


**LOCTITE
CORPORATION**

North American Group

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24Hour Emergency Number:
CHEM-TEL (800) 255-3924

MATERIAL SAFETY DATA SHEET

* ATTN: SAFETY SUPERVISOR
18RTS PACIFIC
ATTN: STEVE
9404 BURTIS ST.
SOUTHGATE CA 90280-3693DATE: 4/14/94
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I. PRODUCT IDENTIFICATION

PRODUCT NAME:
PERMATEX(R) THREAD SEALANT WITH TEFLON* *REG TM OF DUPONT
PART NO.: 14H UPC CODE: (79340)- 80632
14AR 80631
14D 80633
14E 80634
14F 80635
PRODUCT TYPE: SEALANT

II. COMPOSITION

INGREDIENTS	CAS. #	% WT.	ACGIH		OSHA	
			TLV	STEL	PEL	STEL
ISOPROPYL ALCOHOL	67-63-0	35-40	400PPM	500PPM	400PPM	500PPM
TALC	14807-96-6	25-30	2MG/M3+	NONE	2MG/M3+	NONE
VEGETABLE OIL	8001-79-4	20-25	10MG/M3#	10MG/M3++	15MG/M3##	NONE
VINYL RESIN	63148-65-2	10-15	NONE	NONE	NONE	NONE
POLY(TETRAFLUOROETHYLENE)	9002-84-0	1-3	NONE	NONE	NONE	NONE
TITANIUM DIOXIDE	13463-67-7	1-3	10MG/M3###	NONE	15MG/M3###	NONE

TARGET ORGAN AND OTHER HEALTH EFFECTS LITERATURE REFERENCED	CARCINOGEN		
	NTP	IARC	OSHA
ISOPROPYL ALCOHOL	NO	N/A	NO
TALC	NO	N/A	NO
VEGETABLE OIL	NO	NO	NO
VINYL RESIN	NO	NO	NO
POLY(TETRAFLUOROETHYLENE)	NO DATA	N/A	NO
TITANIUM DIOXIDE	NO	NO	NO

ABBREVIATIONS
GAS GASTROINTESTINAL IRR IRRITANT NER NERVOUS SYSTEM
REP REPRODUCTIVE N/A NOT APPLICABLE
MIST
##MIST, DUST 5MG/M3 MIST, RESPIRABLE FRACTION
DUST
+TWA-RESPIRABLE DUST
VOC(EPA METHOD 24) 37.9%
EVAPORATION RATE(ETHER=1) 7.7
++STEL OIL MIST--ACGIH

III. CHEMICAL AND PHYSICAL PROPERTIES

VAPOR PRESSURE : 33 MM @ 68 DEG F
VAPOR DENSITY : 2.07
SOLUBILITY IN WATER : PARTIAL
APPEARANCE : WHITE PASTE
SPECIFIC GRAVITY : 1.12 @ 77 DEG F
BOILING POINT : 180 DEG F
PH : DOES NOT APPLY
ODOR : ALCOHOLIC
EVAPORATION RATE (ETHER=1): NOT AVAILABLE
VOLATILE ORGANIC COMPOUND : 37.9%

METHOD USED : EPA-24

IV. TOXICITY AND HEALTH HAZARD DATA

TOXICITY: EYE IRRITANT. MODERATELY TOXIC BY INGESTION.
CARCINOGENICITY: NTP : N
IARC MONOGRAPHS: N
OSHA REGULATED: N
HMIS HAZARD COMMUNICATION CODES: HEALTH (2) FIRE (3) REACTIVITY (0)
NFPA CODES : HEALTH (2) FIRE (3) REACTIVITY (0)
TLV: SEE SECTION II-COMPOSITION
PRIMARY ROUTES OF ENTRY:
CONTACT, INGESTION, INHALATION
EXISTING CONDITIONS AGGRAVATED BY EXPOSURE:
SKIN, EYE AND RESPIRATORY DISORDERS

PART #:14H

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SYMPTOMS OF OVEREXPOSURE:

VAPOR ABOVE TLV IS IRRITATING TO EYES, NOSE, THROAT AND CAN CAUSE HEADACHE, DIZZINESS AND NAUSEA.

