MSDS RECORD NUMBER: 1036663
PRODUCT NAME(S): ALL PURPOSE SILicone LUBRICANT (BULK) 84502
PRODUCT IDENTIFICATION: 84502
DATE OF MSDS: 1995-09-25

MANUFACTURER:
ADDRESS: The Fastener Centre
1624 Howard Avenue
Windsor Ontario
Canada N9A 6K7
Telephone: 519-255-1100

SUPPLIER/DISTRIBUTOR:
ADDRESS: The Fastener Centre
1624 Howard Avenue
Windsor Ontario
Canada N9A 6K7
Telephone: 519-255-1100

MATERIAL SAFETY DATA SHEET
FOR COATINGS, RESINS AND RELATED MATERIALS
84502

SECTION 1 - PRODUCT INFORMATION

NAME OF PRODUCT: ALL PURPOSE SILicone LUBRICANT (BULK) 84502
PRODUCT CLASS: B3 - Combustible Liquid
D2B - Toxic Material
PRODUCT USE: Lubricant for all moving parts

SECTION 2 - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS#</th>
<th>%BY WEIGHT</th>
<th>C50</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetrachloroethylene 127-18-4</td>
<td>90.0</td>
<td>Rat, inhale</td>
<td>5,040mg/kg 8hr</td>
<td>Rat, oral</td>
</tr>
</tbody>
</table>

SECTION 3 - PREPARATION INFORMATION

PREPARED BY: Graphics Department PHONE: (519)255-1100 DATE: MAY 1995

SECTION 4 - PHYSICAL DATA
PHYSICAL STATE: Liquid

BOILING POINT (C): 52C    VAPOUR DENSITY: Heavier than air - Yes
FREEZING POINT (C): Not Available    VAPOUR PRESSURE @ 21C: 13 mm Hg
EVAPORATION RATE (water = 1): Faster
PERCENT VOLATILE BY WEIGHT: Not available
SOLUBILITY IN WATER: Negligible    SPECIFIC GRAVITY (H2O=1): 1.59

APPEARANCE AND ODOUR: Clear liquid, characteristic solvent odour.

SECTION 5 - FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY: Heated cans may burst.
MEANS OF EXTINCTION: Use water fog, dry chemical or carbon dioxide.
EXPLOSION DATA, SENSITIVITY TO MECHANICAL IMPACT: Not available
SENSITIVITY TO STATIC DISCHARGE: Not available
FLASHPOINT (C) AND METHOD: None
AUTOIGNITION TEMPERATURE (C): Not available
UPPER FLAMMABLE LIMIT %: Not available
LOWER FLAMMABLE LIMIT %: Not available
HAZARDOUS COMBUSTION PRODUCTS: Not available

SECTION 6 - HEALTH HAZARD

STABILITY: Stable
INCOMPATIBLE MATERIALS: Strong acids or bases, oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: In fire - water, carbon dioxide, carbon monoxide, phosgene, products of incomplete combustion.
CONDITIONS OF REACTIVITY: None
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 7 - TOXICOLOGICAL PROPERTIES

ROUTES OF ENTRY:

SKIN CONTACT _x_    SKIN ABSORPTION _    EYE CONTACT _    INHALATION _x_
INGESTION __x__

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: May cause dizziness or narcosis in high vapour concentration. Will cause deflating of skin. Effects are reversible.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: Long term exposure (years) to vapour may cause lung, liver, or kidney damage. The solvents listed have been reported to affect the central nervous system. Inhalation - Difficulty in breathing. Skin - Redness    Ingestion - Vomiting
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE: Heart disease, respiratory disorders.

EXPOSURE LIMITS: Not available  SENSITIVITY TO PRODUCT: Not available

IRRITANCY TO PRODUCT: Not available

SYNERGISTIC PRODUCTS: Not available

EVIDENCE OF CARCINOGENICITY, REPRODUCTIVE TOXICITY, TERATOGENICITY OR MUTAGENICITY:
Methylene chloride listed as potential carcinogen by IARC and NTP. It is not believed to pose a measurable carcinogenic risk to man when handled as recommended.

Tetrachlorethylene is listed under IARC as a 2B animal carcinogen.

SECTION 8 - FIRST AID MEASURES

INHALATION: Remove to fresh air, give oxygen, call physician immediately.

INGESTION: Do not induce vomiting - gastric lavage.

EYE CONTACT: Wash eyes with water.

SKIN CONTACT: Wash skin with water.

SECTION 9 - PREVENTATIVE MEASURES

GLOVES (specify): None required if spraying.

RESPIRATORY (specify): Self contained breathing apparatus if TLV limits are exceeded.

EYE (specify) Safety Glasses or goggles. FOOTWEAR: Not available.

OTHER EQUIPMENT (specify): Long sleeves and long pants, or coveralls.

ENGINEERING CONTROLS: (e.g. ventilation, enclosed process, specify): Local exhaust - yes, General - none.

LEAK and SPILL PROCEDURES: Use absorbent sweeping compound to soak up material. Pour into container.

WASTE DISPOSAL: Dispose as hazardous waste in accordance with applicable Provincial and local requirements.

HANDLING PROCEDURES AND EQUIPMENT: Do not smoke while using. Wash hands after use. Avoid prolonged breathing of vapors. Always use with adequate ventilation.

STORAGE REQUIREMENTS: Keep away from heat, sparks or open flame. Store below 49°C.

SPECIAL SHIPPING INFORMATION: Not available.

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