

## MOLYKOTE® D 708 ANTI-FRICTION COATING

### Heat-curing dry lubricant

#### FEATURES

- ◆ Outstanding corrosion protection
- ◆ Good aesthetics

#### COMPOSITION

- ◆ Solid lubricants
- ◆ Organic binder
- ◆ Solvent

#### APPLICATIONS

- ◆ For plastic/metal and metal/metal combinations for low to medium loads.
- ◆ Used on parts for door and locking mechanisms, safety belts, springs, hinges, pins, washers.
- ◆ Suitable for office machines and precision mechanics.

#### TYPICAL PROPERTIES

Specifications writers: These values are not intended for use in preparing specifications. Please contact Dow Corning GmbH, Wiesbaden, Germany before writing specifications on this product.

Standard*	Test	Units	Result
	Colour		
	<b>Physical properties</b>		
DIN 53211/4	Viscosity at 20°C (DIN4 cup)	s	12
DIN 53217/2	Density at 20°C	g/ml	0.95
CTM 0242 I	Nonvolatile content	%	28
	Storage life	months	6
	<b>Temperature</b>		
	Drying time at 20°C	min	10
	Curing time	min/°C	20/200
	Service temperature range	°C	-180 to +240
	<b>Corrosion protection</b>		
DIN 50 021	Salt spray test	h	120
	<b>Load-carrying capacity, wear protection, service life</b>		
ASTM-D2625	Falex load-carrying capacity <sup>1</sup>	N	s=2250
ASTM-D2714	LFW-1, rotating F=2860 N, n=72 rpm, v=7.9 m/min, no. of revolutions to $\mu=0.1$		On request
	LFW-1, oscillating, F=900 N, frequency=89.5 osc./min, no. of oscillations to $\mu=0.08$		On request
	Fretting corrosion - Deyber tester		1x10 <sup>6</sup>

1. Surface pretreatment: s = sand blasted.

\* CTM: Corporate Test Method, copies of CTMs are available on request.

ASTM: American Society for Testing and Materials.

DIN: Deutsche Industrie Norm

#### HOW TO USE

##### Surface preparation

First clean and degrease the surface which will be coated with MOLYKOTE D 708 Anti-Friction

Coating. Phosphatization or sandblasting (180 grid) increases the adhesion and service life.

## How to apply

Stir the Anti-friction Coating thoroughly before applying by spraying, dipping, centrifuging or brushing. Recommended dry film thickness: 5 to 20µm.

## Curing

20 minutes at 200°C  
(object temperature).

## Solubility

Thinning can be carried out using MOLYKOTE® L13 Thinner.

## HANDLING PRECAUTIONS

A Product Safety Data Sheet should be obtained from your nearest Dow Corning sales office prior to use.

ATTENTION: Before handling, read product information, Product Safety Data Sheets and container labels for safe use, and any physical and/or health hazard information.

## USABLE LIFE AND STORAGE

When stored at or below 20°C in the original unopened containers this product has a usable life of 6 months from the date of production.

Dow Corning will guarantee the usable life of this product until the date indicated on the packaging. This date is shown by the letters "EXP" (meaning Expiry) followed by 4 digits, which stand for the month (last day) and year. Example: "EXP 03/99" means use by 31 March 1999.

## 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

Dow Corning's Health, Environment and Regulatory Affairs (HERA) Department is available to support customers for their product safety needs. For further information, you can contact this group at:

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