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 * Canadian Centre for Occupational Health and Safety *
 * * * * * (February, 2002) *

*** IDENTIFICATION ***

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

*** MANUFACTURER INFORMATION ***

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

*** SUPPLIER/DISTRIBUTOR INFORMATION ***

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 ADDRESS : 1624 Howard Avenue
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 Telephone: 519-255-1100

*** MATERIAL SAFETY DATA ***

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

INGREDIENT	CAS#	%BY WEIGHT	C50	LD50
Tetrachloroethylene	127-18-4	90.0	Rat, inhale 5,040mg/kg 8hr	Rat, oral 2600 mg/kg

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 SKIN ABSORPTION EYE CONTACT INHALATION
INGESTION

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: May cause dizziness or narcosis in high vapour concentration. Will cause defatting 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 49C.

SPECIAL SHIPPING INFORMATION: Not available.

The information contained herein is based on data believed to be reliable by THE FASTENER CENTRE. It is true and accurate to the best of our knowledge, but is not intended to be all inclusive. Users should consider this information as a supplement to other information gathered by them and must make their own determination of suitability and completeness to assure proper safe use and disposal of these materials. THE FASTENER CENTRE provides no warranties expressed or implied and assumes no responsibility for the accuracy or the completeness of the data contained herein.