

# MATERIAL SAFETY DATA SHEET

**PRODUCT NAME:** Roberts 1920 Lift Off Carpet and Adhesive Remover  
**PRODUCT USES:** For carpet and adhesive removal

**H F R A H M I S C O D E S H F R P**  
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**V.O.C. CONTENT:** n/av

## SECTION I - MANUFACTURER IDENTIFICATION

**MANUFACTURER'S NAME:** ROBERTS COMPANY CANADA LTD.  
**ADDRESS:** 2070 Steeles Ave. Bramalea, Ontario L6T 1A7  
**24 HOUR PHONE:** Chemtrec (800) 424-9300  
**DATE REVISED:** 09/09/01

**CEPA information:** All ingredients are included on the list.  
**TSCA information:** All ingredients are included on the inventory.

**NAME OF PREPARER:** Peter Sharko  
**INFORMATION PHONE:** (905) 791-4444  
**SOURCES USED:** Raw material supplier's M.S.D.S.

## SECTION II – CHEMICAL COMPOSITION / HAZARDOUS INGREDIENTS INFORMATION

COMPONENT	APPROX. %	CAS#	OSHA PEL	ACGIH TLV	LD50	LC50
MONOETHANOLAMINE	10	141-43-5	3 ppm(6mg/m <sup>3</sup> )	3 ppm TWA,6 ppm STEL/C	1720 mg/kg (ORAL, RAT)	LC> 2420 mg/m <sup>3</sup> /2H(inhl, mouse)
BUTYL CELLOSOLVE	50	111-76-2	25 ppm(240mg/m <sup>3</sup> )	25 ppm TWA	470 mg/kg (ORAL, RAT)	450 PPM/4H (inhl, rat)
WATER	40	7732-18-5	n/ap	n/ap	n/ap	n/ap

## SECTION III – PHYSICAL DATA

**BOILING POINT:** 100° C (212°F) **FREEZING POINT:** n/av  
**VAPOR DENSITY (AIR=1):** n/av  
**VAPOR PRESSURE (MM OF MERCURY):** n/av  
**SOLUBILITY IN WATER:** Complete  
**APPEARANCE AND ODOR:** Clear, almost colorless liquid, mild odor.

**SPECIFIC GRAVITY (H2O=1):** 0.95-0.97 @ 25°C **pH:** 10-11  
**EVAPORATION RATE (BUTYL ACETATE=1):** n/av  
**EVAPORATION RATE (ETHYL ACETATE=1):** n/av  
**PERCENT VOLATILE:** n/av  
**ODOR THRESHOLD (PPM):** Not available

## SECTION IV - FIRE AND EXPLOSION DATA

**FLASHPOINT (specify method):** >200°F (93.3°C) **METHOD USED:** n/av **IMPACT SENSITIVITY:** Insensitive  
**FLAMMABLE LIMITS (% BY VOLUME):** Non-Flammable **LOWER:** n/av **UPPER:** n/av **SENSITIVITY TO STATIC DISCHARGE:** n/av  
**FIRE EXTINGUISHING MEDIA:** As appropriate for surrounding materials. **AUTO IGNITION TEMP:** n/av **SENSITIVITY TO MECHANICAL IMPACT:** n/av  
**SPECIAL FIRE-FIGHTING PROCEDURES:** None. **UNUSUAL FIRE AND EXPLOSION HAZARDS:** n/av **OXIDIZING PROPERTIES:** n/av  
**TDG FLAMMABILITY CLASSIFICATION:** Not regulated. **49 CFR INFORMATION:** Not Regulated. **HAZARDOUS COMBUSTION PRODUCTS:** n/av

## SECTION V - REACTIVITY & STABILITY DATA

**STABILITY:** Stable **CONDITIONS TO AVOID:** High heat, incompatible materials  
**INCOMPATIBILITY (Materials to avoid):** Strong oxidizing agents, strong acids  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon, oxides of nitrogen.  
**HAZARDOUS POLYMERIZATION:** Will not occur **CONDITIONS TO AVOID:** None

