DOW CORNING CORPORATION  
MATERIAL SAFETY DATA SHEET

MATERIAL NAME: POLY(OLEFIN) OK-PASTE  
EMERGENCY TELEPHONE NO. (517) 496-5900

SECTION I - GENERAL INFORMATION

MANUFACTURER'S NAME: DOW CORNING CORP.  PRODUCT INFORMATION NO. (517) 496-6000  
ADDRESS: SOUTH SAGINAW ROAD, MIDLAND MI  48646

PROPER SHIPPING NAME(49CFR 172.101): NONE  
D.O.T. HAZARD NAME(49CFR 172.101): NONE  
D.O.T. ID NO(49CFR 172.101): NONE  
D.O.T. HAZARD CLASS(49CFR 172.101): NONE  
RCSA HAZARD CLASS(49CFR 261)(IF DISCARDED): NONE  
E.P.A. PRIORITY POLLUTANTS(40CFR 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</th>
<th>INGREDIENT</th>
<th>WT.%</th>
<th>EXPOSURE LIMITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>000042475</td>
<td>MINERAL OIL</td>
<td>50</td>
<td>OBSERVE OIL MIST LIMITS. OSHA PEL AND ACGIH TLV: TWA 5 MG/M3.</td>
</tr>
<tr>
<td>007738874</td>
<td>CALCIUM PHOSPHATE</td>
<td>27</td>
<td>OBSERVE PARTICULATES LIMITS. OSHA PEL: TWA 15 MG/M3. TOTAL DUST. 5 MG/M3 RESP. FRACTION. ACGIH TLV: TWA 10 MG/M3.</td>
</tr>
<tr>
<td>007620771</td>
<td>12-HYDROXY-LITHIUM STEARATE</td>
<td>5</td>
<td>OBSERVE OSHA PARTICULATES LIMITS ABOVE. ACGIH TLV, STEARATES: TWA 10 MG/M3.</td>
</tr>
<tr>
<td>061791335</td>
<td>TALLOW ALKYL</td>
<td>3</td>
<td>NOT ESTABLISHED.</td>
</tr>
<tr>
<td>009002840</td>
<td>TRIETHYLENEDIAMINE OLEATE</td>
<td>3</td>
<td>ACGIH TLV FOR DECOMPOSITION PRODUCTS: TWA 1 MG/M3. OSHA PEL NOT ESTABLISHED.</td>
</tr>
<tr>
<td>00314122</td>
<td>ZINC OXIDE</td>
<td>2</td>
<td>OSHA PEL: TWA 10 MG/M3 TOTAL DUST. 5 MG/M3 RESP. FRACTION. ACGIH TLV: TWA 10 MG/M3 TOTAL DUST.</td>
</tr>
<tr>
<td>005772830</td>
<td>CALCIUM STEARATE</td>
<td>2</td>
<td>OBSERVE SAME LIMITS AS 12-HYDROXY-LITHIUM STEARATE ABOVE.</td>
</tr>
</tbody>
</table>
MATERIAL NAME: POLYKOTE® OK PASTE

SECTION III - EFFECTS OF OVEREXPOSURE

EYES: DIRECT CONTACT MAY BURN EYES, IRRITATE SEVERELY, OR PERMANENTLY INJURE DEPENDING ON EXPOSURE.

SKIN: A SINGLE SHORT EXPOSURE (LESS THAN 24 HOURS) MAY IRRITATE. REPEATED PROLONGED CONTACT (24 TO 48 HOURS) IRRITATES SERIOUSLY, MAY BURN MILDLY.

INHALATION: VAPORS MAY IRRITATE NOSE AND THROAT. ALSO SEE COMMENT.

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

SECTION III - EFFECTS OF EXPOSURE (CONTINUED)

COMMENT: OVEREXPOSURE TO LITHIUM COMPOUNDS MAY INJURE KIDNEYS. POLYETRAFLUOROETHYLENE'S DECOMPOSITION PRODUCTS UPON HEATING AT TEMPERATURES ABOVE 392°F/200°C ARE HIGHLY TOXIC AND HAVE CAUSED "POLYMER FUME FEVER" AND EVEN DEATH FROM INHALING VAPORS, WHICH ALSO MAY CAUSE FLU-LIKE SYMPTOMS THAT DISAPPEAR WITHIN 36-48 HOURS AFTER EXPOSURE.

SECTION IV - EMERGENCY AND FIRST AID PROCEDURES

EYES: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

SKIN: WIPE OFF AND WASH THOROUGHLY WITH NON-ABRASIVE, WATERLESS SKIN CLEANER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS.

INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF ILL EFFECTS PERSIST.

ORAL: GET MEDICAL ATTENTION.

COMMENT: NONE.
MATERIAL NAME: HOFYKOTE® DX PASTE

SECTION V - FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED): NOT APPLICABLE
AUTOIGNITION: NOT DETERMINED.
FLAMMABILITY LIMITS IN AIR: LOWER: N.A., UPPER: N.A.

EXTINGUISHING MEDIA: WATER, WATER FOG, CO2, DRY CHEMICAL, FOAM, 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: SEE COMMENT

COMMENTS: (UNUSUAL HAZARDS) TOXIC FLUORINE COMPOUNDS AND HAZARDOUS NITROGEN OXIDES AND PHOSPHOROUS COMPOUNDS FORM. EVACUATE AREA IN CASE OF OVERHEATING OR FIRE. N.A. = NOT APPLICABLE.

