Polyethylene	New Phase Technologies	6.0
Performacol 350	C20-40 Alcohols	New Phase Technologies	8.0
SP89	Microcrystalline Wax	Strahl and Pitsch	2.0
SP1026	Ozokerite Wax	Strahl and Pitsch	2.0
Nulastic Slip Dermol 99-9	Isononyl Isononanoate (and) Bis-Vinyldimethicone/PEG-10 Dimethicone Crosspolymer	Alzo International	35.0
<b>Phase B (Aqueous)</b>			
Water	Water		10.0
NaCl	Sodium Chloride		~ 0.10
Triethanolamine	Triethanolamine		~ 0.20
<b>Phase C (Pigment)</b>			
	Hudson		
Sensient K7061	Iron Oxide	Sensient	10.0
Kobo Mica S25	Iron Oxide	Sensient	2.0
<b>Phase D (Preservative)</b>			
	Capryryl Glycol		0.5
	Phenoxyehanol		0.5
<b>Total</b>			<b>~100.3</b>

**Manufacturing Procedure:**

- 1) Melt Phase A without Nulastic and mix
- 2) Add Nulastic to Phase A and mix until homogenous
- 3) Mix components of Phase B and heat so temperature Phase B is equivalent to Phase A
- 4) Add Phase B into Phase A and mix well – Mix using Silverson Homogenizer
- 5) Mix in Phase C until color is completely dispersed. Continue Mixing using Homogenizer
- 6) Add in Phase D
- 7) Once at a constant temperature of 85°C pour into lipstick mold
- 8) Chill in freezer or Lipstick Chiller
- 9) Remove from mold and place in lipstick tubes

**Alzo Ingredient Benefits:**

**NuLastic Slip:** Silicone Elastomer containing pendant PEG chains – allows incorporation of up to 30% polymer weight in water or water phase ingredients

**Dermol DGDIS:** Good pigment wetting ester, imparts gloss, substantive to skin

**Polyderm PPI-CO:** Polymerized Castor Oil, substantive, provides shine to lip cosmetics, improves wear ability and film forming.

**Formula Benefits:**

Hydrating formula, Softens lips, comfortable to wear, good transfer resistance, good aesthetics and color payoff