



**Specialty  
Lubricants**

**MOLYKOTE® HTP  
Solid lubricating paste**

**FEATURES**

- High temperature resistance (up to 1150°C)
- Reduces friction and wear
- Reduces scoring
- Increases service life of tools

**COMPOSITION**

- Mineral oil
- Thickener
- Solid lubricant

**Solid lubricating paste for hot forming of metals**

**APPLICATIONS**

- Suitable for the lubrication of tools for hot forming, particularly on hot-flow presses and drop forging, also as a parting agent and slip additive at high temperatures.
- Used successfully for the hot bending of flat steel St 37 or St 70, the rolling of the ends of vehicle leaf-springs, folding of sheet metal edges, hot rolling of cutters, and drop forging of flywheels made from St 37, as well as for the lubrication of separator plates on chipboard presses.

**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	Result
	Color		White
	<b>Penetration, density, viscosity</b>		
ISO 2137	Unworked penetration	mm/10	250-280
ISO 2811	Density at 20°C	g/ml	1.5
	<b>Temperature</b>		
	Service temperature <sup>1</sup>	°C	-20 to +1150
	<b>Load-carrying capacity, wear protection, service life</b>		
	Four-ball tester (VKA)		
DIN 51 350 pt.4	Weld load	N	2200
DIN 51 350 pt.5	Wear scar under 800N load	mm	1.0
	Almen-Wieland machine		
	OK load	N	20000
	Friction force	N	2300

1. Temperature resistance of solid lubricants.  
 \* ISO: International Standardisation Organisation  
 DIN: Deutsche Industrie Norm

**HOW TO USE**

**How to apply**

Apply MOLYKOTE HTP Solid Lubricating Paste with a suitable brush or a rag, thinly and uniformly to the cleaned workpiece or tool. Application should be repeated from time to time, as required

**HANDLING PRECAUTIONS**

**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.

## **USABLE LIFE AND STORAGE**

When stored at or below 20°C in the original unopened containers, this product has a usable life of 60 months from the date of production.

## **PACKAGING**

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 Health, Environment and Regulatory Affairs specialists available in each area.

For further information, please consult your local Dow Corning representative.

## **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 Dow Corning's products are safe, effective, and fully satisfactory for the intended end use. 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. Unless Dow Corning provides you with a specific, duly signed endorsement of fitness for use, Dow Corning disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.

# Your Global Connection

At home or abroad - wherever your business takes you - you'll find the product supply, customer service and technical support you need to succeed available locally from Dow Corning. Whether you face a challenge that could benefit from Dow Corning's international experience, or you need a reliable, local source of supply for innovative solutions, just pick up the phone and call us. To consult Dow Corning web site, type: [www.dowcorning.com](http://www.dowcorning.com)

## DOW CORNING AMERICAS

### North America

Dow Corning Corporation  
Tel.: +1 517 496 6000  
Fax: +1 517 496 8026  
Toll free from USA:  
1 800 248 2481

### Canada

Dow Corning Canada, Inc.  
Tel.: +1 905 826 9600  
Fax: +1 905 858 6005  
Toll free from Canada:  
1 800 248 2481

### Mexico

Dow Corning de Mexico  
Tel.: +525 327 1300  
Fax: +525 327 1327

### South America

Dow Corning do Brasil Ltda.  
Tel.: +55 11 3759 4300  
Fax: +55 11 3758 5727  
Toll free from  
Colombia: 9809 12 0276  
Venezuela: 880 12112

### Argentina

Dow Corning de Argentina  
S.A.I.C.  
Tel.: +54 11 4814 9600  
Fax: +54 11 4816 6119

## DOW CORNING ASIA

### Australia & New Zealand

Dow Corning Australia Pty Ltd.  
Tel.: +61 1300 360 732  
Fax: +61 1300 650 785

### China (Chengdu)

Dow Corning China Ltd.  
Tel.: +86 28 661 9678  
Fax: +86 28 661 6756

### China (Shanghai)

Dow Corning China Ltd.  
Tel.: +86 21 6249 2316  
Fax: +86 21 6249 2317

### Indonesia, Singapore, Malaysia & Philippines

Dow Corning Singapore Pte Ltd.  
Tel.: +65 253 6611  
Fax: +65 253 6070

### Japan

Dow Corning Toray Silicone  
Co Ltd.  
Tel.: +81 3 3287 1011  
Fax: +81 3 3287 1201

### Taiwan (Chungli)

Dow Corning Taiwan Inc.  
Tel.: +886 3 462 0534  
Fax: +886 3 462 0552

### Thailand

Dow Corning (Thailand) Ltd.  
Tel.: +66 2 634 7078 to 7088  
Fax: +66 2 634 7077

### China (Beijing)

Dow Corning China Ltd.  
Tel.: +86 10 6500 3051  
Fax: +86 10 6504 5652

### China (Hong Kong)

Dow Corning Asia  
Tel.: +852 2835 0350  
Fax: +852 2836 6650

### India

Dow Corning India Ltd.  
Tel.: +91 22 444 3820  
Fax: +91 22 444 3485

### Japan

Dow Corning Asia Ltd.  
Tel.: +81 3 3287 1141  
Fax: +81 3 3287 1088

### Korea

Dow Corning Korea Ltd.  
Tel.: +82 2 551 7600  
Fax: +82 2 551 6800

### Taiwan (Taipei)

Dow Corning Taiwan Inc.  
Tel.: +886 2 2713 6936  
Fax: +886 2 2717 2209

## DOW CORNING EUROPE

### Germany, Austria, Switzerland & Eastern Europe

Dow Corning GmbH  
GERMANY  
Tel.: +49 (0)611 - 23 70  
Fax: +49 (0)611 - 237 610  
E-mail: [katja.bechstein@dowcorning.com](mailto:katja.bechstein@dowcorning.com)

### France & North Africa

Dow Corning France S.A.  
Tel.: +33 (0)4 72 84 13 60  
Fax: +33 (0)4 72 84 13 79

### Italy & Eastern Mediterranean Countries

Dow Corning S.p.A.  
ITALY  
Tel.: +39 039 - 60 711  
Fax: +39 039 - 68 996 60

### Poland

Dow Corning Polska Sp. zo.o.  
Tel.: +48 (0)22 645 14 46  
Fax: +48 (0)22 645 14 40

### United Kingdom, Eire, Nordic Countries, Benelux, South Africa & Middle East

Dow Corning Ltd.  
UNITED KINGDOM  
Tel.: +44 (0)1 676 52 80 00  
Fax: +44 (0)1 676 52 80 01

### Spain & Portugal

Dow Corning Ibérica S.A.  
SPAIN  
Tel.: +34 93 36 36 900  
Fax: +34 93 36 36 901