

# Information About *Molykote*<sup>®</sup> G-807 Low Friction Silicone Compound

**Type**

PTFE modified silicone compound

**Physical Form**

Light-consistency grease

**Special Properties**

Wide service temperature range; compatible with many plastic and rubber materials; good corrosion resistance; low friction properties

**Primary Uses**

Lubrication of metal/plastic and metal/rubber substrates in applications such as automotive ball joints, and brake caliper pins

**Useful Temperature Range**

-40° to 150°C (-40° to 302°F)

**DESCRIPTION**

*Molykote*<sup>®</sup> G-807 Low Friction Silicone Compound is a soft silicone compound containing specially formulated solid lubricants. It has excellent compatibility with plastics and rubber materials. It also has good corrosion resistance and low friction properties.

**TYPICAL APPLICATIONS**

*Molykote* G-807 Low Friction Silicone Compound is designed primarily for plastic/metal and metal/rubber lubrication in electromechanical applications such as automotive ball joints, and brake caliper pins.

**HOW TO USE**

*Molykote* G-807 Low Friction Silicone Compound can be applied using conventional grease application methods, including brush, grease gun, or automatic dispensing.

**TYPICAL PROPERTIES**

**These values are not intended for use in preparing specifications.**

Color .....	White
Penetration, unworked .....	300 to 330
Bleed, 24 hours at 150°C (302°F), maximum percent .....	0.5
Evaporation, 24 hours at 150°C (302°F), maximum percent .....	1.0
Melting Point .....	None
Specific Gravity .....	1.146

**Specification Writers: Please obtain a copy of the Dow Corning Sales Specification for this product and use it as a basis for your specifications. It may be obtained from any Dow Corning Sales Office, or from Dow Corning Customer Service in Midland, MI. Call (517) 496-6000.**

**SHIPPING LIMITATIONS**

None.

**STORAGE AND SHELF LIFE**

*Molykote* G-807 Low Friction Silicone Compound can be stored for 60 months from date of manufacture at ambient temperatures in its original, closed container.

Shelf life information is subject to change. Refer to the Sales Specification for current shelf life information.

**PACKAGING**

*Molykote* G-807 Low Friction Silicone Compound is available in 18-kg (40-lb) pails and 200-kg (440-lb) drums.

**LIMITATIONS**

Not intended for medical use.

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**SAFE HANDLING INFORMATION**  
PRODUCT SAFETY INFORMATION  
REQUIRED FOR SAFE USE IS NOT  
INCLUDED. BEFORE HANDLING,  
READ PRODUCT AND MATERIAL  
SAFETY DATA SHEETS AND CON-  
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INFORMATION. THE MATERIAL  
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