

EXPOSURE TO THIS PRODUCT.

SECTION IV - EMERGENCY AND FIRST AID PROCEDURES

EYES: FLUSH WITH WATER.
SKIN: WIPE OFF AND FLUSH WITH WATER.
INHALATION: NO PROBLEM.
ORAL: NO PROBLEM.
COMMENT: NONE

SECTION V - FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED): OPEN CUP ABOVE 250 DEG F/121 DEG C
AUTOIGNITION: NOT DETERMINED
FLAMMABILITY LIMITS IN AIR : LOWER: N.D. UPPER: N.D.
EXTINGUISHING MEDIA: WATER FOG X, CO2 X, DRY CHEMICAL X, FOAM X, OTHER
SPECIAL FIRE FIGHTING PROCEDURES: SELF CONTAINED BEATHING APPARATUS AND
PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING FIRES INVOLVING CHEMICALS

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE KNOWN TO DOW CORNING.
COMMENTS: N.D. - NOT DETERMINED.

SECTION VI - PHYSICAL DATA

BOILING POINT (@ 760 MM HG): ABOVE 300 DEG F/149 DEG C.
SPECIFIC GRAVITY (AT 77 DEG F/25 DEG C): 1.07
MELTING POINT: NOT APPLICABLE
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 VOLUME (%): LESS THAN 5%
EVAPORATION RATE (ETHER = 1): LESS THAN 1
SOLUBILITY IN WATER(%): LESS THAN 0.1%
ODOR, APPEARANCE, COLOR: VERY LITTLE ODOR, LIQUID, SOME COLOR.

NOTE: THE ABOVE INFORMATION IS NOT INTENDED FOR USE IN PREPARING PRODUCT
SPECIFICATIONS. CONTACT DOW CORNING BEFORE WRITING SPECIFICATIONS.

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SECTION VII - REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY (MATERIAL TO AVOID): OXIDIZING MATERIAL CAN CAUSE A REACTION.
CONDITIONS TO AVOID: NOT APPLICABLE

HAZARDOUS DECOMPOSITION PRODUCTS: SILICON DIOXIDE, 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 AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: USE ABSORBENT
MATERIAL TO COLLECT AND CONTAIN FOR SALVAGE OR DISPOSAL.

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 REQUIRED.

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.

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 IS AN OIL IN THE CONTEXT OF THE U.S. CLEAN WATER ACT. SPILLS TO U.S. SURFACE WATERS, OR TO WATERCOURSES OR SEWERS LEADING TO U.S. SURFACE WATERS THAT CAUSE A VISIBLE SHEEN MUST BE REPORTED TO THE NAT'L ESP. CENTER.

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 REQUIRED.

VENTILATION:

LOCAL EXHAUST: NONE
MECHANICAL (GENERAL): RECOMMENDED
SUITABLE RESPIRATOR: NONE SHOULD BE NEEDED.
THESE PRECAUTIONS ARE FOR ROOM TEMPERATURE HANDLING, USE AT ELEVATED TEMPERATURE 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: NONE

SECTION X - SPECIAL PRECAUTIONS

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

OTHER PRECAUTIONS: NONE KNOWN TO DOW CORNING.
COMMENTS: TRACES OF BENZENE, FORMALDEHYDE, AND OTHER THERMAL DECOMPOSITION PRODUCTS MAY FORM AT TEMPERATURES ABOVE 150C IN THE PRESENCE OF AIR. PROVIDE ADEQUATE VENTILATION WHEN HANDLING AT ELEVATED TEMPERATURES.

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DOW CORNING CORPORATION
MATERIAL SAFETY DATA SHEET

EMERGENCY PHONE NO: (517) 496-5900
SECTION I

PRODUCT NAME OR NUMBER: DOW CORNING (R) 702 DIFFUSION PUMP FLUID

MANUFACTURERS NAME: DOW CORNING CORPORATION
ADDRESS: S SAGINAW RD, MIDLAND, MI 48640

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): N.A.
D.O.T. HAZARD CLASS (49 CFR 172.101): NONE
RCRA HAZARD CLASS*(40 CFR 261): NONE
E.P.A. PRIORITY POLLUTANTS (40 CFR 122.53): NONE
HEALTH (NFPA): 1 FLAMABILITY (NFPA): 1 REACTIVITY (NFPA): 0
CAS. NO.: 63148-52-7 DCWC 76
GENERIC DESCRIPTION : SILICONE
* IF DISCARDED

SECTION II HAZARDOUS INGREDIENTS

NONE PRESENT

% TLV (UNITS):

% TLV (UNITS):

SECTION III HEALTH HAZARD DATA HEALTH (NFPA) 1
EFFECTS OF OVEREXPOSURE: MAY CAUSE TEMPORARY DISCOMFORT TO EYES.