EMERGENCY TREATMENT PROCEDURES:

INGESTION:

DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION.

INHALATION:

REMOVE TO FRESH AIR. CALL PHYSICIAN.

SKIN CONTACT:

WASH THOROUGHLY WITH LARGE QUANTITIES OF WATER

EYE CONTACT:

FLUSH WITH WATER FOR AT LEAST 15 MINUTES AND CONSULT PHYSICIAN.

PERSONAL PROTECTION:

EYES: WEAR SAFETY GLASSES OR GOGGLES.

SKIN: WEAR RUBBER OR PLASTIC GLOVES.

VENTILATION:

SUFFICIENT TO MAINTAIN VAPOR CONCENTRATION BELOW TLV.

V. FLAMMABILITY AND EXPLOSIVE PROPERTIES

FLASH POINT: 60 DEG F METHOD: TAG CLOSED CUP
 EXPLOSIVE LIMITS(% BY VOLUME IN AIR) LOWER: 2.0 % UPPER: 13.0 %
 RECOMMENDED EXTINGUISHING AGENTS: CO2, DRY CHEMICAL, FOAM
 HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION:

TOXIC FLUORIDES

UNUSUAL FIRE OR EXPLOSION HAZARDS:

NONE

COMPRESSED GASES:

NAME: NONE

PRESSURE AT ROOM TEMPERATURE: DOES NOT APPLY

VI. REACTIVITY DATA

STABILITY:

HAZARDOUS POLYMERIZATION: STABLE UNSTABLEHAZARDOUS DECOMPOSITION PRODUCTS(NON-THERMAL): MAY OCCUR WILL NOT OCCUR

NONE KNOWN

INCOMPATIBILITY:

STRONG OXIDIZING AGENTS

VII. SPILL OR LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:

REMOVE SOURCES OF IGNITION. MAINTAIN ADEQUATE VENTILATION. SOAK UP WITH AN INERT ABSORBENT. STORE IN A CLOSED CONTAINER UNTIL DISPOSAL. CLEAN UP WITH ISOPROPYL ALCOHOL.

RECOMMENDED METHODS OF DISPOSAL:

INCINERATE FOLLOWING EPA AND LOCAL REGULATIONS.

CERCLA REPORTABLE QTY(IN LBS.): 100

RCRA HAZARDOUS WASTE NO.: D001

VIII. STORAGE AND HANDLING PROCEDURES

STORAGE: DO NOT STORE NEAR HEAT, SPARKS OR FLAME.

HANDLING: AVOID PROLONGED BREATHING OF VAPORS AND CONTACT WITH EYES.

AVOID PROLONGED SKIN CONTACT

IX. SHIPPING REGULATIONS

DOT TYPE OR CLASS: ORM-D (NOT > 1 QT.); FLAMMABLE LIQUID (> 1 QT.)
 PROPER SHIPPING NAME: CONSUMER COMMODITY (NOT > 1 QT.): RESIN SOLUTION (> 1QT.)

IATA TYPE OR CLASS: CLASS 3, PACKING GROUP II, UN 1866
 PROPER SHIPPING NAME: RESIN SOLUTION

IMCO TYPE OR CLASS:
 PROPER SHIPPING NAME: DANGEROUS GOODS IN LIMITED QUANTITIES OF CLASS 3
 UN #: PAGE: 0134

MARINE POLLUTANT LABEL REQUIRED: N

PREPARED BY: JEAN TOBBE
 TITLE: ENVIR. HEALTH AND SAFETY SPECIALIST
 DATE: 4/13/92
 SUPERSEDES: 2/29/92
 N/A = NOT AVAILABLE
 EST = ESTIMATE
 DNA = DOES NOT APPLY
 UNK = UNKNOWN
 N/E = NOT ESTABLISHED
 Y = YES
 N = NO