



# Autumn Release Antiperspirant Roll-on: Nourishes the skin

Formulation 00660

**ATTRIBUTES**

- Contains Natural Ingredients
- Non Tacky
- Reduced Drying Times
- Soothing / anti-irritant
- Nourishes the skin

**DOW CORNING® PRODUCTS**

- DOW CORNING® 556 FLUID
- DOW CORNING® 5562 CARBINOL FLUID
- DOW CORNING® 9011 SILICONE ELASTOMER BLEND

**XIAMETER® PRODUCTS**

- XIAMETER® PMX-0245 CYCLOPENTASILOXANE

Ingredient	Wt. %	Trade Name/Supplier
Phase A		
1. Cyclopentasiloxane (and) PEG-12 Dimethicone Crosspolymer	11	DOW CORNING® 9011 SILICONE ELASTOMER BLEND
2. Cyclopentasiloxane	7	XIAMETER® PMX-0245 CYCLOPENTASILOXANE
3. Phenyl Trimethicone	2	DOW CORNING® 556 FLUID
4. Bis-Hydroxyethoxypropyl Dimethicone	2	DOW CORNING® 5562 CARBINOL FLUID
Phase B		
5. Deionized Water	15.25	
6. Water and Triticum Vulgare (Wheat) Germ Extract and Saccharomyces Cerevisiae Extract and Sodium Hyaluronate	0.3	Iricalmin / Pentapharm, CH
7. Dipropylene Glycol	5	Dipropylene Glycol - Fragrance Grade / Lyondell Chemical Company
8. Citrus Medica Limonum (Lemon) Fruit Water	5.5	Lemon Fruit Water / Gattefosse S.A.
9. Propylene Glycol (and) Water (and) Actinidia Chinensis (Kiwi) Fruit Extract	0.3	Kiwi HPG Titrated / Alban Muller International
10. Polysorbate 20	0.3	Tween 20 Enzyme Grade / Fisher Chemical Company
11. Water and Aluminum Sesquichlorohydrate	50	Reach 301 / Reheis, Inc.
Phase C		
12. Citrus Aurantium2	0.3	Orange Oil, Bitter / Essential Oil University
13. Fragrance	1	Mandarin Oil Italian Water White 013133 / Takasago

14. Benzotriazolyl Dodecyl p-Cresol	0.05	Tinogard TL / Ciba Specialty Chemicals Corporation
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#### Procedure

1. In the main mixing vessel, add ingredients of phase A and mix.
2. In a separate vessel, combine phase B ingredients in order.
3. Begin rapid, turbulent mixing of phase A. Use a dual blade configuration.
4. Add phase B to A very slowly using a separatory funnel while maintaining turbulent mixing of phase A.
5. After the addition of phase B is complete, continue to mix for ten minutes.
6. Reduce mixing speed and blend in phase C until uniform.

#### Variations

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

#### Stability

Stable at room temperature for at least 3 months. Stable at 50° C for at least 1 month. Stable through at least 5 freeze / thaw cycles.

#### External Reference Material

No external references identified as of this printing.

#### Dow Corning® Application Patents

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