## SECTION VI – TOXICOLOGICAL PROPERTIES

### ENTRY ROUTE TABLE

SKIN CONTACT	X	SKIN ABSORPTION	X	EYE CONTACT	X	INHALATION ACUTE	X	INHALATION CHRONIC	X	INGESTION	X
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**SIGNS AND SYMPTOMS OF ACUTE (Short Term) EXPOSURE TO MATERIAL:** *Inhalation:* Due to the content of Butyl cellosolve this product may be toxic by inhalation. It effects the central nervous system (CNS), producing symptoms such as headache, nausea, dizziness, drowsiness, and confusion. The risk however, should be evaluated based on concentration of the product, exposure length and the conditions of use. *Skin Contact:* Based on the content of Monoethanolamine and Butyl cellosolve, this product is expected to cause skin irritation on contact. Also, Butyl cellosolve can be absorbed through the skin and may cause CNS effects as described in "inhalation" above. *Eye Contact:* Product will cause irritation, severe irritation, or even burns on contact with eyes. *Ingestion:* May be harmful or fatal if swallowed.

**EFFECTS OF CHRONIC (Long Term) EXPOSURE TO MATERIAL:** Repeated or prolonged skin contact may cause chronic dermatitis, and/or severe irritation.

<b>LD50 (SPECIFY SPECIES &amp; ROUTE):</b> Not available for the mixture. See components above.	<b>LC50 (SPECIFY SPECIES):</b> Not available for the mixture. See components above.	<b>EXPOSURE LIMIT:</b> See hazardous ingredients Section II	<b>IRRITANCY:</b> Eyes, skin and respiratory tract
<b>SENSITIZING CAPACITY:</b> Not reported.	<b>CARCINOGENICITY:</b> None (as per IARC, ACGIH, OSHA)	<b>TERATOGENICITY, MUTAGENICITY, OTHER REPRODUCTIVE EFFECTS:</b> No data	<b>SYNERGISTIC MATERIALS:</b> No data

## SECTION VII – PREVENTATIVE MEASURES

**RESPIRATORY PROTECTION (SPECIFY TYPE):** Not normally required.  
**VENTILATION & ENGINEERING CONTROLS:** Engineering control methods to reduce hazardous exposures are preferred. Methods include mechanical ventilation (dilution and local exhaust).  
**PROTECTIVE GLOVES:** Recommended; Butly rubber, Viton. **EYE PROTECTION:** Safety goggles are recommended.  
**OTHER PROTECTIVE EQUIPMENT:** Boots, apron, and other as required by workplace standards, and work conditions.  
**SPILL PROCEDURES:** Soak up with absorbent material. Place in a labeled container for disposal. Consult local regulations regarding disposal of neat product as well as soaked carpet.  
**ENVIRONMENTAL PRECAUTIONS:** Do not allow the spill to enter the sewer or waterways.  
**WASTE DISPOSAL METHOD:** Follow all municipal, provincial, state and federal regulations regarding disposal.  
**STORAGE & HANDLING PRECAUTIONS:** Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Keep containers tightly closed when not in use.  
**OTHER PRECAUTIONS:** Store in a cool, well ventilated area away from ignition sources and incompatible materials. Keep out of reach of children.  
**ENVIRONMENTAL EFFECTS:/ IMPORTANT ENVIRONMENTAL CHARACTERISTICS:/AQUATIC TOXICITY:** This section is under development.

## SECTION VIII – FIRST AID MEASURES

**INHALATION:** Remove to fresh if breathing becomes difficult.  
**EYES:** Immediately flush eyes with running water for at least 15 minutes, while holding eyelids open. Call a physician.  
**SKIN:** Immediately flush skin with water for at least 20 minutes, while removing contaminated clothing. Completely decontaminate clothing, shoes, and leather goods (e.g. watchbands, belts). Call a physician.  
**INGESTION:** If swallowed call a physician immediately.