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## MATERIAL SAFETY DATA SHEET

21TL, 22TL, 41TL, 42TL, 43TL, 62TL, 71TL, 72TL, 77TL, 90TL  
THREADLOCKERS

EMERGENCY PHONE 336-764-5232

### 1. GENERAL INFORMATION

PRODUCT NAME:	Threadlockers
CHEMICAL NAME:	ANAEROBIC COMPOSITION
GENERAL DESCRIPTION:	Methacrylate Esters
HMIS CODE:	HEALTH 1 FLAMMABILITY 1 REACTIVITY 1

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### 2. COMPOSITION:

INGREDIENT:	Tetra Ethylene Glycol Di Methacrylate	65%
	Saccharin	.5 – 4.0%
	NN Di Alkyltoluidine	1%
	Cumene Hydroperoxide	3.5%
	Polyester Resin	30%

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### 3. CHEMICAL AND PHYSICAL PROPERTIES:

APPEARANCE:	Medium Viscosity
ODOR	Mild Organic Odor
SPECIFIC GRAVITY:	1.10 – 1.15
BOILING POINT	>400°F
SOLUBILITY IN WATER	Insoluble
VAPOR DENSITY:	1.01
VAPOR PRESSURE:	.01 (mm Hg)
PERCENT VOLATILE:	<1%

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### 4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	>212 C.O.C. Method
FLAMMABLE LIMITS:	LEL = N/A UEL = N/A
EXTINGUISHING MEDIA	Carbon Dioxide, dry chemicals, water
SPECIAL FIRE FIGHTING PROCEDURES:	None
UNUSAL FIRE & EXPLOSION HAZARDS:	None

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### 5. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	No criteria for measurement
EFFECTS OF OVEREXPOSURE:	Prolong skin contact may result in Dermatitis in sensitive persons. Will irritate eyes on contact. Wash with soap and water for skin contact. For eye contact flush with plenty of water.
FOR INGESTION:	DO NOT induce vomiting. Contact a physician.

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**6. REACTIVITY DATA**

<b>STABILITY:</b>	Stable
<b>CONDITIONS TO AVOID:</b>	Strong reducing agent or heat exposure
<b>INCOMPATIBILITY:</b>	Avoid Contamination
<b>HAZARDOUS DECOMPOSITION:</b>	None
<b>HAZARDOUS POLYMERIZATION:</b>	May occur
<b>CONDITIONS TO AVOID:</b>	Temperatures in excess of 150°F

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**7. SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Soak up with absorbent

**WATER DISPOSAL METHOD:** Bury or incinerate in accordance with EPA Federal, state and local regulations.

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**8. SPECIAL PROTECTION INFORMATION**

<b>RESPIRATORY:</b>	None needed for normal use
<b>VENTILATION:</b>	Adequate in-plant air movement is sufficient
<b>GLOVES:</b>	Polyethylene gloves
<b>EYE:</b>	Safety glasses
<b>OTHER PROTECTIVE EQUIPMENT</b>	Barrier Cream Recommended

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**9. SPECIAL PRECAUTIONS**

**STORE IN A COOL, DRY PLACE, OUT OF DIRECT SUNLIGHT.  
KEEP AWAY FROM CHILDREN**