

SilForm* FR-5 and SilForm* FR-10

Description

SilForm FR-5 and SilForm FR-10 fluids are fluoro modified silicone resins that can provide a variety of performance benefits in skin care and color cosmetics. SilForm FR-5 and SilForm FR-10 fluids form a highly flexible film on the surface of skin that typically imparts comfort along with water and oil resistance, thus extending the wear of beauty products (especially facial and color cosmetics).

Key Features and Benefits

- Highly flexible silicone film formers with long-lasting comfort
- Extended durability
- Water and oil resistance
- Can be formulated into hair care formulations to add body and flexible hold

Typical Physical Properties

	SilForm FR-10 fluid	SilForm FR-5 fluid
Appearance	Translucent clean fluid	Transparent fluid
Viscosity, Pa•s	0.4	<0.2
Solid Content, %	50	50
Refractive Index	1.406	1.406
Diluent, cSt Dimethicone	10	5

Potential Applications

- Sunscreens
- Foundations
- Cosmetics
- Skin creams
- Anti-aging products
- Hair styling agents
- Hair conditioners

- Hair treatments

Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

Contact Information

For product prices, availability, or order placement, contact our customer service at Momentive.com/CustomerService/

For literature and technical assistance, visit our website at: www.momentive.com

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