

## SF1706

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#### Description

SF1706 silicone fluid is a curable polymer that contains amine functional and dimethylpolysiloxane units. This product cures to a tough elastic film that is resistant to detergent washing, weathering and abrasion.

#### Key Features and Benefits

- Detergent resistant
- Fast cure
- Durable

#### Typical Physical Properties

Property	Value
Silicone Content, %	100
Viscosity, cstks @ 25C (77F)	10 - 50
Specific Gravity @ 25C (77F)	0.986
Flash Point, Closed Cup °C (°F)	95 (203)
Amine Equivalent (milliequivalents of base/gram)	0.48
Diluents	Soluble in most aromatic and chlorinated hydrocarbons

#### Processing Recommendations

Applications SF1706 silicone fluid is useful in many liquid and paste type auto polishes and can be formulated into either oil-in-water or water-in-oil type emulsion products. Concentrations from 1-5% in the polish are normal use levels.

#### 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**

**IMPORTANT NOTE:** NEVER USE CARBON DIOXIDE WITH SF1706 SILICONE FLUID

The warranty period is 12 months from date of shipment from Momentive Performance Materials if stored in the original unopened container at temperatures 27C (80F) or below. Material is moisture sensitive. For prolonged storage of partial drums, blanket with dry nitrogen gas.

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](http://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/](http://Momentive.com/CustomerService/)

For literature and technical assistance, visit our website at: [www.momentive.com](http://www.momentive.com)

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