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

MSDS RECORD NUMBER : 3009576  
 PRODUCT NAME(S) : MULTI-PURPOSE CONTACT CEMENT  
 DATE OF MSDS : 2001-08-29  
 CURRENCY NOTE : This MSDS was provided to CCOHS in electronic form on  
 2001-12-20

\*\*\* MANUFACTURER INFORMATION \*\*\*

MANUFACTURER : LEPAGE DIV OF HENKEL CANADA CORPORATION  
 ADDRESS : 50 West Drive  
 Brampton Ontario  
 Canada L6T 2J4  
 EMERGENCY TELEPHONE NO. : 905-459-1140  
 613-996-6666 (CANUTEC)

\*\*\* SUPPLIER/DISTRIBUTOR INFORMATION \*\*\*

SUPPLIER/DISTRIBUTOR : LEPAGE DIV HENKEL CANADA CORP  
 ADDRESS : 50 West Drive  
 Brampton Ontario  
 Canada L6T 2J4  
 EMERGENCY TELEPHONE NO. : 905-459-1140  
 613-996-6666 (CANUTEC)

\*\*\* MATERIAL SAFETY DATA \*\*\*

MATERIAL SAFETY DATA SHEET : 00000103

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 LEPAGE DIV. HENKEL CANADA CORP  
 50 WEST DRIVE  
 BRAMPTON, ONTARIO CANADA L6T 2J4  
 (905) 459-1140; CANUTEC: (613) 996-6666  
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Product: MULTI-PURPOSE CONTACT CEMENT

SECTION 01: PRODUCT INFORMATION

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 MANUFACTURER.....LEPAGE DIV. OF HENKEL CANADA CORPORATION  
 50 WEST DRIVE  
 BRAMPTON, ONTARIO  
 CANADA  
 L6T 2J4  
 (905) 459-1140; CANUTEC (613) 996-6666  
 WHMIS CLASSIFICATION.....B2. D2B. WHEN THIS PRODUCT IS LABELLED AS  
 A CONSUMER PRODUCT IT IS EXEMPT FROM WHMIS  
 REGULATIONS. (SEE SECTION 12(f) OF THE  
 HAZARDOUS PRODUCTS ACT).  
 T.D.G. CLASSIFICATION.....ADHESIVES, CLASS 3, UN 1133, PKG GRP II.  
 WHEN THIS PRODUCT IS LABELLED AS A  
 CONSUMER COMMODITY IT IS EXEMPT FROM  
 T.D.G. REGULATIONS (SEE SECTION 2.7(1) OF  
 TRANSPORTATION OF DANGEROUS GOODS  
 REGULATIONS).  
 PRODUCT NAME.....MULTI-PURPOSE CONTACT CEMENT  
 CHEMICAL FAMILY.....CONTACT CEMENT.  
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MATERIAL USE.....WOODWORKING ADHESIVE.

## SECTION 02: HAZARDOUS INGREDIENTS

%	CAS / TLV	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
Magnesium oxide			
1-5	1309-48-4 PEL-TWA: 15 mg/m3	810 mg/kg oral,mouse	Not available
Naphtha,hydrotreated (C4-C11)			
30-60	64742-49-0 TLV: 50 ppm TWA	28g/kg oral,rat	Not available
2-Butanone			
5-10	78-93-3 PEL-TWA: 200 ppm	2.7g/kg,oral,rat 4.0g/kg,oral,mouse 6.5g/kg,skin,rabbit	23.5g/m3/8hr., rat
Toluene			
10-30	108-88-3 TLV-TWA:188mg/m3	2.6-7.5g/kg,oral,rat 14.1ml/kg,skin,rbt	8800 ppm,4hr,rat

## SECTION 03: PHYSICAL DATA

PHYSICAL STATE.....Liquid.  
 APPEARANCE & ODOUR.....Yellowish liquid. Solvent odour.  
 ODOUR THRESHOLD (ppm).....Not available.  
 VAPOUR PRESSURE (mm Hg).....Not available.  
 VAPOUR DENSITY (AIR=1).....3.0.  
 BY VOLUME.....  
 BY WEIGHT.....  
 EVAPORATION RATE.....>1 (Butyl Acetate = 1).  
 BOILING POINT (deg C).....66 deg C.  
 pH.....Not available.  
 SPECIFIC GRAVITY.....0.820.  
 SOLUBILITY IN WATER (% W/W).....Insoluble.  
 COEFFICIENT OF WATER/OIL.....Not available.  
 DISTRIBUTION

## SECTION 04: FIRE &amp; EXPLOSION DATA

FLAMMABILITY.....EXTREMELY FLAMMABLE.  
 IF YES, UNDER WHICH CONDITIONS?.....Excessive heat, sparks and open flame.  
 Vapours may cause flash fires.Vapours may ignite explosively.  
 AUTO IGNITION TEMPERATURE.....> 250 deg C.  
 EXTINGUISHING MEDIA.....Carbon dioxide, dry chemical, foam.  
 SPECIAL PROCEDURES.....Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.A solid stream of water directed on hot and/or burning material may cause violent frothing.  
 FLASH POINT (C), METHOD.....-30 deg C (PMCC).  
 LOWER FLAMMABLE LIMIT (% VOL).....1.0.  
 UPPER FLAMMABLE LIMIT (% VOL).....10.0.  
 HAZARDOUS COMBUSTION PRODUCTS.....Hydrocarbons and traces of chlorine compounds. Oxides of carbon (CO,CO2).  
 Smoke.

