

# SILICONE 1000

## TECHNICAL DATA SHEET | 7314

### SILICONE 1000 Viscous Insulating & Lubricating Spray

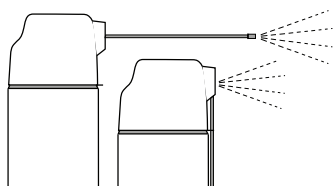
- High-quality silicone spray with electrical insulating properties
- Dielectric strength 16 kV/mm
- Wide temperature range from -50°C to +200°C
- Water repellent and moisture resistant
- Forms stable, long-lasting non-drip film



Safety Data Sheet



#### Dual Action Spray



**Chemz Silicone 1000** is a high-quality viscous silicone spray designed for electrical insulation and lubrication. It provides excellent dielectric strength (16 kV/mm) and a wide temperature range from -50°C to +200°C, making it ideal for protecting and lubricating electrical components. The low surface tension ensures deep penetration and full coverage, creating a stable, long-lasting, non-hardening film that resists dripping or falling off. Chemz Silicone 1000 is water repellent, moisture resistant, non-toxic and safe on most metals, rubber and plastics, while minimizing corrosion and maintaining reliable performance.

### CHEMZ SILICONE 1000

**CODE:** 7314

**SIZE:** 400ml

**PROPELLANT:** Hydrocarbon

**CONTAINS:** Aliphatic Hydrocarbon Solvent 10 - 30%

MPI APPROVED C22 (All animal products except dairy)

**APPLICATIONS:**

**PRECAUTIONS:** Read label before use. Keep out of reach of children. Wash hands thoroughly after handling. Gloves and eye protection are recommended. Avoid breathing spray. Use only in a well-ventilated area. Do not eat, drink or smoke when using this product.

**INDUSTRIAL & MANUFACTURING** - Insulates and lubricates switches, relays and electrical panels

**TRANSPORT & LOGISTICS** - Protects wiring, connectors, control units

**CONSTRUCTION & MINING** - Lubricates and insulates motors, sensors

**RURAL & AGRICULTURAL** - Water-proofs farm machinery electrical systems

**MARINE & FISHING** - Shields electronic equipment and relays

**DIRECTIONS:** Shake can well before use. Apply Chemz Silicone 1000 onto electrical components to insulate and lubricate, forming a long-lasting, water-repellent film that protects against moisture and corrosion.

Appearance	Clear, colourless liquid
Type of Film	Viscous glossy film
Solubility	Not soluble in water, resists washout
Specific Gravity	0.87
Viscosity, cS at 20°C	1000
Temperature Range, °C	-50 to +200
Flashpoint, °C (Residual Film)	315
Dielectric Strength, kV/mm	16
Dielectric Constant at 25°C (0.5 - 100 kHz)	2.8
Specific Resistance at 25°C, Ohm/cm	1 x 10 <sup>15</sup>
Thermal Conductivity, W/m-K	0.16
Propellant	Hydrocarbon

#### MANUFACTURED BY:

CHEMZ Limited, 80 Rangitane Road  
Whakatu, Hastings, 4180 New Zealand  
Phone: 06 877 9690

#### EMERGENCY CALL:

**0800 764 766**  
**NZ POISON CENTRE (24HR)**



[www.chemz.co.nz](http://www.chemz.co.nz)