SECTION VI - PHYSICAL DATA

BOILING POINT (AT 760 MM HG): NOT APPLICABLE
SPECIFIC GRAVITY (AT 77 DEG F/25 DEG C): 1.14
MELTING POINT: NOT APPLICABLE
VAPOR PRESSURE (AT 77 DEG F/25 DEG C): NOT APPLICABLE
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.
SECTION VII - REACTIVITY DATA

STABILITY: STABLE

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

CONDITIONS TO AVOID: DECOMPOSITION TEMPERATURES ABOVE 392°F/200°C - TOXIC FUMES EVOLVE.

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

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: NOT APPLICABLE

COMMENTS: NONE.
MATERIAL NAME: KOLYKOTE(R) DX PASTE

SECTION XII - COMMENTS

SUPPLEMENTAL STATE COMPLIANCE INFORMATION - CAS NO. & COMPONENT NAME

PENNSYLVANIA: 2% 001314132 ZINC OXIDE
3% 009002840 POLYETRAFLUOROETHYLENE
007620771 12-HYDROXY-LITHIUM STEARATE
007758874 CALCIUM PHOSPHATE
00862479 MINERAL OIL
061971305 TALLOW ALKYL TRIETHYLENEDIAMINE OLEATE

MASSACHUSETTS: 2% 001314132 ZINC OXIDE

NEW JERSEY: 2% 001314132 ZINC OXIDE; $2037

PREVAILING COMPONENTS SAME AS PENNSYLVANIA ABOVE.

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 GENERALLY 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: JANUARY 18, 1991
PREVIOUS REVISION DATE: NONE
DATE: FEBRUARY 10, 1992

(R) INDICATES REGISTERED OR TRADEMARK OF THE DOW CORNING CORPORATION.
DOW CORNING CORPORATION
MATERIAL SAFETY DATA SHEET

MATERIAL NAME: MOLYKOTE® G PASTE

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 FULL FACE RESPIRATOR.

SKIN: WASHING AT HEALTIME AND END OF SHIFT IS ADEQUATE. REMOVE CONTAMINATED CLOTHING AND SHOES AS SOON AS PRACTICAL AND CLEAN THOROUGHLY BEFORE REUSE. RUBBER OR PLASTIC GLOVES ARE RECOMMENDED.

INHALATION: USE RESPIRATORY PROTECTION UNLESS LOCAL EXHAUST VENTILATION IS ADEQUATE OR AIR SAMPLING DATA SHOW EXPOSURES ARE WITHIN TLV AND PEL GUIDELINES.

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

Q.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 Q.O.T. OR E.P.A. CERCLA/ SARA ENVIRONMENTAL RELEASE REPORTING REGULATIONS. SEE SEC. XI FOR ADDITIONAL SARA COMPLIANCE INFORMATION.
MATERIAL NAME: MOLYKOTE(R) DX PASTE

SECTION IX - ROUTINE HANDLING PRECAUTIONS

PROTECTIVE EQUIPMENT:
EYES: USE CHEMICAL WORKER GOOGLES.

SKIN: WASHING AT MEALTIME AND END OF SHIFT IS ADEQUATE. REMOVE CONTAMINATED CLOTHING AND SHOES AS SOON AS PRACTICAL AND CLEAN THOROUGHLY BEFORE REUSE. RUBBER OR PLASTIC GLOVES ARE RECOMMENDED.

INHALATION: USE RESPIRATORY PROTECTION UNLESS LOCAL EXHAUST VENTILATION IS ADEQUATE OR AIR SAMPLING DATA SHOW EXPOSURES ARE WITHIN TLV AND PEL GUIDELINES.

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

SUITABLE RESPIRATOR: DUST/MIST TYPE.

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 BREATHING VAPOR AND EYE AND SKIN CONTACT. USE ONLY WITH ADEQUATE VENTILATION. DO NOT INHALE INTERNALLY.

SECTION X - SPECIAL PRECAUTIONS

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

OTHER PRECAUTIONS: DO NOT SMOKE GREASE-CONTAMINATED CIGARETTES; IDEALLY, DO NOT HAVE CIGARETTES IN WORK AREAS WHERE GREASE IS USED. POLYFLUOROETHYLENE'S DECOMPOSITION PRODUCTS ARE HIGHLY TOXIC AS DESCRIBED IN SECTION III. DISCARD CIGARETTES IF CONTAMINATION IS SUSPECTED.

COMMENTS: NONE.

SECTION XI - COMMENTS

ADDITIONAL SARA REGULATORY COMPLIANCE INFORMATION
SEC. 312 HAZARD CLASS: IMMEDIATE AND DELAYED.
SEC. 313 NOTIFICATION: THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SEC. 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND 40 CFR 372:

<table>
<thead>
<tr>
<th>CAS NO</th>
<th>CHEMICAL NAME</th>
<th>% BY WT.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ZINC COMPOUNDS 2</td>
<td></td>
</tr>
</tbody>
</table>

IMPORTANT: THIS INFORMATION MUST BE INCLUDED IN ALL MSDS THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.