

Dow Corning[®] MG-2001 Silicone Blend

FEATURES & BENEFITS

- Quick drying time
- Cleaning agent for adhesives
- Skin protectant
- Non occlusive
- Low-odor
- Non sting

COMPOSITION

- Silicone blend of hexamethyldisiloxane (94%), octamethyltrisiloxane (5%) and dimethicone (1%)
- INCI name: Disiloxane (and) Trisiloxane (and) Dimethicone

REGULATORY SUPPORT

Dow Corning can provide the following information

- Product Regulatory Information
- Elemental Impurities

Silicone blend for topical applications

APPLICATIONS

Dow Corning[®] MG-2001 Silicone Blend offers excellent cleaning ability coupled with a quick drying time and skin protection in topical formulations. This silicone blend is used in a convenient range of dermatological consumer healthcare applications such as protective sprays and wipes.

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.

CTM ¹	Property	Unit	Result
0176 B	Appearance		Clear liquid
0004 A	Viscosity at 25°C	mm ² /s	0.67
0001 AA	Specific gravity at 25°C		0.76
0006	Flash Point (close cup)	°C	0

¹CTM: Corporate Test Method, copies of CTM's are available on request.

DESCRIPTION

Dow Corning MG-2001 Silicone Blend is a blend of hexamethyldisiloxane (94%), octamethyltrisiloxane (5%) and dimethicone NF (1%).

Dow Corning[®] Dimethicone NF meets the requirements as skin protectant for over-the-counter human drug products (FDA monograph 21 CFR, Part 347.10).

Dow Corning MG-2001 Silicone Blend is a clear, colorless, low viscosity and volatile silicone blend.

SPECIFIC TESTING

- Infrared identification on each batch
- Tested for elemental impurities according to <232> and ICH Q3D guideline for metal impurities, every 2 years.

HOW TO USE

Dow Corning MG-2001 Silicone Blend provides a base for topical spray or topical wipes.

Dow Corning MG-2001 Silicone Blend can also be used as a carrier solvent for topical sprays due to high volatility.

REGULATORY INFORMATION

Dow Corning MG-2001 Silicone Blend is produced at the Dow Corning Healthcare Industries Materials Site registered as part of Dow Corning's global quality system according to ISO 9001:2008.

Dow Corning can provide the following information:

- Product Regulatory Information
- Elemental Impurities

HANDLING

PRECAUTIONS

PRODUCT SAFETY

INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL 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.

Dow Corning MG-2001 Silicone Blend is highly flammable. Therefore, it must be stored in a flame proof, well ventilated area. Keep containers tightly closed and away from heat, sparks, open flames and other source of ignition. Take precautionary measures against static discharges (grounding, use of glassware). Handle in a well ventilated area.

USABLE LIFE AND STORAGE

Dow Corning MG-2001 Silicone Blend has a usable life of 36 months from the date of production.

Product should be stored at or below 25°C (77°F) in original unopened containers.

Keep container closed and away from heat, sparks and open flames.

PACKAGING INFORMATION

Dow Corning MG-2001 Silicone Blend is available in 170 kg drums.

Samples for *Dow Corning* MG-2001 Silicone are available in bottles.

LIMITATIONS

Those blends are specially formulated to be used in consumer healthcare application. However, should you wish to use those products in a pharmaceutical application, please contact Dow Corning to discuss such potential use.

It is the user's sole responsibility to ensure that their intended use of these materials complies with all regulatory and legal requirements applicable to such use in each relevant jurisdiction including targeted geographic regions of manufacture and supply.

Shipping: DOT classification: Flammable.

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.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

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 customer's 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.

Dow Corning's sole warranty is that our products will meet the sales specifications in effect at the time of shipment.

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.

TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, DOW CORNING SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY.

DOW CORNING DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

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