



Loctite Corporation
Automotive Group

4450 Cranwood Court
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*Transp.
Maint
H.S. AUTO SHOP.*

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ZEELAND, MI

49464

* ATTN: SAFETY SUPERVISOR

MATERIAL SAFETY DATA SHEET

DATE: 1/28/87
PAGE: 1

I. PRODUCT IDENTIFICATION

PRODUCT NAME: PERMATEX (R) AVIATION FORM-A-GASKET(R) SEALANT

PART NO.:	3D	UPC CODE: (79340)-	80017
	3F		80018
	3H		80019

PRODUCT TYPE: SEALANT

II. COMPOSITION

INGREDIENTS	% BY WT.	HAZARD
ISOPROPYL ALCOHOL	20-25	TLV=400 PPM*
TALC	15-20	TLV-TWA=2MG/M3**
MODIFIED NATURAL RESINS	55-60	

* OVEREXPOSURE TO ISOPROPYL ALCOHOL VAPOR MAY IRRITATE EYES, NOSE AND THROAT. LIQUID ISOPROPYL ALCOHOL IS AN EYE IRRITANT AND IS MODERATELY TOXIC BY INGESTION.

** TALC IS A MILD SKIN IRRITANT. TALC HAS BEEN SHOWN TO CAUSE TUMORS IN EXPERIMENTAL ANIMALS WHEN IT IS INJECTED INTO THEIR BODIES. IT IS OUR BEST TECHNICAL JUDGMENT THAT WITH PROPER PRECAUTIONS, NORMAL USE OF THIS PRODUCT POSES NO SUCH HAZARDS.

III. CHEMICAL AND PHYSICAL PROPERTIES

VAPOR PRESSURE: 33 MM @68 DEG. F
VAPOR DENSITY: 2.07
SOLUBILITY IN WATER: PARTIAL
APPEARANCE: DARK BROWN LIQUID

SPECIFIC GRAVITY: 1.1 @ 77 DEG. F
BOILING POINT: 180 DEG. F
PH: DOES NOT APPLY
ODOR: ALCOHOLIC

IV. TOXICITY AND HEALTH HAZARD DATA

TOXICITY:
EYE IRRITANT
MODERATELY TOXIC BY INGESTION

TLV: ISOPROPYL ALCOHOL=400 PPM TWA

38



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PAGE: 2

SYMPTOMS OF OVEREXPOSURE:

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

EMERGENCY TREATMENT PROCEDURES:

INGESTION:

INDUCE VOMITING AND GET MEDICAL ATTENTION

INHALATION:

REMOVE TO FRESH AIR

SKIN CONTACT:

WASH WITH SOAP AND WATER

EYE CONTACT:

FLUSH WITH WATER FOR 15 MINUTES AND CONSULT PHYSICIAN

PERSONAL PROTECTION:

EYES:

SAFETY GLASSES RECOMMENDED FOR LARGE QUANTITIES OR INDUSTRIAL USE.

SKIN:

NONE REQUIRED

VENTILATION:

MUST BE ADEQUATE TO AVOID EXCEEDING TLV.

V. FLAMMABILITY AND EXPLOSIVE PROPERTIES

FLASH POINT: 60 DEG F

METHOD: CLOSED CUP

EXPLOSIVE LIMITS(% BY VOLUME IN AIR) LOWER: 2 % UPPER: 12 %

RECOMMENDED EXTINGUISHING AGENTS: CO₂, DRY CHEMICAL, FOAM

HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION:

CARBON, CARBON MONOXIDE, CARBON DIOXIDE

UNUSUAL FIRE OR EXPLOSION HAZARDS:

NONE

COMPRESSED GASES:

NAME: NONE

PRESSURE AT ROOM TEMPERATURE:

VI. REACTIVITY DATA

STABILITY:

IXI STABLE

II UNSTABLE

HAZARDOUS POLYMERIZATION:

II MAY OCCUR

IXI WILL NOT OCCUR



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PAGE: 3

HAZARDOUS DECOMPOSITION PRODUCTS(NON-THERMAL):
NONE KNOWN

INCOMPATABILITY:
STRONG OXIDIZERS

VII. SPILL OR LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:
SCRAPE OR WIPE UP AS MUCH AS POSSIBLE AND STORE IN CLOSED CONTAINERS.
RESIDUES MAY BE CLEANED WITH ISOPROPYL ALCOHOL OR 1,1,1-TRICHLOROETHANE.
FOR LARGE QUANTITY SPILLS, VENTILATE AREA WELL AND REMOVE SOURCES OF
IGNITION

RECOMMENDED METHODS OF DISPOSAL:
LAND FILL OR INCINERATE FOLLOWING EPA AND LOCAL REGULATIONS

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
PROPER SHIPPING NAME	DOT:	CONSUMER COMMODITY
	IATA:	RESIN SOLUTION, FLAMMABLE, UN1866

PREPARED BY: ROBERT J. CARTER

TITLE: DIR., CONSUMER & TECHNICAL AFFAIRS

DATE: 11/01/85

PERSEDES: NEW ISSUE