**Dow Corning® EP-9801 Hydro Cosmetic Powder**

**FEATURES & BENEFITS**
- White elastomeric silicone powder
- Free-flowing powder
- Water dispersible
- Oil dispersible
- Easy to use in various media
- Smooth and powdery feel
- Soft-focus properties
- Sebum absorption
- Absorption of various fluids and oils

**INCI NAME:** Dimethicone/Vinyl Dimethicone Crosspolymer (and) Silica (and) Butylene Glycol

**APPLICATIONS**
- Skin care
- Color cosmetics
- Sun care

**TYPICAL PROPERTIES**
Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

<table>
<thead>
<tr>
<th>CTM*</th>
<th>Property</th>
<th>Unit</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>0176B</td>
<td>Appearance</td>
<td></td>
<td>White powder</td>
</tr>
<tr>
<td>1151B</td>
<td>Average particle size</td>
<td>μm</td>
<td>3–10</td>
</tr>
<tr>
<td>0025A</td>
<td>Bulk density</td>
<td>g/cm³</td>
<td>0.2–0.5</td>
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*CTM: Corporate Test Method, copies of CTMs are available on request.

**DESCRIPTION**
*Dow Corning® EP-9801 Hydro Cosmetic Powder* is a silicone powder treated with silica and butylene glycol.

The powder can be readily dispersed in water.

The powder can be added to a wide range of formulations (e.g., toner, gel, cream, foundation, as well as other skin care and color cosmetic products).

The powder provides a smooth and powdery feel to water-based formulations.

**HOW TO USE**
*Dow Corning® EP-9801 Hydro Cosmetic Powder* is easy to use. The powder can be added directly to the water phase without the need for making a premix in another fluid. For formulations in a powder form, *Dow Corning® EP-9801 Hydro Cosmetic Powder* can be ground directly with other powders.
HANDLING PRECAUTIONS
PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW CORNING WEBSITE AT DOWCORNING.COM, OR FROM YOUR DOW CORNING SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CORNING CUSTOMER SERVICE.

USABLE LIFE AND STORAGE
When stored at or below 30°C (86°F) in the original unopened containers, this product has a usable life of 18 months from the date of production.

PACKAGING INFORMATION
The product is available in 10 kg bags. Samples are available in 500 g cartons.

LIMITATIONS
This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

HEALTH AND ENVIRONMENTAL INFORMATION
To support customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, dowcorning.com or consult your local Dow Corning representative.

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The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customers’ tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

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Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

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**Figure 2:** *Dow Corning®* EP-9801 Hydro Cosmetic Powder has similar sensory profile compared with *Dow Corning®* 9701 Cosmetic Powder.

![Sensory Profile Diagram]

**Different with 99% confidence level**

There is no significant difference between the 2 powders for all sensory parameters evaluated.

**Table 1:** Oil absorption of *Dow Corning®* EP-9801 Hydro Cosmetic Powder and other powders

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<tbody>
<tr>
<td>INCI name</td>
<td>Dimethicone/Vinyldimethicone Crosspolymer</td>
<td>Dimethicone/Vinyldimethicone Crosspolymer (and) Silica</td>
<td>Dimethicone/Vinyl Dimethicone Crosspolymer (and) Silica (and) Butylene Glycol</td>
<td>Polymethylsilsesquioxane</td>
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<tr>
<td>Artificial Sebum oil*</td>
<td>1.75</td>
<td>1.01</td>
<td>0.85</td>
<td>Close to 0</td>
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<tr>
<td>Mineral oil</td>
<td>1.75</td>
<td>1.28</td>
<td>0.94</td>
<td>Close to 0</td>
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*Dow Corning internal formulation