

MOLYKOTE® U Paste

FEATURES

- Excellent load-carrying capacity
- Wide service temperature range
- Compatible with most natural rubbers and almost all kinds of synthetic rubber
- Limited influence on plastic axles, metals and laminated parts
- With complete volatilization of polyalkylene glycol at high temperatures, molybdenum disulfide solid lubricant film is formed

COMPOSITION

- Molybdenum disulfide micro particles
- Polyalkylene glycol
- Lithium soap

MOLYKOTE U Paste is a solid lubricant paste for high temperature applications. It contains polyalkylene glycol base oil, high-quality molybdenum disulfide (over 60%) and is thickened with lithium soap

APPLICATIONS

- O-ring lubrication.
- Friction reduction and prevention of seizing and galling.
- Lubrication and scoring-prevention of packings and shafts of compressors and pumps-extension of packing life.
- Overheating and seizure prevention, reduction of friction and wear of assemblies at high temperatures.

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.

ASTM*	Property	Unit	Value
	Appearance		Grayish-black
	Density	g/cm ³	1.92
JIS K-2220	Penetration, worked 60 strokes		280-340
	NLGI class		1 to 2
	Service temperature	°C (°F)	-40 to 180 (-40 to 356) solid:400
JIS K 2220	Bleed 100°C (212°F)/24 hours	%	0.82
JIS K 2220	Evaporation 99°C (210°F)/22 hours	%	1.33
	LFW-4 press fitting coefficient of friction		0.10
ASTM D2266	Four ball wear scar (1200rpm, 392N, 1 hour)	mm	0.72

* JIS: Japanese Industrial Standard.

ASTM: American Society for Testing and Materials.

HOW TO USE

- Burnishing - rub on with a cloth or deerskin.
- Paint with brush - a thin, stiff brush is recommended. If the solids and oil have separated in storage, stir well before use.

HANDLING PRECAUTIONS

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.

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.dowcorning.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

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
500 g pail (X 10/case)
2 kg pail (X 4/case)
6 kg pail.

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 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.

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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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