

# PT SIDDHARTA MANDIRI INDONESIA

Pusat Niaga Terpadu

Jl. Daan Mogot Km. 19,6 Blok C No. 8 B

Tangerang, 15122

Tlp. 021-5451119, 54372733 Fax. 021-54372303

---

Technical Data Sheet

## **XIAMETER™ PMX-200 Silicone Fluid, 50–1,000 cSt**

INCI Name: Dimethicone

Colorless, clear polydimethylsiloxane fluid

### **Features & Benefits**

- Ease of application and rubout
  - Ease of buffing
  - Enhances color
  - High water repellency
  - High compressibility
  - High shearability without breakdown
  - High spreadability and compatibility
  - Low environmental hazard
  - Low fire hazard
  - Low reactivity and vapor pressure
  - Low surface energy
  - Good heat stability
  - Essentially odorless, tasteless and nontoxic
  - Soluble in a wide range of solvents
- For personal care applications
- Imparts soft, velvety skin feel
  - Spreads easily on both skin and hair
  - De-soaping (prevents foaming during rubout)
- For industrial applications
- High dielectric strength
  - High damping action
  - Oxidation-, chemical- and weather-resistant

### **Composition**

- Polydimethylsiloxane polymers
- Chemical composition  $(\text{CH}_3)_3\text{SiO}[\text{SiO}(\text{CH}_3)_2]_n\text{Si}(\text{CH}_3)_3$

### **Applications**

- Active ingredient in a variety of automotive, furniture, metal and specialty polishes in paste, emulsion and solvent-based polishes and aerosols
- Various applications including cosmetic ingredient, elastomer and plastics lubricant, electrical insulating fluid, foam preventive or breaker, mechanical fluid, mold release agent, surface active agent, and solvent-based finishing and fat liquoring of leather