

## CF1251

### CF1251

#### Description

SF1236, SF1276 and CF1251 are blends of a high molecular weight silicone polymer dispersed in a low viscosity silicone fluid. These blends provide enhanced performance in personal care products.

**SF1236** is a blend of silicone gum in a 5 centistoke polydimethylsiloxane fluid.

**SF1276** is a blend of silicone gum in a 20 centistoke polydimethylsiloxane fluid.

**CF1251** is a blend of silicone gum in a 350 centistoke polydimethylsiloxane fluid.

#### INCI NAMES

SF1236 Dimethicone

SF1276 Dimethicone

CF1251 Dimethicone

#### Key Features and Benefits

##### Hair Care

- Provides excellent wet and dry combing
- Improves softness
- Enhances shine
- Provides improved manageability and conditioning

## Skin Care

- Imparts a soft, smooth, velvety feel
- Provides excellent emolliency
- Imparts a durable film
- Improves spreadability, applicaton and rub-in Antiwhitening/Antisoaping agent

## Typical Physical Properties

Property	SF1236	SF1276	CF1251
Silicone Content, %	100	100	100
Viscosity @ 25°C, cPs	3000-5500	7500-10000	350000- 850000
Color	Clear	Clear	Clear
Specific Gravity, 25°C	0.914-0.934	0.9621	0.965-0.985
Refractive Index @25°C	1.393-1.403	1.4029	1.400-1.410

## SOLUBILITY DATA

### Key

**I = Insoluble at < 1% by weight**

**PS = Partially Soluble at 1-10% by weight**

**S = Soluble at > 10% by weight**

Solvent Type	Material	SF1236	SF1276	CF1251
Highly Polar	Water	I	I	I
Hydrocarbon & Vegetable Oils	Mineral Oil 65/75 SUS	I	I	I
	Mineral Oil 220/210 SUS	I	I	I
	Petrolatum	I	I	I
	Cottonseed (Gossypium) Oil	I	I	I
	Castor (Ricinus Communis)Oil	I	I	I
	Sunflower (Helianthus Annuus) Seed Oil	I	I	I
	Maleated Soybean Oil	I	I	I
	Wheat (Triticum Vulgare) Germ Oil	I	I	I

Alcohols & Glycols	Cetyl Alcohol	I	I	I
	Ethanol	I	I	I
	SD Alcohol 40	I	I	I
	Isopropyl Alcohol	I	I	I
	Mineral Spirits	S	S	I
	2-Ethyl-Hexanol	I	I	I
	Lauryl Alcohol	I	I	I
	Stearyl Alcohol	I	I	I
	Ethylene Glycol	I	I	I
	Propylene Glycol	I	I	I
	Glycerin	I	I	I
Esters	Isopropyl Palmitate	I	I	I
	Isopropyl Myristate	S	S	I
	Myristyl Propionate	I	I	I
	PPG-2 Myristyl Ether Propionate	I	I	I
Silicones	Dimethicone (SF96-350)	S	S	S
	Cyclopentasiloxane (SF1202)	S	S	PS
	Diisostearoyl Trimethylpropane Siloxy Silicate (SF1318)	I	I	I
	Phenyl Trimethicone (SF1550)	S	S	I
Waxes	Paraffin	I	I	I
	Ozokerite	I	I	I
	Candelilla (Euphorbia Cerifera) Wax	I	I	I
	Beeswax	I	I	I
	Carnuba (Copernicia Cerifera) Wax	I	I	I
Sunscreens	Octyl Dimethyl PABA	I	I	I
	Benzophenone-3	I	I	I
	Octyl Methoxycinnamate	I	I	I
	Octyl Salicylate	I	I	I
Pigments	D& C Orange No. 5	I	I	I
	D& C Red No. 21	I	I	I
	Iron Oxides	I	I	I
Lanolin	Lanolin	I	I	I
Other	Tocopheryl Acetate	I	I	I

## **Potential Applications**

- Protective Skin Products
- Sunscreen Products
- Facial Make-Up
- Lotion
- Color Cosmetics
- 2/1 Shampoos
- Hair Conditioners

## **Patent Status**

Standard copy to come

## **Product Safety, Handling and Storage**

The warranty period for SF1236 is 24 months from date of shipment from Momentive Performance Materials if stored in the original unopened container at 25°C (77°F). The warranty period for SF1276 and CF1251 is 12 months from date of shipment from Momentive Performance Materials if stored in the original unopened container at 25°C (77°F).

Standard copy to come

## **Limitations**

Standard copy to come

## **Contact Information**

Email

[commercial.services@momentive.com](mailto:commercial.services@momentive.com)

**Telephone**

<b>Americas</b>	<b>Latin America</b>	<b>EMEAI- Europe, Middle East, Africa &amp; India</b>	<b>ASIA PACIFIC</b>
+1 800 295 2392	<b>Brazil</b>	<b>Europe</b>	<b>China</b>
Toll free*	+55 11 4534 9650	+390510924300	800 820 0202
+704 805 6946	Direct Number	Direct number	Toll free
Direct Number			+86 21 3860 4892
			Direct number
*All American countries	<b>Mexico</b>	<b>India, Middle East &amp; Africa</b>	<b>Japan</b>
	+52 55 2169 7670	+ 91 44 71212207	+81 3 5544 3111
	Direct Number	Direct number*	Direct number
		<b>*All Middle Eastern countries, Africa, India,</b>	<b>Korea</b>
			+82 2 6201 4600

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

**DISCLAIMER:**

**THE MATERIALS, PRODUCTS AND SERVICES OF MOMENTIVE PERFORMANCE MATERIALS INC. AND ITS SUBSIDIARIES AND AFFILIATES (COLLECTIVELY “SUPPLIER”), ARE SOLD SUBJECT TO SUPPLIER’S STANDARD CONDITIONS OF SALE, WHICH ARE INCLUDED IN THE APPLICABLE DISTRIBUTOR OR OTHER SALES AGREEMENT, PRINTED ON THE BACK OF ORDER ACKNOWLEDGMENTS AND INVOICES, AND AVAILABLE UPON REQUEST. ALTHOUGH ANY INFORMATION, RECOMMENDATIONS, OR ADVICE CONTAINED HEREIN IS GIVEN IN GOOD FAITH, SUPPLIER MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, (i) THAT THE RESULTS DESCRIBED HEREIN WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (ii) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN INCORPORATING ITS PRODUCTS, MATERIALS, SERVICES, RECOMMENDATIONS OR ADVICE. EXCEPT AS PROVIDED IN SUPPLIER’S STANDARD CONDITIONS OF SALE, SUPPLIER AND ITS REPRESENTATIVES SHALL IN NO EVENT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS MATERIALS, PRODUCTS OR SERVICES DESCRIBED HEREIN. Each user bears full responsibility for making its own determination as to the suitability of Supplier’s materials, services,**

recommendations, or advice for its own particular use. Each user must identify and perform all tests and analyses necessary to assure that its finished parts incorporating Supplier's products, materials, or services will be safe and suitable for use under end-use conditions. Nothing in this or any other document, nor any oral recommendation or advice, shall be deemed to alter, vary, supersede, or waive any provision of Supplier's standard Conditions of Sale or this Disclaimer, unless any such modification is specifically agreed to in a writing signed by Supplier. No statement contained herein concerning a possible or suggested use of any material, product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Supplier covering such use or design, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.

The use of the "™" symbol designates registered or unregistered trademarks of Momentive Performance Materials Inc. or its affiliated companies. Momentive and the Momentive logo are trademarks of Momentive Performance Materials Inc.