THRESHOLD LIMIT VALUE OF PRODUCT: NOT APPLICABLE

EMERGENCY AND FIRST AID PROCEDURES: FLUSH WITH WATER.

SECTION IV FIRE AND EXPLOSION HAZARD DATA FLAMMABILITY (NFPA) 1
FLASH POINT (METHOD USED): OPEN CUP ABOVE 250 DEG F/121 DEG C
FLAMMABLE LIMITS IN AIR,% BY VOLUME LOWER: NOT APPLICABLE
UPPER: NOT APPLICABLE
EXTINGUISHING MEDIA: CARBON DIOXIDE OR FOAM.
SPECIAL FIRE FIGHTING PROCEDURES: SELF CONTAINED BREATHING APPARATUS AND
PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING FIRES INVOLVING CHEMICALS.
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE KNOWN TO DOW CORNING.

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SECTION V PHYSICAL DATA
BOILING POINT: ABOVE 300 DEG F/149 DEG C
SPECIFIC GRAVITY: 1.07
MELTING POINT: NOT APPLICABLE
VAPOR PRESSURE: LESS THAN 5 MM.
VAPOR DENSITY (AIR=1): NOT APPLICABLE
PERCENT VOLATILE BY VOLUME (%): LESS THAN 5%
EVAPORATION RATE (ETHER =1): LESS THAN 1
SOLUBILITY IN WATER (%): LESS THAN 0.1%
FLASH POINT (METHOD USED): OPEN CUP ABOVE 250 DEG F/121 DEG C
ODOR, APPEARANCE, COLOR: VERY LITTLE ODOR, LIQUID, SOME COLOR.

SECTION VI REACTIVITY DATA REACTIVITY (NFPA) 0
STABILITY: STABLE
CONDITIONS TO AVOID: NOT APPLICABLE
INCOMPATIBILITY (MATERIALS TO AVOID): OXIDIZING MATERIAL CAN CAUSE A REACTION.

HAZARDOUS DECOMPOSITION PRODUCTS: SILICON DIOXIDE, CARBON DIOXIDE, AND
TRACES OF INCOMPLETELY BURNED CARBON PRODUCTS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: NOT APPLICABLE

SECTION VII SPILL, LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
USE ABSORBENT MATERIAL TO COLLECT AND CONTAIN FOR SALVAGE OR DISPOSAL.

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.

D.O.T. (49 CFR 171.8)/E.P.A. (40 CFR 117) SPILL REPORTING INFORMATION

HAZARDOUS SUBSTANCE: NONE RQ: NOT APPLICABLE
CONCENTRATION OF HAZARDOUS SUBSTANCE: NOT APPLICABLE
REPORTABLE QUANTITY OF PRODUCT :NOT APPLICABLE

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SECTION VIII SPECIAL PROTECTION INFORMATION
RESPIRATORY PROTECTION (SPECIFY TYPE): NONE SHOULD BE NEEDED.

VENTILATION

LOCAL EXHAUST: NONE SHOULD BE NEEDED
SPECIAL: NONE KNOWN TO DOW CORNING.
MECHANICAL (GENERAL): RECOMMENDED.
OTHER: NONE KNOWN TO DOW CORNING.

PROTECTIVE GLOVES: NONE SHOULD BE NEEDED.

EYE PROTECTION: PROPER EYE PROTECTION SHOULD BE WORN IN ANY TYPE OF INDUSTRIAL OPERATION.

OTHER PROTECTIVE EQUIPMENT: AS REQUIRED BY YOUR COMPANY.

SECTION IX SPECIAL PRECAUTIONS
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: USE REASONABLE CARE.

OTHER PRECAUTIONS: NONE KNOWN TO DOW CORNING.

NOTE: NONE

THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESS 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.

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