



Hydrogel: Sebum absorption, Smooth skin feel

Formulation 00879

ATTRIBUTES

- Sebum absorption
- Smooth skin feel

DOW CORNING® PRODUCTS

- DOW CORNING® HMW 2220 NON-IONIC EMULSION
- DOW CORNING® VM-2270 AEROGEL FINE PARTICLES

XIAMETER® PRODUCTS

- XIAMETER® PMX-0345 CYCLOSILOXANE BLEND

Ingredient	Wt. %	Trade Name/Supplier
Phase A		
1. Carbomer	0.5	Carbopol ETD 2020 / NOVEON / Lubrizol
2. Propylene Glycol	5	
3. Distilled Water	83	
4. Divinyldimethicone / Dimethicone Copolymer (and) C12-13 Pareth-3 (and) C12-13 Pareth-23	5	DOW CORNING® HMW 2220 NON-IONIC EMULSION
5. Sodium Hydroxide	q.s.	
Phase B		
6. Silica Silylate	0.5	DOW CORNING® VM-2270 AEROGEL FINE PARTICLES
7. Cyclopentasiloxane (and) Cyclohexasiloxane	6	XIAMETER® PMX-0345 CYCLOSILOXANE BLEND

Procedure

1. Disperse the Carbomer into the water and mix until uniform.
2. Neutralize to pH 6.5 with Sodium Hydroxide.
3. Add Ingredient 2.
4. Add Ingredient 4.
5. In a separate vessel, wet the Silica Silylate with the Cycloheximethicone
6. Add phase B to phase A with mixing.

Variations

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

Stability

Stable for at least 3 months at room temperature.

External Reference Material

No external references identified as of this printing.

Dow Corning® Application Patents

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