

MOLYKOTE® G Rapid Spray

Multipurpose molybdenum disulfide spray lubricant for component assembly

Features & benefits

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

Composition

- Mineral oil
- Molybdenum disulfide (MoS₂)
- Synthetic isoparaffinic hydrocarbon
- LPG propellant

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 metalworking, such as thread cutting, grinding and casting. Pretreatment of surfaces before grease or oil lubrication. Fretting corrosion prevention in the fitting area of machine parts.

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 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.

Typical properties

Specification writers: These values are not intended for use in preparing specifications. Please contact your local MOLYKOTE® sales representative prior to writing specifications on this product.

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

⁽¹⁾CTM: Corporate Test Method. JIS: Japanese Industrial Standard.

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 protection 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 SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION.

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

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

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