

ADH 6587

CHEMTREC TRANSPORTATION EMERGENCY PHONE
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MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION

TRADE NAME: SILAPRENE Adhesive M6587
CHEMICAL NAME: Polyurethane Adhesive

CAS NUMBER: 68400-67-9
CHEMICAL FAMILY: Polyurethane

II. SPECIAL REGULATORY HAZARDS

<u>Ingredient</u>	<u>% by Weight</u>	<u>CAS No.</u>	<u>Exposure Limit</u>	<u>OSHA (1910.1200)</u>	<u>EEC*</u>
Product	NA	NA	NA	Flammable	ND
Acetone	40	67-64-1	750ppm (TWA) 1000ppm (STEL) (OSHA) (ACGIH)	Acute toxicity	ND

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

Methyl Ethyl Ketone	40	78-93-3	200ppm (TWA) 300ppm (STEL) (OSHA) (ACGIH)	Acute toxicity	ND
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TRANSPORTATION: Adhesive; Flammable liquid; UN1133 (DOT) Class 3 PG II

NA = Not Applicable ND = Not Determined

*European Economic Community

III. PHYSICAL DATA

APPEARANCE AND ODOR: Cloudy, white liquid with strong ketone odor

SOLUBILITY: Insoluble in water; Soluble in organic solvents

SPECIFIC GRAVITY (H₂O=1): .860

VAPOR DENSITY (AIR=1): 2.0-2.4

BOILING POINT: 133° F

VOC with acetone : Not to exceed 5.78 lbs./gal. or 693 g/L

VOC without acetone: Not to exceed 5.15 lbs./gal. or 617 g/L

OTHER DATA: Evaporation Rate (ether = 1): 1.9 - 2.7

VAPOR PRESSURE @ 20° C: 400

MELTING POINT: NA

VOLATILITY @ 70° F: 80%

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 0° F (-17.8° C) TCC

AUTOIGNITION TEMP: ND

EXTINGUISHING MEDIA: Foam, CO₂, dry chemical FLAMMABLE LIMITS IN AIR: LEL: 1.8; UEL: 12.8

SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool adjacent surfaces and fire-exposed containers only. Protect against inhalation of combustion products.

UNUSUAL HAZARDS: Flammable liquid

V. REACTIVITY DATA

STABILITY: Stable at ambient temperatures and pressures.

INCOMPATIBILITY: Strong oxidizers, acids, and bases.

DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen under burning conditions.

VI. SPECIAL PROTECTION INFORMATION

ENGINEERING CONTROLS: Local exhaust ventilation is recommended to minimize any vapor exposure.

PERSONAL PROTECTION EQUIPMENT: Avoid all personal contact. Observe good personal hygiene.

Impervious gloves and goggles should be worn when handling. In the absence of adequate ventilation, NIOSH-certified respiratory protection for organic vapor should be used as necessary.

VII. STORAGE, SPILLS, AND DISPOSAL INFORMATION

STORAGE: Store and use away from all sources of direct heat and ignition. Keep containers closed when not in use.

SPILLS: Remove ignition sources. Absorb on inert material. Use non-sparking tools. Transfer into secure containers for proper disposal. Use personal protective equipment as outlined above.

DISPOSAL: As a hazardous waste in accordance with EPA/RCRA regulations 40CFR 261.21 (a) (1) Ignitability: D001.

ENVIRONMENTAL INFORMATION: Environmental effects have not been determined.

VIII. HEALTH RELATED DATA

SPECIFIC HAZARD(S): Exposure to vapor can cause irritation to eyes, lungs, and mucous membranes. Excess exposure can cause dizziness, headache, nausea, and narcosis. Contact with liquid can cause eye and skin irritation and skin defatting.

PRIMARY ROUTE(S) OF ENTRY: Inhalation

FIRST AID PROCEDURES:

<u>Eye Contact:</u>	Flush with water for 15 minutes. Contact physician.
<u>Skin Contact:</u>	Clean with rubbing alcohol, if available, followed by soap and water.
<u>Inhalation:</u>	Remove to fresh air. Administer oxygen or artificial respiration, if necessary. Contact physician.
<u>Ingestion:</u>	Contact physician.

TOXICOLOGY INFORMATION: There is no toxicity data on this product. The specific hazards described are associated with solvents.

Although the information and recommendations set forth in this MSDS are presented in good faith and are believed to be correct as of the date of this MSDS, Uniroyal Adhesives & Sealants makes no representations as to the completeness or accuracy thereof. Information is supplied on the condition that the persons receiving and using it will make their own determination as to the suitability for their purpose prior to use. In no event will Uniroyal Adhesives & Sealants or any affiliate thereof be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in the MSDS.

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