

Product Information

High Performance

Lubricants

FEATURES

- ◆ Heat-curing dry coating
- ◆ Low coefficient of friction
- ◆ Excellent heat durability, high load carrying capacity, oil durability, and corrosion protection
- ◆ Possible to spray coat

COMPOSITION

- ◆ Polyamid resin
- ◆ Molybdenum Disulphide
- ◆ Fluoro resin
- ◆ N-methyl-2-pyrrolidone
- ◆ Xylene

MOKYKOTE® PA-722

Anti-Friction Coating

Lubrication coating with solid lubricants such as molybdenum disulphide dispersed in organic resin solvents

APPLICATIONS

- Lubrication of automotive parts such as reciprocal pistons and gaskets
- Lubrication of electromechanical parts such as gears, splines, slide guides, and screws

TYPICAL PROPERTIES

Specifications 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.

Standard*	Test	Unit	Value
	Before curing		
	Color of the liquid		Grey-black
	Physical properties		
	Viscosity 25°C	mPa · s	100
	Density at 25°C	g/cm ³	1.03
	Flash point	°C	32
	Temperature		
	Curing conditions	minutes/°C	90/180
		minutes/°C	60/230
	After curing		
	Service temperature range	°C	-75~300
	Pencil Hardness		Over 3H *1
	Adhesion (Cross cut adhesion test)		No peel-off

*1. SPCC steel plate, alkaline degreasing, 5~10 μm coating, 90-minute burnishing in 180°C

How to apply

This material can be coated by spraying, tumbling or brushing. Solids precipitate readily and therefore stir thoroughly when you apply.

Thinning can be carried out using N-methyl-2 pyrrolidone.

USABLE LIFE & STORAGE

12 months when kept unopened

in a dark, cool place. Seal and keep in a cool place.

HANDLING PRECAUTIONS

This material will gradually decompose and release fluorinated gasses in a temperature over 250°C: Be sure to store in a place under 30 °C and to have adequate ventilation.

- 1) PA-722 is flammable and therefore do not use near sparks or open flame.

- 2) Be sure to have good ventilation during application. Do not inhale the vapor of the product for a long period of time. When a large volume of the product is used, be sure to have local ventilation.
- 3) Do not leave the product on skin for a long period of time. When the product is on your skin, please be sure to clean with soap.
- 4) Wear protection glasses so that you do not get it in your eyes. If it gets in your eyes, clean off with a lot of water and see your doctor for treatment.

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 SAFETY DATA SHEET IS AVAILABLE FROM YOUR LOCAL DOW CORNING SALES REPRESENTATIVE.

PACKAGING

4-kg can

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.molykote.com or consult your local Dow Corning representative.

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