

## *Dow Corning*<sup>®</sup> MG-2107 Silicone Blend

## *Dow Corning*<sup>®</sup> MG-2110 Silicone Blend

### FEATURES & BENEFITS

- Non-tacky film
- Substantive film
- Film presence
- Quick drying time
- Good wash off resistance
- Non occlusive
- Low odor

### COMPOSITION

- Silicone blend
- *Dow Corning* MG-2107 Silicone Blend is a blend of hexamethyldisiloxane (73%), octamethyltrisiloxane (20%) and trimethylated silica (7%)
- *Dow Corning* MG-2110 Silicone Blend is a blend of hexamethyldisiloxane (70%), octamethyltrisiloxane (20%) and trimethylated silica (10%)
- INCI name of both blends: Disiloxane (and)Trisiloxane (and) Trimethylsiloxysilicate

### REGULATORY SUPPORT

*Dow Corning* can provide the following information

- Product Regulatory Information
- Elemental Impurities

Silicone blend for topical applications

### APPLICATIONS

*Dow Corning*<sup>®</sup> MG-2107 Silicone Blend and *Dow Corning*<sup>®</sup> MG-2110 Silicone Blend are specially formulated to use in spray or wipes application. Their quick drying time, good wash off resistance and good substantivity provide a film on the skin with a low tack, substantive and non occlusive properties.

### 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.

Test*	Property	Unit	Result	
			<i>Dow Corning</i> MG-2107 Silicone Blend	<i>Dow Corning</i> MG-2110 Silicone Blend
0176 B	Appearance		Clear liquid	Clear liquid
0004 A	Viscosity at 25°C	mm <sup>2</sup> /s	0.82	0.90
0001 AA	Specific gravity at 25°C		0.79	0.80
0612 C	Non volatile content	%	7	10
0006	Flash point (closed cup)	°C	-3	-3

\*CTM: Corporate Test Method, copies of CTM's are available on request

### DESCRIPTION

*Dow Corning* MG-2107 Silicone Blend is a blend of hexamethyldisiloxane (73%), octamethyltrisiloxane (20%) and trimethylated silica (7%).

*Dow Corning* MG-2110 Silicone Blend is a blend of hexamethyldisiloxane (70%), octamethyltrisiloxane (20%) and trimethylated silica (10%).

Both silicone blends are clear, colorless, low viscosity and volatile liquid.

### 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-2107 Silicone Blend and *Dow Corning* MG-2110 Silicone Blend can be used as a base for topical sprays or topical wipes. Thanks to their high volatility they can be used as a carrier solvent for topical sprays.

## REGULATORY INFORMATION

*Dow Corning* MG-2107 Silicone Blend and *Dow Corning* MG-2110 Silicone Blend are 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-2107 Silicone Blend and *Dow Corning* MG-2110 Silicone Blend are highly flammable. Therefore, they 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

When stored between 0°C and 20°C in the original unopened containers, these blends have a usable life of 24 months from the date of production.

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

## PACKAGING INFORMATION

*Dow Corning* MG-2107 Silicone Blend and *Dow Corning* MG-2110 Silicone Blend are available in 170 kg drums.

Samples are available in bottles.

## LIMITATIONS

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

It is the user's role 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](http://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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