

MSDS DATA SHEET

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CHEMISTRI 10/03/03
DISPLAY MATERIAL SAFETY DATA SHEET 14:01:35
SCREEN QA06 KEY 0000939429,0000000018
FID#: 00308565 VER-DT: 04/01/92

SECTION 01: CHEMICAL PRODUCT & COMPANY ID

PRODUCT PRIMARY NAME: GASKET ELIM 514

SAFE USE CATEGORY AND DESCRIPTION: 06 -ADHESIVES, SEALERS - GENERAL

LAST UPDATED DATE: 2001-01-18

MANUFACTURER'S ID (MID): 000532988
MANUFACTURER'S NAME: LOCTITE CANADA INC
MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: CA 905-814-6511
CA 905-890-6511
MANUFACTURER'S MAILING ADDRESS:
2225 MEADOWPINE BLVD.
MISSISSAUGA ON L5N7P2

SECTION 1 - OTHER INFORMATION: PRODUCT USE: ADHESIVE/SEALANT. FORMULA
NO.: NOT APPLICABLE. PREPARED BY: STEPHEN REPETTO. TITLE: RESEARCH
CHEMIST; SAFETY, HEALTH AND REGULATORY AFFAIRS.

WHMIS CLASSIFICATION: REGULATED
D2A: POISONOUS AND INFECTIOUS MATERIALS
MATERIALS CAUSING OTHER TOXIC EFFECTS
VERY TOXIC MATERIAL
D2B: POISONOUS AND INFECTIOUS MATERIALS
MATERIALS CAUSING OTHER TOXIC EFFECTS
TOXIC MATERIAL

SECTION 02: COMPOSITION & INGREDIENT INFO

000080159 R 1.0000/ 3.0000% W HYDROPEROXIDE, alpha,alpha-DIMETHY
* LBENZYL-
000081072 R 3.0000/ 5.0000% W 1,2-BENZISOTHIAZOLIN-3-ONE, 1,1-DI
* OXIDE
000107211 R 1.0000/ 3.0000% W ETHYLENE GLYCOL
000613489 R 0.1000/ 1.0000% W Benzenamine, N,N-diethyl-4-methyl-
025852475 R 75.0000/ 80.0000% W Poly(oxy-1,2-ethanediyl), .alpha.-
* (2-methyl-1-oxo-2-propenyl)-.omega
* .-Y(2-methyl-1-oxo-2-propenyl)oxy
* -
051796191 R 5.0000/ 10.0000% W CASTOR OIL DERIVATIVE
112945525 R 1.0000/ 3.0000% W SILICA, AMORPHOUS FUMED

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ENTRY ROUTE INDICATORS:
EYE PRIMARY ENTRY ROUTE INDICATOR = Y
INHALATION PRIMARY ENTRY ROUTE INDICATOR = Y
INGESTION PRIMARY ENTRY ROUTE INDICATOR = Y
PRIMARY ROUTES OF ENTRY TEXT: NONE KNOWN.

EFFECTS OF OVEREXPOSURE - SKIN: IRRITANCY OF PRODUCT AND SENSITIZATION TO PRODUCT: MAY CAUSE DERMATITIS ON PROLONGED CONTACT IN SENSITIVE INDIVIDUALS.

EFFECTS OF OVEREXPOSURE - EYE: EFFECTS OF ACUTE EXPOSURE TO PRODUCT: EYE IRRITANT. TARGET ORGAN AND OTHER HEALTH EFFECTS: ETHYLENE GLYCOL (107-21-1): EYE.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN.

ADDITIONAL HEALTH HAZARD DATA: TARGET ORGAN AND OTHER HEALTH EFFECTS: POLYGLYCOL DIMETHACRYLATE (25852-47-5): ALLERGEN AND IRRITANT; CASTOR OIL DERIVATIVE (51796-19-1): NO DATA; SACCHARIN (81-07-2): NO TARGET SYSTEM, CORROSIVE AND IRRITANT; ETHYLENE GLYCOL (107-21-1): BLOOD, BONE MARROW, CENTRAL NERVOUS SYSTEM, IRRITANT, KIDNEY, LIVER AND METABOLIC; SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE (112945-52-5): NUISANCE DUST; N,N-DIALKYL TOLUIDINES (613-48-9): NO TARGET ORGANS.

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - SKIN: FLUSH WITH WATER.

EMERGENCY FIRST AID PROCEDURES - EYES: FLUSH AT LEAST 15 MINUTES WITH WATER. OBTAIN MEDICAL ATTENTION.

EMERGENCY FIRST AID PROCEDURES - INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, OBTAIN MEDICAL ATTENTION.

EMERGENCY FIRST AID PROCEDURES - INGESTION: DO NOT INDUCE VOMITING. KEEP INDIVIDUAL CALM. OBTAIN MEDICAL ATTENTION.

SECTION 05: FIRE-FIGHTING MEASURES

SPECIAL FIRE FIGHTING PROCEDURES: MEANS OF EXTINCTION: CARBON DIOXIDE, FOAM, DRY CHEMICAL.

