



Loctite Corporation
Automotive and Consumer Group

4450 Cranwood Court
Cleveland, Ohio 44128

(216) 475-3600
Toll Free: 1-800-321-9188
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MATERIAL SAFETY DATA SHEET

DATE: 3/08/88
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CARL J. GRIGSBY, DIRECTOR
REORGANIZED SCHOOL DIST. 7
615 INDEPENDENCE
LEE'S SUMMIT MD 64063

* ATTN: SAFETY SUPERVISOR

I. PRODUCT IDENTIFICATION

PRODUCT NAME: PERMATEX LOCK-NUT ADHESIVE

PART NO.: 8A 8VR
UPC CODE: (79380630 80630 80024)

PRODUCT TYPE: ANAEROBIC ADHESIVE

II. COMPOSITION

INGREDIENTS	CAS. #	% BY WT.	HAZARD
POLYGLYCOL DIMETHACRYLATES		60-65	SEE SECTION IV
POLYGLYCOL OLEATES	25852-47-5		
N, N-DIALKYL TOLUIDINE	9004-96-0	25-30	SEE SECTION IV
CUMENE HYDROPEROXIDE *	N/A	< 1	SEE SECTION IV
SACCHARIN **	80-15-9	< 2	SEE SECTION IV
SILICON DIOXIDE ***	81-07-2	3-5	SEE SECTION IV
	7631-86-9	< 2	SEE SECTION IV

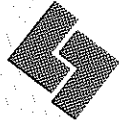
* IN A SINGLE TEST, PURE CUMENE BY HYDROPEROXIDE CAUSED TUMORS IN ONE OF THIRTY EXPERIMENTAL ANIMALS WHEN INJECTED UNDER THE SKIN. IT ALSO CAUSES MUTALCIAL EFFECTS.

** SACCHARIN HAS BEEN SHOWN TO CAUSE TUMORS AND REPRODUCTIVE EFFECTS IN EXPERIMENTAL ANIMALS WHEN FED IN LARGE AMOUNTS FOR PROLONGED PERIODS. IT ALSO CAUSES MUTATION EFFECTS. SACCHARIN IS AN INDEFINITE HUMAN CACINOZEN.

*** INHALATION OF PURE SILICON DIOXIDE DUST HAS BEEN SHOWN TO CAUSE PULMORARY EFFECTS. IN LIGHT OF THE LOW CONCENTRATIONS OF THESE COMPOUNDS IN THE PRODUCT, IT IS OUR BEST TECHNICAL JUDGMENT THAT NORMAL USE OF THIS PRODUCT POSES NO SUCH HAZARDS.

III. CHEMICAL AND PHYSICAL PROPERTIES

VAPOR PRESSURE: < 5 MM @ 80 DEG. F
VAPOR DENSITY: NOT AVAILABLE
SOLUBILITY IN WATER: LOW
APPEARANCE: BLUE LIQUID
SPECIFIC GRAVITY: 1.1 @ 75 DEG. F
BOILING POINT: > 300 DEG. F
PH: DOES NOT APPLY
ODOR: MILDLY PUNGENT



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IV. TOXICITY AND HEALTH HAZARD DATA

TOXICITY:

ORAL LD50 > 5000 MG/KG DERMAL LD 50 > 2000 MG/KG

TLV: NONE ESTABLISHED

SYMPTOMS OF OVEREXPOSURE:

MAY CAUSE DERMATITIS ON PROLONGED CONTACT IN SENSITIVE INDIVIDUALS.

EMERGENCY TREATMENT PROCEDURES:

INGESTION:

DO NOT INDUCE VOMITING. KEEP INDIVIDUAL CALM. OBTAIN MEDICAL ATT.

INHALATION:

REMOVE TO FRESH AIR.

SKIN CONTACT:

FLUSH WITH WATER.

EYE CONTACT:

FLUSH WITH WATER.

PERSONAL PROTECTION:

EYES:

SAFETY GLASSES RECOMMENDED.

SKIN:

RUBBER OR PLASTIC GLOVES RECOMMENDED.

VENTILATION:

NONE NORMALLY NEEDED.

V. FLAMMABILITY AND EXPLOSIVE PROPERTIES

FLASH POINT: >200 DEG. F

METHOD: T.C.C.

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

RECOMMENDED EXTINGUISHING AGENTS: CARBON DIOXIDE, FOAM, DRY CHEMICAL

HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION:

OXIDES OF CARBON

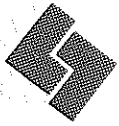
UNUSUAL FIRE OR EXPLOSION HAZARDS:

NONE

COMPRESSED GASES:

NAME: NONE

PRESSURE AT ROOM TEMPERATURE:



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VI. REACTIVITY DATA

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

INCOMPATIBILITY:
MAY ATTACK SOME THERMOPLASTICS.

VII. SPILL OR LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:
SOAK UP IN AN INERT ABSORBENT. STORE IN PARTLY FILLED, CLOSED CONTAINER UNTIL DISPOSABLE.

RECOMMENDED METHODS OF DISPOSAL:
BURN OR INCINERATE IN ACCORDANCE WITH EPA AND LOCAL REGULATIONS.

VIII. STORAGE AND HANDLING PROCEDURES

STORAGE:
STORE BELOW 110 DEG. F TO PRESERVE SHELF LIFE.

HANDLING:
AVOID PROLONGED SKIN CONTACT.

IX. SHIPPING REGULATIONS

TYPE OR CLASS DOT: UNRESTRICTED
 IATA: UNRESTRICTED
PROPER SHIPPING NAME
 DOT:
 IATA:

PREPARED BY: KATHRYN A. HOLEN

TITLE: ENVIR. HEALTH AND SAFETY SPECIALIST

DATE: 11/01/85
SUPERSEDES: NEW ISSUE