

# Product Information

## High Performance Lubricants

DOW CORNING

# Molykote<sup>®</sup> G Rapid Spray

## FEATURES & BENEFITS

- Extreme load-carrying capacity
- Wide service temperature range
- Low coefficient of friction
- Excellent ease of application

## COMPOSITION

- Mineral oil
- Molybdenum disulfide
- Synthetic isoparaffinic hydrocarbon
- LPG propellant

Molykote<sup>®</sup> G Rapid Spray is a multi-purpose molybdenum disulfide spray lubricant for component assembly

## APPLICATIONS

- Seizure prevention during machine assembly such as press or heat-fitting.
- Seizure prevention and run-in protection for motor axles, splines, and cams.
- Protects against overheating of power screws and packing seals.
- Lubrication during metal working such as thread cutting, grinding and casting.
- Pre-treatment of surfaces before grease or oil lubrication.
- Fretting corrosion prevention in the fitting area of machine parts.

## TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

Test*	Property	Unit	Value
	Color		Grayish-black
	Service temperature	°C	-35 to 400 (Solid)
	Density	g/cm <sup>3</sup>	1.70
CTM 0394A	LFW-4 press fitting coefficient of friction		0.05
JIS K 2220	Copper corrosion 100°C/24 hours		1a

\*JIS: Japanese Industrial Standard.

CTM: Corporate Test Method.

## HOW TO USE

1. Clean the metal surface to remove dirt and corrosion.
2. Before spraying, shake the aerosol can vigorously until you hear the sound of the inside mixing ball.
3. Keep the can vertical and spray 20-30 cm away from the application points so that the material forms a thin and even coating.
4. When you need to spray for a long duration of time, shake the can from time to time.
5. Leave the coating for several minutes after spraying and then begin assembly work or machine operation. No need to rub it in.
6. To avoid clogging and/or insufficient spraying at the next use, turn the can upside down, let the air go for approximately 2 seconds, wipe the

nozzle well and replace the lid.

## HANDLING PRECAUTIONS

This is classified as a flammable material under the high pressure gas control law and as a hazardous material in the 1st petroleum group of the 4th category of the fire projection law in Japan. Please be sure to avoid high temperature and fire.

Please handle this material in a place with good ventilation. Wear a gas or air mask as necessary.

This product may irritate the skin or eyes. Wear safety equipment as necessary when handling this product. In the event of contact with eyes, immediately rinse with a lot of water and seek an ophthalmologist's medical care.

In the event of contact with skin, immediately wash with soap and water. Avoid contact for a long duration.

**PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE ON THE DOW CORNING WEBSITE AT DOW CORNING.COM, OR FROM YOUR DOW CORNING SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CORNING CUSTOMER SERVICE.**

## **USABLE LIFE AND STORAGE**

When stored in a cool and dark place in the original unopened containers, this product has a usable life of 36 months from the date of production.

## **PACKAGING INFORMATION**

This product is available in different standard container sizes. Detailed container size information should be obtained from your nearest Dow Corning sales office or Dow Corning distributor.

## **LIMITATIONS**

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

## **HEALTH AND ENVIRONMENTAL INFORMATION**

To support Customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, [dowcorning.com](http://dowcorning.com) or consult your local Dow Corning representative.

## **LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY**

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

Dow Corning's sole warranty is that our products will meet the sales specifications in effect at the time of shipment.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

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**DOW CORNING DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

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