

## Element14™ PDMS 20

INCI Name: Dimethicone

### Description

Low viscosity, linear polydimethylsiloxane polymers with typical dynamic viscosities of 20mPas(cps).

### Key Features and Typical Benefits

- High and low temperature stability
- Oxidative stability
- Low flammability
- Low surface tension
- Shear stability
- High compressibility
- Low vapor pressure
- Low odor
- Soft, smooth silky feel
- Non-oily feel
- Spreadability
- Low coefficient of friction
- Lubricious

### Typical Physical Properties

Physical state	Liquid
Appearance	Colorless
Specific gravity @ 25 °C	0.95 g/cm <sup>3</sup>
Solubility in water (20 °C)	Insoluble

Typical data are average data and actual results may vary.

Typical data shall not be used as product specifications.

### **Potential Applications**

- Heat and mechanical transfer fluid
- Hydraulic fluid
- Electrical insulating fluid
- Water repellent
- Polish ingredient
- Mold release agent
- Lubricant
- Anti-foam
- Personal care ingredient
- Textile spin finishes
- Paints and coatings additive

### **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](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.

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