**MATL NAME:** MOLYKOTE(R) D PASTE  
**MANUFACTURER’S NAME:** DOW CORNING CORP.  
**ADDRESS:** SOUTH SAGINAW ROAD, MIDLAND MI 48686

**EMERGENCY TELEPHONE NO.** (517) 496-5900

**MANUFACTURER’S PRODUCT INFORMATION NO.** (517) 496-6000

**SECTION I - GENERAL INFORMATION**

PROPER SHIPPING NAME (49 CFR 172.101): NONE  
D.O.T. HAZARD NAME (49 CFR 172.101): NONE  
D.O.T. ID NO (49 CFR 172.101): NONE  
D.O.T. HAZARD CLASS (49 CFR 172.101): NONE  
RCRA HAZARD CLASS (40 CFR 261) (IF DISCARDED): NONE  
E.P.A. PRIORITY POLLUTANTS (40 CFR 122.53): NONE  
NFPA = NATIONAL FIRE PROTECTION ASSOCIATION - 704  
HEALTH (NFPA): 2  
FLAMMABILITY (NFPA): 1  
REACTIVITY (NFPA): 0

**CAS NO.**  
MIXTURE DOW CORNING WARNING CODE: NOT USED

**GENERIC DESCRIPTION:** ORGANIC GREASE

**SECTION II - HAZARDOUS INGREDIENTS AS DEFINED IN 29 CFR 1910.1200**  
(CARCINOGENS IDENTIFIED WITH AN ASTERISK *)

<table>
<thead>
<tr>
<th>CAS NO.</th>
<th>INGREDIENT</th>
<th>WT. %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
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<tr>
<td>008042475</td>
<td>MINERAL OIL</td>
<td>38</td>
<td>TWA 5 MG/M3</td>
<td>TWA 5 MG/M3, STEL 10 MG/M3</td>
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<td>001305620</td>
<td>CALCIUM HYDROXIDE</td>
<td>46</td>
<td>OSHA PEL AND ACGIH TLV: TWA 5 MG/M3</td>
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<tr>
<td>007758874</td>
<td>CALCIUM PHOSPHATE</td>
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<tr>
<td>007620771</td>
<td>12-HYDROXY-LITHIUM</td>
<td>2</td>
<td>ACGIH TLV (STEARATES): TWA 5 MG/M3</td>
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<tr>
<td>068649478</td>
<td>SYNTHETIC WAX</td>
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<td>NOT ESTABLISHED</td>
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<tr>
<td>066161522</td>
<td>DOCOSANOIC ACID, 9- OCTADODECENYL ESTER</td>
<td>1</td>
<td>NOT ESTABLISHED</td>
<td></td>
</tr>
</tbody>
</table>
DOW CORNING CORPORATION
MATERIAL SAFETY DATA SHEET

MATL NAME: MOLYKOTE(R) D PASTE

SECTION III - EFFECTS OF OVEREXPOSURE

EYE: DIRECT CONTACT IRRITATES SLIGHTLY WITH REDNESS AND SWELLING.

SKIN: A SINGLE RELATIVELY SHORT EXPOSURE CAUSES NO KNOWN ADVERSE EFFECT.
   SEVERAL REPEATED PROLONGED EXPOSURES (24 TO 48 HOURS) MAY IRRITATE.

INHALATION: IRRITATES RESPIRATORY PASSAGES AND EYES VERY SLIGHTLY.

ORAL: SMALL AMOUNTS TRANSFERRED TO THE MOUTH BY FINGERS DURING USE, ETC.,
   SHOULD NOT INJURE. SWALLOWING LARGE AMOUNTS MAY INJURE SLIGHTLY.

COMMENT: THIS PRODUCT, AS WITH ANY CHEMICAL, MAY ENHANCE ALLERGIC CONDITIONS
   ON CERTAIN PEOPLE. WE DO NOT KNOW OF ANY MEDICAL CONDITIONS THAT MIGHT BE
   AGGRAVATED BY EXPOSURE TO THIS PRODUCT.
   NO KNOWN ADVERSE CHRONIC HEALTH EFFECTS, BUT UNNECESSARY EXPOSURE TO ANY
   CHEMICAL SHOULD BE AVOIDED.

SECTION IV - EMERGENCY AND FIRST AID PROCEDURES

EYES: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES.

SKIN: WIPE OFF AND WASH thorOUGHLY WITH NON-ABRASIVE, WATERLESS SKIN CLEANER.

INHALATION: NO FIRST AID SHOULD BE NEEDED.

ORAL: GET MEDICAL ATTENTION.

COMMENT: NONE.

SECTION V - FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED): OPEN CUP ABOVE 356°F/180°C
AUTOIGNITION: NOT DETERMINED.
FLAMMABILITY LIMITS IN AIR :
   LOWER: N.A.       UPPER: N.A.

EXTINGUISHING MEDIA: WATER WATER FOG X CO2 X DRY CHEMICAL X FOAM X OTHER

SPECIAL FIRE FIGHTING PROCEDURES: SELF-CONTAINED BREATHING APPARATUS AND
   PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING FIRES INVOLVING CHEMICALS

UNUSUAL FIRE AND EXPLOSION HAZARDS: HAZARDOUS PHOSPHOROUS COMPOUNDS FORM.

COMMENTS: N.A. - NOT APPLICABLE.

SECTION VI - PHYSICAL DATA

BOILING POINT(0 760 MM Hg): NOT APPLICABLE
SPECIFIC GRAVITY (AT 77 DEG F/25 DEG C): 1.27
MELTING POINT: NOT DETERMINED.
VAPOR PRESSURE (AT 77 DEG F/25 DEG C): LESS THAN 5 MM
VAPOR DENSITY (AIR = 1 AT 77 DEG F/25 DEG C): NOT APPLICABLE
PERCENT VOLATILE BY WEIGHT (%): LESS THAN 5
EVAPORATION RATE (ETHER = 1): NOT APPLICABLE
SOLUBILITY IN WATER(%): LESS THAN 0.1
ODOR, APPEARANCE, COLOR: VERY LITTLE ODOR, GREASE, WHITE.

