



## Hydrogel: Sebum absorption, Smooth skin feel

Formulation 00879

### ATTRIBUTES

- Sebum absorption
- Smooth skin feel

### DOW CORNING® PRODUCTS

Dow Corning® 345 FLUID

Dow Corning® HMW 2220 NON-IONIC EMULSION

Dow Corning® VM-2270 AEROGEL FINE PARTICLES

Ingredient	Wt. %	Trade Name/Supplier
<b>Phase A</b>		
1. Carbomer	0.5	Carbopol ETD 2020 / NOVEON Inc.
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.	
<b>Phase B</b>		
6. Silica Silylate	0.5	Dow Corning® VM-2270 AEROGEL FINE PARTICLES
7. Cyclopentasiloxane (and) Cyclohexasiloxane	6	Dow Corning® 345 FLUID

### Procedure

1. Disperse the Carbopol 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 Cyclomethicone
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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