## SECTION 05: REACTIVITY DATA

YES.....Stable, hazardous polymerization will not occur. Under normal conditions.  
 NO, WHICH CONDITIONS ?.....  
 COMPATIBILITY WITH OTHER.....

## SUBSTANCES:

YES.....  
 NO, WHICH ONES?.....Strong oxidizing agents.  
 REACTIVITY CONDITIONS ?.....  
 HAZARDOUS PRODUCTS OF.....Smoke. Chlorine compounds. Oxides of  
 DECOMPOSITION carbon (CO,CO2) at high temperatures.

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SECTION 06: TOXICOLOGICAL PROPERTIES  
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SKIN CONTACT.....Can cause drying and defatting of skin  
 leading to irritation and dermatitis.May  
 cause irritation, especially on prolonged  
 contact.  
 SKIN ABSORPTION.....May be absorbed by the skin.  
 EYE CONTACT.....Irritating, and may injure eye tissue if  
 not removed promptly. On contact, will  
 bond eyelids together.Vapours cause  
 tearing. May cause moderate to severe  
 irritation.Causes corneal damage.  
 INHALATION.....High vapour concentrations are irritating  
 to the eyes and the respiratory tract.May  
 cause headaches and dizziness; are  
 anaesthetic.May affect central nervous  
 system.  
 INGESTION.....Vomiting presents an aspiration hazard and  
 may result in chemical pneumonia,  
 pulmonary edema or hemorrhage.Can cause  
 gastro-intestinal irritation, nausea,  
 vomiting and diarrhea.Product may be toxic  
 if ingested.  
 EFFECTS OF ACUTE EXPOSURE.....Refer to route of entry.  
 EFFECTS OF CHRONIC EXPOSURE.....Dermatitis.Deliberate and repeated  
 inhalation may result in teratogenic and  
 embryonic toxic effects. May aggravate  
 existing eye, skin, and lung conditions.  
 LD 50 OF MATERIAL, SPECIES &.....See hazardous ingredients section (2).  
 ROUTE  
 LC 50 OF MATERIAL, SPECIES &.....See hazardous ingredients section (2).  
 ROUTE  
 EXPOSURE LIMIT OF MATERIAL.....Not available.  
 IRRITANCY OF MATERIAL.....Eye irritation:. Moderate to severe.Skin  
 irritation:. Components of this  
 formulation known to cause irritation.  
 SENSITIZING CAPABILITY OF.....Refer to route of entry.  
 MATERIAL  
 CARCINOGENICITY OF MATERIAL.....Not indicated.  
 MUTAGENICITY OF MATERIAL.....Not available.  
 REPRODUCTIVE EFFECTS.....Risk of abortion in animal.Teratogenic and  
 fetotoxic effects have not been clearly  
 demonstrated in humans.  
 TERATOGENICITY OF MATERIAL.....Refer to route of entry.  
 SYNERGISTIC MATERIALS.....Not available.

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SECTION 07: PREVENTATIVE MEASURES  
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GLOVES/ TYPE.....Wear impervious gloves (in neoprene or  
 rubber).  
 RESPIRATORY/TYPE.....None required under normal use.Use a  
 NIOSH/MSHA approved respirator whenever  
 mist or spray is generated.  
 EYE/TYPE.....Safety glasses with side-shields.  
 FOOTWEAR/TYPE.....Standard work shoes.  
 CLOTHING/TYPE.....Standard work clothes.  
 VENTILATION REQUIREMENTS.....Use adequate local exhaust  
 ventilation.Explosion-proof exhaust  
 ventilation.  
 LEAK/SPILL.....Eliminate all sources of ignition. Wear a

breathing apparatus. Evacuate all non-essential personnel. Follow all applicable fire and explosion precautions during the spill response procedure. Clean up spills immediately. For small spills: Absorb residual material with sand, or other absorbent material. For large spills: Dike area to prevent spreading. Isolate product until disposal.

WASTE DISPOSAL..... In accordance with municipal, provincial and federal regulations. Since emptied container retains product residues all labelled hazard precautions must be observed.

HANDLING PROCEDURES AND EQUIPMENT..... Use adequate ventilation. Keep away from heat, sparks, and open flame. Wear chemical splash goggles, gloves, and protective clothing.

SPECIAL SHIPPING INSTRUCTIONS..... Ship in accordance with applicable Transportation of Dangerous Goods (TDG) regulations. Protect against physical damage.

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SECTION 08: FIRST AID MEASURES  
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EYE CONTACT..... Immediately flush with water for a minimum of 15 minutes holding lids apart to ensure flushing of entire surface. Washing within 1 minute is essential to achieve maximum effectiveness.

INGESTION..... Dilute with large quantities of water or milk. DO NOT induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.

INHALATION..... Remove victim to fresh air. If not breathing qualified personnel should administer artificial respiration. Get medical attention.

SKIN CONTACT..... Remove contaminated clothing. Wash affected area with water and soap. Seek medical attention if irritation occurs or persists.

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SECTION 09: PREPARATION INFORMATION  
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PREPARED BY:..... Regulatory Affairs.  
TELEPHONE NUMBER:..... (905) 459-1140.  
DISCLAIMER2:..... All information, recommendations, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, express or implied, is made by Lepage, Division of Henkel Canada Corporation as to the effects of such use, the results obtained, or the safety and toxicity of the product nor does Lepage, Division of Henkel Canada Corporation assume any liability arising out of use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular

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DATED.....08292001

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