

Item # 29187



PERMATEX INDUSTRIAL  
A Division of Loctite Corporation  
P.O. Box 11915  
705 N. Mountain Road  
Newington, CT 06111  
(203) 527-5211

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Product Name SECURES GEARST<sup>TM</sup> ADHESIVE Item No. 80424, 25, 26  
Product Type Anaerobic Part No. 80424, 25, 26

II. COMPOSITION

<u>Ingredients</u>	<u>% by Wt.</u>	<u>Hazard</u>
Polyglycol Dimethacrylates	60-65	See Section IV. ↓
Hydroxyalkyl Methacrylate	15-20	
Coumarone-Indene Resin	5-10	
Poly (ethyl methacrylate)	4-6	
Cumene Hydroperoxide*	2-3	
Saccharin**	<2	
N,N-Dialkyltoluidines	<1	

\*In a single test, pure cumene hydroperoxide caused tumors in one of thirty experimental animals when injected under the skin. \*\*Saccharin has been shown to cause tumors in experimental animals when fed in large amounts for prolonged periods. In light of the low concentration of these components in the product, it is our best technical judgment that normal use of this product poses no such hazards. These warnings are present only to comply with OSHA regulations.

III. CHEMICAL AND PHYSICAL PROPERTIES

Vapor Pressure <u>&lt; 5 mm at 80°F</u>	Specific Gravity <u>1.1 at 80°F</u>
Vapor Density <u>Not available</u>	Boiling Point <u>&gt; 300°F</u>
Solubility in Water <u>Slight</u>	pH <u>Does not apply</u>
Appearance <u>Yellow liquid</u>	Odor <u>Mild</u>

IV. TOXICITY AND HEALTH HAZARD

Toxicity  
 Oral LD 50 > 5000 mg/kg TLV Not available  
 Dermal LD 50 > 2000 mg/kg  
 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 attention.  
 Inhalation: Does not apply.  
 Skin Contact: Flush with water.  
 Eye Contact: Flush with water.

Personal Protection  
 Eyes: Safety glasses recommended.  
 Skin: Rubber or plastic gloves recommended.  
 Ventilation: Not normally necessary.

Everett Industrial Supply, Inc.  
2201 Pacific — P. O. Box 100  
Everett, Washington 98201  
Everett 433-1111  
Toll Free 1-800-624-1

SECURES GEARS™ ADHESIVE

V. FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flash point > 200°F Method TCC  
Explosive Limits (% by volume in air) Lower dn % Upper dn %  
Recommended Extinguishing Agents CO2, Foam, Dry Chemical  
Hazardous Products Formed by Fire or Thermal Decomposition: Irritating organic vapors.  
Unusual Fire or Explosion Hazards: None  
Compressed Gasses Name None  
Pressure at Room Temperature \_\_\_\_\_

VI. REACTIVITY DATA

Stability  Stable  Unstable  
Hazardous Polymerization  May Occur  Will Not Occur  
Hazardous Decomposition Products (non-thermal)  
None  
Incompatibility None

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 disposal.  
Recommended methods of disposal: Bury or incinerate in accordance with EPA and local regulations.

VIII. STORAGE AND HANDLING PROCEDURES

Storage: Store below 110°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: Martin Hauser  
Title: Vice President - Environmental Health & Safety  
Date: October 1, 1985

