

## Flash Lash Mascara: Waterproof

Formulation 01228

### ATTRIBUTES

- Color intensity
- Easy to apply
- Waterproof

### DOW CORNING® PRODUCTS

- DOW CORNING® 5200 FORMULATION AID
- DOW CORNING® FZ-3196
- DOW CORNING® SW-8005 C30 RESIN WAX

| Ingredient   | Wt. % | Trade Name/Supplier  |
|--|-------|--|
| <b>Phase A</b>   |       |  |
| 1. Caprylyl Methicone  | 4     | DOW CORNING® FZ-3196   |
| 2. Lauryl PEG/PPG-18/18 Methicone  | 6     | DOW CORNING® 5200 FORMULATION AID                            |
| 3. Copernicia Cerifera (Carnauba) Wax  | 2.5   |  |
| 4. C30-45 Alkyldimethylsilyl Polypropylsilsesquioxane  | 4     | DOW CORNING® SW-8005 C30 RESIN WAX                           |
| 5. Caprylic/Capric Triglyceride  | 3     | Crodamol GTCC / Croda, Inc. Myritol 318 / Cognis Corporation |
| <b>Phase B</b>   |       |  |
| 6. Methyl Methacrylate Crosspolymer (and) Silica   | 10    | Covabead PMMA 2 MUSI / LCW Sensient                          |
| <b>Phase C</b>   |       |  |
| 7. CI 77266 (and) Isododecane (and) Polyglyceryl-2 isostearate (and) Quaternium-90 bentonite (and) Propylene Carbonate | 8     | Isoblack 902 AT 20 / LCW Sensient                            |
| <b>Phase D</b>   |       |  |
| 8. Isododecane   | 20    |  |
| <b>Phase E</b>   |       |  |
| 9. Water   | 14    |  |
| 10. Propylene Glycol   | 2.5   |  |
| 11. Preservative (choice)  | 1     |  |
| <b>Phase F</b>   |       |  |
| 12. Acrylates Copolymer  | 25    | Covacryl P12 / LCW Sensient                                  |

### Procedure

1. Prepare, heat and mix phase A to 75°C until homogeneous.
2. Add phase B to phase A while mixing using a propeller blade mixer.
3. Add, mix phase C to bulk using homogenizer. Maintain temperature for 2 minutes.
4. Cool bulk to 65°C and add phase D, mix until homogeneous.
5. Add phase E to bulk, under stirring emulsify using Turrax homogenizer for 2 minutes.
6. Add phase F to bulk. Mix.
7. Pour into an appropriate container at 55°C.

**Variations**

Alternative Dow Corning® Products have not been tested as of this printing.

**Stability**

Stable for 1 month at room temperature and 40°C.

**External Reference Material**

Formulation developed by LCW SENSIENT

**Dow Corning® Application Patents**

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