



HENKEL CONSUMER ADHESIVES  
50 WEST DRIVE  
BRAMPTON, ONTARIO CANADA L6T 2J4  
(905) 459-1140

**PRODUCT : LEPAGE MULTI-PURPOSE CONTACT CEMENT****SECTION 01: PRODUCT INFORMATION**

MANUFACTURER.....HENKEL CONSUMER ADHESIVES  
50 WEST DRIVE  
BRAMPTON, ONTARIO  
CANADA ; L6T 2J4  
(905) 459-1140  
AFTER HOURS - 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.....LEPAGE MULTI-PURPOSE CONTACT CEMENT

CHEMICAL FAMILY.....CONTACT CEMENT

MATERIAL USE.....WOODWORKING ADHESIVE

**SECTION 02: HAZARDOUS INGREDIENTS**

HAZARDOUS INGREDIENTS	%	EXPOSURE LEVELS	C.A.S. #	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
Solvent naptha (petroleum) , light aliphatic	30-60	TLV: 300ppm 8hrTWA PEL: 500ppm 8hrTWA	64742-89-8	>5g/kg,oral,rat >3.16g/kg,skin, rabbit	Not available
Magnesium oxide	1-5	PEL-TWA: 15 mg/m3	1309-48-4	810 mg/kg oral,mouse	Not availabe
2-Butanone	5-10	PEL-TWA: 200 ppm	78-93-3	2.7g/kg,oral,rat 4.0g/kg,oral,mouse 6.5g/kg,skin,rabbit	23.5g/m3/8hr., rat
Toluene	10-30	TLV-TWA:188mg/m3 PEL-TWA:375mg/m3	108-88-3	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 & EXPLOSION DATA**

FLAMMABILITY.....EXTREMELY FLAMMABLE

IF YES, UNDER WHICH.....Excessive heat, sparks and open flame. Vapours may cause flash fires.

CONDITIONS? 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.....-12 deg C, CC

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

**PRODUCT : LEPAGE MULTI-PURPOSE CONTACT CEMENT****SECTION 05: REACTIVITY DATA****REACTIVITY CONDITIONS ?**

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

**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.  
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

**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.....Use adequate ventilation. Keep away from heat, sparks, and open flame.  
EQUIPMENT  
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

PRODUCT : LEPAGE MULTI-PURPOSE CONTACT CEMENT

## SECTION 09: PREPARATION INFORMATION

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 Henkel Consumer Adhesives as to the effects of such use, the results obtained, or the safety and toxicity of the product nor does Henkel Consumer Adhesives 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 or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

PREPARATION DATE.....JUN 17/2002

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