

VIII STORAGE AND HANDLING PRECAUTIONS

AEROSOL CONTAINER: Do NOT store in direct sunlight, near open flames, or at temperatures exceeding 120°F. Do NOT smoke while spraying. Use only as directed. Intentional misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.

WAREHOUSE STORAGE: NFPA CODE 30B CLASSIFICATION - LEVEL 3

IX SPILL LEAK AND DISPOSAL PRACTICES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Ventilate area. Remove all sources of ignition.
Clean up with inert materials and dispose of in accordance with all Local, State and Federal regulations.

WASTE DISPOSAL METHOD

AEROSOL CONTAINER: Do NOT puncture or incinerate. Empty containers may be disposed of through normal channels. Full or partially filled containers are considered HAZARDOUS WASTE.

X TRANSPORTATION

DOT HAZARD CLASSIFICATION

ORM-D

PLACARD REQUIRED

None

LABEL REQUIRED

ORM-D

NAME (print) **PETER M. JANKOWSKI**SIGNATURE TITLE **TECHNICAL SERVICES SUPERVISOR**DATE OF LAST REVISION **January 30, 1995**

REVIEW DATE: INITIALS:

SECTION 313 SUPPLIER NOTIFICATION

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

CAS #	Chemical Name	Percent by Weight
67-64-1	Acetone	69.0
108-88-3	Toluene	2.4

This information must be included in all MSDSs that are copied and distributed for this material.

MATERIAL SAFETY DATA SHEET

NFPA DESIGNATION 704

R.M. NUMBER 85-6080N-1

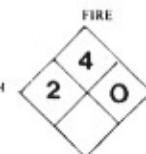


North American Professional Products
1500 McConnell Road, Woodstock, Illinois 60090-7310
Telephone 1-800-766-7655

HAZARD RATING

4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

HEALTH



SPECIFIC HAZARD

EMERGENCY NUMBER 1-800-255-3924

I IDENTIFICATION

CHEMICAL NAME

Mixture

FORMULATION NUMBER

004-1-35

TRADE NAME & PRODUCT NUMBER

Dry Moly Lubricant #6080N

DOT IDENTIFICATION NUMBER

UN-1950

SYNONYMS

NA

II PRODUCT AND COMPONENT DATA

COMPONENT(S) CHEMICAL NAME	CAS REGISTRY NO.	% (APPROX.)	ACGIH-TLV TWA (ppm)	STEL	OSHA PEL (ppm)	Listed as a Carcinogen in NTP, IARC or OSHA 1910(Z)
Isobutane	75-28-5	1-10	800	-	-	No
Propane	74-98-6	11-30	-	-	1000	No
Molybdenum Disulfide	1317-33-5	1-10	10 mg / m ³	15 mg / m ³	-	No
*Toluene	108-88-3	1-10	100	150	200	No
Acetone	67-64-1	51-70	750	1000	1000	No

*A chemical known to the state of California to cause birth defects and reproductive toxicity. (Proposition 65)

III PHYSICAL DATA

APPEARANCE AND ODOR Gray to Black / Ketone Odor	SPECIFIC GRAVITY 0.82
BOILING POINT 135 - 232°F (Concentrate)	VAPOR DENSITY IN AIR > 1
VAPOR PRESSURE Aerosol Container @ 70°F 40-50 psig	% VOLATILE BY VOLUME > 95%
EVAPORATION RATE (Ether = 1) < 1	SOLUBILITY IN WATER Neg.

IV REACTIVITY DATA

STABILITY Stable	CONDITIONS TO AVOID Open flames, sparks, electrical arcs.
INCOMPATIBILITY (materials to avoid) Strong oxidizing agents, strong acids or bases.	
HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition may yield carbon monoxide and carbon dioxide.	
HAZARDOUS POLYMERIZATION Will not occur.	

A HAZARDOUS INGREDIENT IS ONE WHICH MEETS ONE OR MORE OF THE FOLLOWING CRITERIA:

- It is listed in the annual registry of toxic effects of chemical substances, or is known to be toxic within the parameters of that registry, and is present at a level of 1% or greater of the composition, except that chemicals identified as carcinogens under 29 CFR 1910.1200 (d) (4) shall be listed if the concentrations are 0.1% or greater.
- It has an OSHA established Permissible Exposure Limits or Ceiling Concentration (C) or an American Conference of Governmental Industrial Hygienist's (ACGIH) TLV or, C, and by the nature of the product or its known use, is likely to become airborne.
- It contributes to one or more of the following hazards to the product: A - Flashpoint below 200° F. (CC), or subject to spontaneous heating or decomposition; B - Causes skin burns (DOT); C - Strong oxidizing agent (DOT); D - Subject to hazardous polymerization.

Each hazardous ingredient should be listed by chemical, generic or proprietary name, its level in the product should be expressed as 1% or less, 1-10%, 11-30%, 31-50%, 51-70%, or greater than 70%, or by other means if such information is proprietary. Recommended ACGIH or registry of toxic effects of chemical substances TLV or C values are only listed with appropriate notation, where OSHA values are not available.

Carbon dioxide, foam, dry chemical.	
UNUSUAL FIRE AND EXPLOSION HAZARDS	
Treat as cylinders of compressed gas. Firefighters should use a self-contained positive pressure breathing apparatus.	
VI TOXICITY AND FIRST AID	
EXPOSURE LIMITS:	
See Section II for exposure limits for each individual component.	
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	
May increase myocardial irritability. Avoid Epinephrine or similar drugs if at all possible.	
ACUTE TOXICITY:	
INHALATION:	Shortness of breath, dizziness, light headedness. Anesthetic effects may occur at high concentrations.
INGESTION:	May cause chemical pneumonia if aspirated into lungs.
EYE CONTACT:	Possible eye irritant.
SKIN CONTACT:	Short contact - no irritation. Prolonged or repeated contact - minor to mild irritation.
SKIN ABSORPTION:	Very low toxicity.
FIRST AID	
CALL A PHYSICIAN OR A POISON CONTROL CENTRE.	
EYES:	Flush with water for 15 minutes or until irritation subsides.
SKIN:	Remove all contaminated clothing and wash skin with soap and water.
INHALATION:	Remove from exposure immediately. If breathing is stopped or irregular, begin artificial respiration and administer oxygen.
INGESTION:	Drink large amounts of water. Do NOT induce vomiting.

REPRODUCTIVITY:	Prolonged and repeated exposure of pregnant animals to toluene (levels greater than approximately 1500 ppm) has been reported to cause adverse fetal developmental effects.
TERATOGENICITY:	Not Established.
MUTAGENICITY:	Not Established.
TARGET ORGAN AFFECTED:	Prolonged exposure above the OSHA permissible exposure limits may result in lung, kidney and liver damage.
VII PERSONAL PROTECTION AND CONTROLS:	
RESPIRATORY PROTECTION	
Respiratory protection program should be in accordance with 29 CFR 1910.134.	
VENTILATION	
Local exhaust is adequate.	
SKIN PROTECTION	
Gloves: Polyethylene or Neoprene.	
EYE PROTECTION	
Safety glasses are recommended.	
HYGIENE	
Wash skin with soap and water.	
OTHER CONTROL MEASURES	
Protective clothing and equipment: See 29 CFR 1910.133 & 132.	

NOTICE FROM NORTH AMERICAN PROFESSIONAL PRODUCTS

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