

# Product Information High Performance Lubricants

DOW CORNING

## MOLYKOTE® PD-910 Lubricant

### FEATURES

- Excellent lubricity for rubber and plastic parts
- Forms a very thin non-tacky film
- Stick-slip preventive
- Wide area coating with a small volume of material
- Environmentally friendly with zero ozone disruption
- No explosion-proof facility needed because the material is non-flammable

### COMPOSITION

- Non-flammable fluorinated solvent
- Perfluorinated oil
- Fluorinated resin

**MOLYKOTE PD-910 Lubricant is a liquid-type specialty lubricant containing solid lubricants and perfluorinated oil uniformly dispersed in non-flammable fluorinated solvent. After applied, it forms a thin grease-like film of translucent white appearance**

### APPLICATIONS

- Lubrication for audio-visual, precision and optical appliances.
- Lubrication of rubber parts.
- Prevention of squeaking in parts and assemblies.

### TYPICAL PROPERTIES

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

Property	Unit	Value
Appearance		Translucent white
Service temperature	°C	-65 to 150
Density at 25°C	g/cm <sup>3</sup>	1.70
Flash point	°C	None
Non-volatile content - after 6 hours 80°C	%	2.3
<b>Coefficient of friction (Light load, oscillating test)</b>		
PS vs POM		0.06
Steel vs PMO		0.06
<b>Plastic compatibility test (1/4 oval test)</b>		
POM, PS, ABS		No crack

### HOW TO USE

Clean points of contact. Dip parts or use a brush or sponge to apply the product.

### HANDLING PRECAUTIONS

This material contains solvent: be sure to have adequate ventilation. If you eat or smoke after use of this material, please always wash your hands.

This material will gradually decompose and release fluorinated gasses in a temperature over 250°C: Be sure to have adequate ventilation.

This product may irritate skin or eyes. Wear safety equipment as necessary when handling this product. In the event of contact with skin or eyes, immediately rinse thoroughly with water and seek medical care if necessary. Wash hands thoroughly after handling.

Product safety information required for safe use is not included. Before handling, read product and 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 [www.molykote.com](http://www.molykote.com).

You can also obtain a copy from your local Dow Corning sales representative or Distributor or by calling your local Dow Corning Global Connection.

## **USABLE LIFE AND STORAGE**

Store in a cool and dark place keeping away from direct sunshine.

When it is sealed and stored in cool and dark place, this product has a usable life of 36 months from the date of production.

## **PACKAGING**

This product is available in 1kg cans.

## **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, [www.dowcorning.com](http://www.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 customers' tests to ensure that Dow Corning's 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 the product will meet the Dow Corning 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.

## **DOW CORNING SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY.**

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

## **Website Guide**

For more information on our company and how to contact us, visit our website, [www.molykote.com](http://www.molykote.com)

## **NOTICE**

MOLYKOTE PD-910 is a product listed in the Export Trade Control Order in Japan.

*We help you invent the future.™*