**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

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

**PRODUCT**: MULTI-PURPOSE CONTACT CEMENT

**SECTION 01: PRODUCT INFORMATION**

**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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SECTION 02: HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>%</th>
<th>CAS / TLV</th>
<th>LD/50, ROUTE, SPECIES</th>
<th>LC/50, ROUTE, SPECIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-5</td>
<td>1309-48-4</td>
<td>810 mg/kg oral, mouse</td>
<td>Not available</td>
</tr>
<tr>
<td></td>
<td>PEI-TWA: 15 mg/m3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30-60</td>
<td>64742-49-0</td>
<td>28g/kg oral, rat</td>
<td>Not available</td>
</tr>
<tr>
<td></td>
<td>TLV: 50 ppm TWA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5-10</td>
<td>78-93-3</td>
<td>2.7g/kg oral, rat</td>
<td>23.5g/m3/8hr rat</td>
</tr>
<tr>
<td></td>
<td>PEI-TWA: 200 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10-30</td>
<td>108-88-3</td>
<td>2.6-7.5g/kg oral, rat</td>
<td>8800 ppm, 4hr, rat</td>
</tr>
<tr>
<td></td>
<td>TLV-TWA: 188mg/m3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION 03: PHYSICAL DATA

PHYSICAL STATE: Liquid.
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.

SECTION 04: FIRE & 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 (FMCC).
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: 

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SUBSTANCES:
YES
NO, WHICH ONES? Strong oxidizing agents.

REACTIVITY CONDITIONS?
HAZARDOUS PRODUCTS OF DECOMPOSITION Smoke, Chlorine compounds, Oxides of carbon (CO, CO₂) at high temperatures.

SECTION 06: TOXICOLOGICAL PROPERTIES

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. 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 & ROUTE See hazardous ingredients section (2).
LC 50 OF MATERIAL, SPECIES & ROUTE See hazardous ingredients section (2).

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.

SECTION 07: PREVENTATIVE MEASURES

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.

**SECTION 08: FIRST AID MEASURES**

**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.

**SECTION 09: PREPARATION INFORMATION**

**PREPARED BY:** Regulatory Affairs.
**TELEPHONE NUMBER:** (905) 459-1140.
**DISCLAIMER:** 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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or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

DATED: 08292001

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