

**MATERIAL SAFETY DATA SHEET**

**Company Name:** LOCTITE CORPORATION  
**Address:** NORTH AMERICAN GROUP 1001 TROUT BROOK  
 CROSN  
**City / State / Zip:** ROCKY HILL / CT / 06067  
**US-CHEMTREC Phone(I):** (800)424-9300  
**US-CHEMTREC Phone(II):** (703)527-3887  
**CAN-CANUTEC Phone:** (613)996-6666  
**Vendor Update:** 1/22/1996  
**Date Prepared:** 4/4/2002  
**MSDS Number:** 28654 ;

**I. CHEMICAL PRODUCT IDENTIFICATION**

**Product Name:** Adhesive for Form A Thread Kit  
**HMIS Ratings:**  
 Health: Minimal(0)  
 Flammability: Minimal(0)  
 Instability/Reactivity: Minimal(0)  
**NFPA Ratings:**  
 Health: Minimal(0)  
 Flammability: Minimal(0)  
 Instability/Reactivity: Minimal(0)

**II. COMPOSITION, INFORMATION ON INGREDIENTS**

<b>Chemical Ingredients</b>	<b>C.A.S. Number</b>	<b>% By Weight</b>	<b>ACGIH TLV TWA/STEL</b>	<b>OSHA PEL TWA/STEL</b>	<b>Other TWA/STEL</b>	<b>LD50</b>	<b>LC50</b>
Aromatic Dimethacrylate Ester	24448-20-2	35-40					
<b>Notes</b>							
Glass	65997-17-3	25-30					
<b>Notes</b>							
Aluminum (Metal)	7429-90-5	20-25	10 mg/m <sup>3</sup> DUST	15 mg/m <sup>3</sup> Dust 5 mg/m <sup>3</sup> Respirable			
<b>Notes</b>							
Acrylic Acid	79-10-7	3-5	2 ppm Skin; 5.9 mg/m <sup>3</sup> Skin	10 ppm Skin; 30 mg/m <sup>3</sup> Skin	1 ppm Skin		
<b>Notes</b>	THIS COMPONENT IS LISTED AS A SARA SECTION 313 TOXIC CHEMICAL.						
Heterocyclic Methacrylate	2455-24-5	1-3					
<b>Notes</b>							
Silica, Amorphous (Fumed)	7631-86-9	1-3	10 mg/m <sup>3</sup>	6 mg/m <sup>3</sup>			
<b>Notes</b>							
1-Acetyl- 2-Phenylhydrazine	114-83-0	0.1-1					
<b>Notes</b>							
Cumene Hydroperoxide	80-15-9	0.1-1					
<b>Notes</b>	THIS COMPONENT IS LISTED AS A SARA SECTION 313 TOXIC CHEMICAL.						
2,6- Di-tert-Butyl-p-Cresol	128-37-0	0.1-0.5			10 mg/m <sup>3</sup>		
<b>Notes</b>							

**III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY**

<b>Signs and Symptoms of Exposure:</b>	Irritation of eyes, skin, nose or throat. May cause dermatitis on prolonged contact in sensitive individuals.
<b>Other:</b>	None of the ingredients listed are a carcinogen per NTP, IARC, OSHA. OTHER HEALTH EFFECTS: Aromatic Dimethacrylate Ester: Allergen, Irritant Aluminum: Irritant, Lung Acrylic Acid: Allergen, Corrosive, Irritant Heterocyclic methacrylate: Allergen, Irritant Silica, Amorphous (Fumed): Nuisance dust 1-Acetyl 2-phenylhydrazine: Allergen Cumene Hydroperoxide: Allergen, Central Nervous System, Corrosive, Irritant, Mutagen 2,6 DI-tert-Butyl-p-Cresol: Irritant, Mutagen

#### IV. FIRST AID MEASURES

<b>Eyes:</b>	Flush at least 15 minutes with water. Obtain medical attention.
<b>Skin:</b>	Wash with soap and water.
<b>Ingestion:</b>	Do not induce vomiting. Keep individual calm. Obtain medical attention.
<b>Inhalation:</b>	Remove to fresh air. If symptoms persist, obtain medical attention.

#### V. FIRE FIGHTING MEASURES

<b>Flash Point:</b>	> 200°F
<b>Test Method:</b>	Tag Closed Cup
<b>Lower Flammability Limit:</b>	2% Acrylic Acid; 30% Aluminum (Metal)
<b>Upper Flammability Limit:</b>	8% Acrylic Acid; Unknown Aluminum (Metal)
<b>Extinguishing Agents:</b>	Carbon dioxide, foam, dry chemical
<b>Unusual Fire or Explosion Hazards:</b>	If ignited, burns with unusual heat evolution. In a fire, reaction with water is possible.

#### VI. ACCIDENTAL RELEASE MEASURES

<b>Containment/Cleanup:</b>	Soak up with an inert absorbent. Store in a partly filled, closed container until disposal.
-----------------------------	---

#### VII. HANDLING AND STORAGE

<b>Other:</b>	Store below 100°F HANDLING: Avoid prolonged skin contact. Keep away from eyes. Avoid breathing of vapors.
---------------	--

#### VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Eyes:</b>	Safety glasses or goggles.
<b>Skin:</b>	Rubber or plastic gloves.
<b>Engineering:</b>	Sufficient to maintain vapor concentration below TLV.

#### IX. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Grey liquid
--------------------	-------------

<b>Boiling Point:</b>	>300°F
<b>pH:</b>	Does not apply
<b>Solubility in Water:</b>	Low
<b>Specific Gravity:</b>	1.57
<b>Vapor Pressure:</b>	<5 mm@80°C
<b>Vapor Density:</b>	N/A
<b>Volatile Content:</b>	9.9%

#### X. STABILITY AND REACTIVITY

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Hazardous Decomposition** None

**Products:**

**Incompatible Products:** None

#### XI. TOXICOLOGICAL INFORMATION

**Other:** Liquid is an eye and skin irritant. Vapors may irritate eye, nose and throat. Estimated oral LD50: >5000 mg/kg. Estimated dermal LD50: >2000 mg/kg.

#### XII. ECOLOGICAL INFORMATION

**Other:** No data available

#### XIII. DISPOSAL CONSIDERATIONS

**Disposal Method:** Incinerate following EPA and local regulations.

**RCRA Class:** NH, Not a RCRA Hazardous Water Material

#### XIV. TRANSPORT INFORMATION

**D.O.T. Shipping Name:** Unrestricted

**D.O.T. Hazard Class:** Unrestricted

**Other:** IATA PROPER SHIPPING NAME: Unrestricted  
CLASS OR DIVISION: Unrestricted

#### XV. REGULATORY INFORMATION

**California:** PROP 65 WARNING: No Prop 65 chemicals are known to be present.

#### XVI. OTHER INFORMATION

##### WARRANTY INFORMATION

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.