LOCTITE CORPORATION
North American Group

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Cleveland, Ohio 44128

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Chemtrec (800) 424-9300

MATERIAL SAFETY DATA SHEET

* ATTN: SAFETY SUPERVISOR
SUSAN

DATE: 3/02/93
PAGE: 1

I. PRODUCT IDENTIFICATION

PRODUCT NAME:
PERMATEX(R) FORM-A GASKET(R) NO 2 SEALANT

PART NO.:	UPC CODE: (79340)-
2B	80010
2A	80009
2AR	80015
2BR	80016
2C	80011
2D	80012
2E	80013
2F	80014
2N	00000

PRODUCT TYPE: SEALANT

II. COMPOSITION

INGREDIENTS	CAS. #	% WT.	ACGIH TLV	ACGIH STEL	OSHA PEL	OSHA STEL
CLAY	1332-58-7	50-55	10MG/M3TWA	NONE	10MG/M3#	N/A
ROSIN	8050-09-7	15-20	NONE	NONE	NONE	N/A
VEGETABLE OIL	68439-93-0	15-20	10MG/M3##	10MG/M3##	15MG/M3###	N/A
ISOPROPYL ALCOHOL	67-63-0	10-15	400PPM TWA	500PPM	400PPM TWA	N/A
SOYBEAN DERIVATIVE	8002-43-5	1-3	NONE	NONE	NONE	N/A

#DUST, 5MG/M3 RESPIRABLE FRACTION
##OIL MIST
###MIST, DUST 5MG/M3MIST, RESPIRABLE FRACTION
VOC(EPA METHOD 24)=14.2%
EVAPORATION RATE(ETHER=1)=7.7

TARGET ORGANS AND OTHER HEALTH EFFECTS

	LITERATURE REFERENCED	CARCINOGEN NTP	IARC	OSHA
CLAY	BLO DEV	NO	NO	NO
ROSIN	ALG LUN	NO	NO	NO
VEGETABLE OIL	NO DATA	NO	NO	NO
ISOPROPYL ALCOHOL	GAS IRR NER REP	NO	N/A	NO
SOYBEAN DERIVATIVE	NO DATA	NO	NO	NO

BLO BLOOD
GAS GASTROINTESTINAL
LUN LUNG
REP REPRODUCTIVE
ALG ALLERGEN
DEV DEVELOPMENTAL
IRR IRRITANT
NER NERVOUS SYSTEM
N/A NOT APPLICABLE

III. CHEMICAL AND PHYSICAL PROPERTIES

VAPOR PRESSURE	: 33 MM @ 68 DEG. F
VAPOR DENSITY	: 2.07
SOLUBILITY IN WATER	: PARTIAL
APPEARANCE	: BLACK PASTE
SPECIFIC GRAVITY	: 1.5 @ 77 DEG. F
BOILING POINT	: 180 DEG. F
PH	: DOES NOT APPLY
ODOR	: ALCOHOLIC
EVAPORATION RATE (ETHER=1)	: N/A
VOLATILE ORGANIC COMPOUND	: N/A

METHOD USED : N/A

IV. TOXICITY AND HEALTH HAZARD DATA

TOXICITY: MODERATELY TOXIC BY INGESTION. EYE IRRITANT
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:
INGESTION, INHALATION, CONTACT
EXISTING CONDITIONS AGGRAVATED BY EXPOSURE:
SKIN, EYE, RESPIRATORY DISORDERS

PART #:2B

SYMPTOMS OF OVEREXPOSURE:
VAPOR ABOVE TLV IS IRRITATION TO EYES, NOSE, THROAT AND CAN CAUSE HEADACHE, DIZZINESS AND NAUSEA.

EMERGENCY TREATMENT PROCEDURES:
INGESTION:
DO NOT INDUCE VOMITING AND GET MEDICAL ATTENTION.
INHALATION:
REMOVE TO FRESH AIR. CALL PHYSICIAN.
SKIN CONTACT:
WASH WITH LARGE QUANTITIES OF SOAP AND 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: 69 DEG F METHOD: TAG CLOSED CUP
EXPLOSIVE LIMITS(% BY VOLUME IN AIR) LOWER: 2.0 % UPPER: 12.0 %
RECOMMENDED EXTINGUISHING AGENTS: CO2, DRY CHEMICAL, FOAM
HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION:
IRRITATING ORGANIC VAPORS
UNUSUAL FIRE OR EXPLOSION HAZARDS:
NONE
COMPRESSED GASES:
NAME: NONE
PRESSURE AT ROOM TEMPERATURE: DOES NOT APPLY

VI. REACTIVITY DATA

STABILITY:
HAZARDOUS POLYMERIZATION: |X| STABLE | | MAY OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS(NON-THERMAL): | | UNSTABLE |X| WILL NOT OCCUR
NONE KNOWN
INCOMPATIBILITY:
STRONG OXIDIZERS

VII. SPILL OR LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:
REMOVE SOURCES OF IGNITION. MAINTAIN ADEQUATE VENTILATION. SCRAPE UP AS MUCH AS POSSIBLE AND STORE IN A CLOSED CONTAINER UNTIL DISPOSAL. RESIDUES MAY BE CLEANED 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 MORE THAN 1 QUART): FLAMMABLE LIQUID (> 1 QT.)
PROPER SHIPPING NAME: CONSUMER COMMODITY (NOT > 1 QUART): RESIN SOLUTION (> 1 QT.)

IATA TYPE OR CLASS: CLASS 3, UN1866 PGII
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: 4/09/92
SUPERSEDES: 3/10/92
N/A = NOT AVAILABLE
EST = ESTIMATE
DNA = DOES NOT APPLY
UNK = UNKNOWN
N/E = NOT ESTABLISHED
Y = YES
N = NO

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ART #:7651205, 765-1206, 765-1207

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:
SCRAPE/WIPE UP AS MUCH AS POSSIBLE & STORE IN CLOSED CONTAINERS. RESI-
DUES MAY BE CLEANED WITH ISOPROPYL ALC. OR 1,1,1-TRICHLOROETHANE. FOR
LGE.QUANTITY SPILLS VENTILATE AREA WELL & ELIMINATE SOURCE OF IGNITION
RECOMMENDED METHODS OF DISPOSAL:
LAND FILL OR INCINERATE FOLLOWING EPA AND LOCAL REGULATIONS
CERCLA REPORTABLE QTY(IN LBS.):
RCRA HAZARDOUS WASTE NO.:

VIII. STORAGE AND HANDLING PROCEDURES

STORAGE: DO NOT STORE NEAR HEAT, SPARKS OR FLAME
HANDLING:AVOID PROLONGED BREATHING OF VAPORS AND CONTACT WITH EYES

IX. SHIPPING REGULATIONS

TYPE OR CLASS DOT: ORM-D
IATA: CLASS 3 FLAMMABLE LIQUID
PER SHIPPING NAME
DOT: CONSUMER COMMODITY
IATA: RESIN SOLUTION, FLAMMABLE, UN 1866

PREPARED BY: KATHRYN A. HOLEN
TITLE: ENVIR. HEALTH AND SAFETY SPECIALIST
DATE: 12/15/88
SUPERSEDES: NEW ISSUE
N/A = NOT APPLICABLE
EST = ESTIMATE
DNA = DOES NOT APPLY
UNK = UNKNOWN
N/E = NOT ESTABLISHED