

# ALZO International, Inc.

650 Jernee Mill Road Sayreville, New Jersey Phone (732) 254-1901 Fax (732) 254-4423

Category: Lip Color

## DRI-47: Nulastic Surfa Lipstick using Surfa D99-9 and MBDD

| <i>Ingredient</i>        | <i>INCI</i>                                                                      | <i>Supplier</i>        | <i>W/W%</i> |
|--------------------------|----------------------------------------------------------------------------------|------------------------|-------------|
| <b>Phase A (Oil)</b>     |                                                                                  |                        |             |
| Dermol DGDIS             | Polyglyceryl 2-Diisostearate                                                     | Alzo International     | 9.0         |
| Dermol MBDD              | Mango Butter Dimer Dilinoleyl Esters / Dimer Dilinoleate Copolymer               | Alzo International     | 5.0         |
| 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 Surfa D99-9     | Isononyl Isononanoate (and) Bis-Vinyldimethicone/PEG-10 Dimethicone Crosspolymer | Alzo International     | 35.0        |
| <b>Phase B (Aqueous)</b> |                                                                                  |                        |             |
| Water                    | Water                                                                            | N/A                    | 10.0        |
| Glycerin                 | Glycerin                                                                         | Alzo International     | 10.0        |
| <b>Phase C (Pigment)</b> |                                                                                  |                        |             |
| Unipure Red LC 381 Aq    | Iron Oxide                                                                       | Sensient               | 4.0         |

|                               |                                               |                    |            |
|-------------------------------|-----------------------------------------------|--------------------|------------|
| Unipure White 981 Aq          | Iron Oxide                                    | Sensient           | 3.0        |
| Unipure Yellow 182 Aq         | Iron Oxide                                    | Sensient           | 1.0        |
| Cloisssonne Sparkle Gold      | Mica (and) Titanium Dioxide (and) Iron Oxides | BASF               | 1.67       |
| Flamenco Twilight Red 430ZB   | Mica (and) Titanium Dioxide (and) Iron Oxides | BASF               | 1.0        |
| Kobo KTZ Classic White        | Mica (and) Titanium Dioxide                   | Kobo               | 1.33       |
| <b>Phase D (Preservative)</b> |                                               |                    |            |
| Dermol CG                     | Capryryl Glycol                               | Alzo International | 0.5        |
| Phenoxyethanol                | Phenoxyehanol                                 |                    | 0.5        |
| <b>Total</b>                  |                                               |                    | <b>100</b> |

### Manufacturing Procedure:

- 1) Melt Phase A without NuLastic Elastomer and mix
- 2) In side beaker with overhead mixer, mix Phase B (water + Glycerin) into NuLastic Elastome
- 3) Add NuLastic Elastomer into Phase A, blend together with overhead propeller mixer, then add phase D (preservative phase) into NuLastic
- 4) Add pigment – mix into wax phase using Silverson homogenizer
- 5) Once at a constant temperature of 85°C pour into lipstick mold

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