

Product Information

Specialty Lubricants

DOW CORNING

Molykote[®] D Paste

FEATURES & BENEFITS

- High load-carrying capacity
- Prevents stick-slip and seizure
- Good corrosion protection
- Excellent protection against galling and fretting corrosion
- Cleanness

COMPOSITION

- Thickener
- Mineral oil
- Solid lubricants

Light-colored, solid lubricant paste for assembly and running-in of metallic components

APPLICATIONS

- Sliding surfaces and friction contacts exposed to heavy loads, requiring "clean" lubrication, particularly at low speeds, and as a running-in lubricant.
- Suitable for use on many friction contacts; electrical and domestic appliances, packaging and office machinery, precision instruments, machinery in foodstuffs and beverages industry, as well as in textile and plastics processing machinery.

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	Result
	Color		Off White
	Penetration, density		
ISO 2137	Unworked penetration	mm/10	250 - 280
ISO 2811	Density at 20°C (68°F)	g/ml	1.2
	Temperature		
	Service temperature range	°C	-25 to +250
		°F	-13 to +482
	Load-carrying capacity, wear protection, service life		
	Four-ball tester (VKA)		
DIN 51 350 pt.4	Weld load	N	2600
DIN 51 350 pt.5	Wear scar under 800N load	mm	1.08
	Almen-Wieland machine		
	OK load	N	20000
	Coefficient of friction		
	Press-Fit test $\mu =$		0.10, no chatter
	Resistance		
DIN 51 807 pt.1	Water resistance, static, evaluation		1-90
	Corrosion protection		
DIN 51 802	SKF Emcor method		
	Degree of corrosion		0
Deyber	Fretting Corrosion	cycles	36x10 ⁶

*ISO: International Standardization Organization.

DIN: Deutsche Industrie Norm.

DESCRIPTION

Molykote[®] D Paste is an off-white solid, lubricant-based paste with the consistency of an NLGI 2-3 grease, made of a combination of white solid lubricants and mineral oil.

HOW TO USE

How to apply

The sliding surfaces or contact points should be cleaned. The paste should then be applied with a brush, rag, artificial sponge or chamois leather, or be sprayed on with a spray can. It should not be used to excess like

grease lubrication. Do not mix with greases or oils

HANDLING PRECAUTIONS

Avoid contact with the eyes. Spray cans: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C (122°F). Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children. Without adequate ventilation formation of explosive mixtures may be possible. Extremely flammable. Do not breathe spray. Avoid contact with skin and eyes. Use only in well ventilated areas.

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 at or below 20°C (68°F) in the original unopened containers, *Molykote* D Paste has a usable life of 60 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 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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