NFPA CODES:

NFPA FLAMMABILITY CODE = 1

NFPA HEALTH CODE = 3

NFPA REACTIVITY CODE = 1

AUTO-IGNITION TEXT: NOT AVAILABLE.

FLASH POINT TEMPS: > 200.00F

FLASH POINT METHOD: TCC

FLASH POINT METHOD TEXT: TAG CLOSED CUP.

SECTION 5 - OTHER INFORMATION: NFPA NOT YET DETERMINED. CONDITIONS OF (107-21-1). LOWER FLAMMABLE LIMIT: 3.2% ETHYLENE GLYCOL (107-21-1). HAZARDOUS COMBUSTION PRODUCTS: IRRITATING ORGANIC VAPORS.

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: SOAK UP IN AN INERT ABSORBENT. STORE IN PARTLY FILLED, CLOSED CONTAINER UNTIL DISPOSAL.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: (CONTACT LOCTITE CANADA'S CUSTOMER SERVICE AT 905-814-6511 FOR SHELF LIFE INFORMATION).

HANDLING PROCEDURES AND EQUIPMENT: STORE BELOW 100 DEG. F. SPECIAL

HANDLING INFORMATION: AVOID PROLONGED SKIN CONTACT. KEEP AWAY FROM

SECTION 08: EXPOSURE CONTROLS - PROTECTION

EYE PROTECTION: SAFETY GLASSES OR GOGGLES.

ENGINEERING CONTROLS: VENTILATION: NOT APPLICABLE.

PROTECTIVE GLOVES (SPECIFY TYPE): RUBBER OR PLASTIC GLOVES.

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT TEMPS: > 300.00F

MELTING/FREEZE POINT TEXT: NOT AVAILABLE.

SPECIFIC GRAVITY VALUES: = 1.1000

SPECIFIC GRAVITY TEXT: APPROXIMATELY AT 80 F.

VAPOR DENSITY TEXT: NOT AVAILABLE.

VAPOR PRESSURE TEXT: LESS THAN 5 MM AT 80 F.

EVAPORATION RATE TEXT: NOT AVAILABLE.

PH OF PRODUCT AS RECEIVED (NEAT)/TEXT: NOT APPLICABLE.

APPEARANCE: ORANGE GEL.

ODOR: MILD ODOR.

PHYSICAL STATE: GEL

SECTION 9 - OTHER INFORMATION: VOLATILE ORGANIC COMPOUND (EPA METHOD 24): NOT AVAILABLE. COEFFICIENT OF WATER/OIL DISTRIBUTION: NOT AVAILABLE.

SECTION 10: STABILITY & REACTIVITY

STABILITY - TEXT: CONDITIONS CAUSING CHEMICAL INSTABILITY: NONE.
SUBSTANCES WITH WHICH THE PRODUCT IS UNSTABLE: NONE. CONDITIONS OF REACTIVITY: NONE.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE.

SECTION 10 - OTHER INFORMATION: EXPLOSION DATA: SENSITIVITY TO STATIC DISCHARGE: NOT APPLICABLE.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA UNLIMITED TEXT: CUMENE HYDROPEROXIDE (80-15-9): MUTAGEN. ESTIMATED ORAL LD50 GREATER THAN 5,000 MG/KG. ESTIMATED DERMAL LD50 GREATER THAN 2,000 MG/KG. NAME OF TOXICOLOGICALLY SYNERGISTIC PRODUCTS: NOT AVAILABLE.

CARCINOGENICITY: NTP AND OSHA: POLYGLYCOL DIMETHACRYLATE (25852-47-5), CASTOR OIL DERIVATIVE (51796-19-1), SACCHARIN (81-07-2), CUMENE HYDROPEROXIDE (80-15-9), ETHYLENE GLYCOL (107-21-1), SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE (112945-52-5), N,N-DIALKYL TOLUIDINES (613-48-9): NO. IARC: POLYGLYCOL DIMETHACRYLATE (25852-47-5), CASTOR OIL DERIVATIVE (51796-19-1): NO, SACCHARIN (81-07-2): NOT APPLICABLE, CUMENE HYDROPEROXIDE (80-15-9), ETHYLENE GLYCOL (107-21-1): NO, SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE (112945-52-5): NOT APPLICABLE, N,N-DIALKYL TOLUIDINES (613-48-9): NO.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: BURY OR INCINERATE IN ACCORDANCE WITH CANADIAN AND LOCAL REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

SECTION 14 - OTHER INFORMATION: ICAO/IATA: PROPER SHIPPING NAME: UNRESTRICTED. CLASS OR DIVISION: UNRESTRICTED. UN OR ID NUMBER: NONE.

TDG CLASSIFICATION: NON-REGULATED
TDG SHIPPING NAME: N/R
TDG UN NUMBER: N/R
TDG HAZARD CLASS: N/R

SECTION 15: REGULATORY INFORMATION

SARA 311/312 HAZARD INDICATORS:
IMMEDIATE HEALTH INDICATOR = Y
DELAYED HEALTH INDICATOR = N

SECTION 15 - OTHER INFORMATION: ALL COMPONENTS ARE EITHER ON OR EXEMPT FROM THE TSCA INVENTORY.

*** END OF DATA SHEET ***