NOTE: THE ABOVE INFORMATION IS NOT INTENDED FOR USE IN PREPARING PRODUCT
SPECIFICATIONS. CONTACT DOW CORNING BEFORE WRITING SPECIFICATIONS
MATERIAL NAME: MOLYKOTE(R) D PASTE

SECTION VII - REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY (MATERIAL TO AVOID): OXIDIZING MATERIAL CAN CAUSE A REACTION.

CONDITIONS TO AVOID: NONE

HAZARDOUS DECOMPOSITION PRODUCTS: METAL OXIDES, PHOSPHOROUS COMPOUNDS, CARBON DIOXIDE, AND TRACES OF INCOMPLETELY BURNED CARBON PRODUCTS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: NOT APPLICABLE

COMMENTS: NONE.

SECTION VIII - SPILL, LEAK, MAINTENANCE/REPAIR AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: REMOVE PRODUCT AND USE ABSORBENT MATERIAL TO TAKE CARE OF ANY OIL-LIKE RESIDUES.

PROTECTIVE EQUIPMENT:
EYES: USE PROPER PROTECTION -- SAFETY GLASSES, AS A MINIMUM.
SKIN: WASHING AT MEALTIME AND END OF SHIFT IS ADEQUATE.
INHALATION: NO RESPIRATORY PROTECTION SHOULD BE NEEDED.

WASTE DISPOSAL METHOD: DOW CORNING SUGGESTS THAT ALL LOCAL, STATE AND FEDERAL REGULATIONS CONCERNING HEALTH AND POLLUTION BE REVIEWED TO DETERMINE APPROVED DISPOSAL PRODUCE. CONTACT DOW CORNING IF THERE ARE ANY DISPOSAL QUESTIONS.

D.O.T. (49CFR 171.8)/E.P.A. (40CFR 117) SPILL REPORTING INFORMATION
HAZARDOUS SUBSTANCE: NONE REPORTABLE QUANTITY: NOT APPLICABLE
CONCENTRATION OF HAZARDOUS SUBSTANCE: NOT APPLICABLE
REPORTABLE QUANTITY OF PRODUCT: NOT APPLICABLE

COMMENTS: PRODUCT CONTAINS NO INGREDIENT SUBJECT TO D.O.T OR E.P.A. CERCLA/SARA ENVIRONMENTAL RELEASE REPORTING REGULATIONS. SEE SEC. XI FOR ADDITIONAL SARA COMPLIANCE INFORMATION.

SECTION IX - ROUTINE HANDLING PRECAUTIONS

PROTECTIVE EQUIPMENT:
EYES: USE PROPER PROTECTION -- SAFETY GLASSES, AS A MINIMUM.
SKIN : WASHING AT MEALTIME AND END OF SHIFT IS ADEQUATE.
INHALATION: NO RESPIRATORY PROTECTION SHOULD BE NEEDED.

VENTILATION:
LOCAL EXHAUST: NONE SHOULD BE NEEDED.
MECHANICAL (GENERAL): RECOMMENDED

SUITABLE RESPIRATOR: NONE SHOULD BE NEEDED.

THESE PRECAUTIONS ARE FOR ROOM TEMPERATURE HANDLING, USE AT ELEVATED TEMPERATURES, OR AEROSOL SPRAY APPLICATIONS, MAY REQUIRE ADDED PRECAUTIONS.
* GOOD PRACTICE REQUIRES THAT GROSS AMOUNT OF ANY CHEMICAL BE REMOVED FROM THE SKIN AS SOON AS PRACTICAL, ESPECIALLY BEFORE EATING OR SMOKING.
COMMENTS: AVOID EYE AND SKIN CONTACT.

SECTION X - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: USE REASONABLE CARE AND CAUTION.

OTHER PRECAUTIONS: NONE
COMMENTS: NONE.
DOW CORNING CORPORATION
MATERIAL SAFETY DATA SHEET

MATL NAME: MOLYKOTE(R) D PASTE

SECTION XI - COMMENTS

ADDITIONAL SARA REGULATORY COMPLIANCE INFORMATION
SEC. 312 HAZARD CLASS: IMMEDIATE.
SEC. 313 NOTIFICATION: NOT APPLICABLE - EITHER NONE PRESENT OR NONE PRESENT
IN REGULATED QUANTITIES.

SECTION XII - COMMENTS

SUPPLEMENTAL STATE COMPLIANCE INFORMATION

PENNSYLVANIA: 46% 01305620 CALCIUM HYDROXIDE
07758874 CALCIUM PHOSPHATE
08042475 MINERAL OIL

MASSACHUSETTS: 46% 01305620 CALCIUM HYDROXIDE

NEW JERSEY: 46% 01305620 CALCIUM HYDROXIDE
PREVAILING COMPONENTS SAME AS PENNSYLVANIA ABOVE PLUS:
0762071 12-HYDROXY-LITHIUM STEARATE
66161522 DOCOSANOIC ACID-9 OCTADECYL ESTER
68649478 SYNTHETIC WAX

 THESE DATA ARE OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT
SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE
RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE
GENERAL Y APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS
IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE
APPROPRIATE.

PREPARED BY: JACK L. SHENEBERGER
LAST REVISION DATE: DECEMBER 20, 1990
PREVIOUS REVISION DATE: MAY 29, 1990
DATE: MARCH 16, 1992
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