



MATERIAL SAFETY DATA SHEET

2701-50 Thread Locker

1. Product Identification

Product Name : Thread Locker
Item No. : 2701-50
Product Type : Anaerobic

2. Composition

<u>Ingredients</u>	<u>CAS No.</u>	<u>%</u>	<u>Threshold Limit Value</u>
Polyglycol Dimethacrylate	25852-47-5	65-70	None
Bisphenol A Fumarate Resin	39382-25-7	25-30	None
Saccharin	81-07-2	3-5	None
Cumene hydroperoxide	80-15-9	1-3	None
N, N-Dialkyltoluidines	Proprietary	1-3	None

3. Hazards Identification

Primary Routes of Entry : Eye, skin contact
Potential Routes of Entry : Skin, eyes, inhalation
Symptoms of Overexposure : Possible skin and eye irritation on contact.
Inhalation of vapors in an unventilated area may, over time, induce headaches.

4. First Aid Measures

Eye Irritation : Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Skin Contact : In case of skin contact, wash thoroughly with soap and water. Do not use organic solvents for cleanup as they may dry or irritate the skin and act as a carrier for chemical absorption.
Inhalation : Remove affected person to fresh air.
Ingestion : Low toxicity. Get medical attention.

5. Fire Fighting Measures

Flash Point : > 93°C
Autoignition temperature : Not available
Flammable/Explosive limits-lower % : Not available
Flammable/Explosive limits-upper % : Not available
Recommended Extinguishing Agents : Use carbon dioxide, foam, dry chemical
Hazardous combustion products : Oxides of carbon, Oxides of sulfur, Oxides of nitrogen, Toxic fumes, Irritating organic vapors
Unusual Fire or Explosion Hazards : None
Compressed Gasses : None
Pressure at Room Temp : N.A.



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6. Accidental Release Measures

Environmental Precautions : Prevent product from entering drains or open waters.

Clean-up methods : Absorb on vermiculite, sand or other inert absorbing material. Store in a partly filled, closed container until disposal.

7. Handling and Storage

Safe Storage : Store in a cool, dry location at a temperature between 10°C to 25°C.

Handling : Avoid prolonged skin contact. Keep away from eyes. Avoid breathing vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.

8. Exposure Controls / Personal Protection

Engineering controls : No specific ventilation requirements noted, but forced ventilation may still be required if concentrations exceed occupational exposure limits.

Respiratory : Positive fresh air exhaust should be provided in the work area; Respiratory equipment is unnecessary in normal use.

Skin : Avoid skin contact. Wear gloves and impervious protective clothing if frequent direct contact is likely.

Eyes : Do not wear contact lenses. Chemical safety goggles are recommended.

9. Physical and Chemical Properties

Vapor Pressure : 5 mm Hg @ 27°C

Solubility in Water : Insoluble

Boiling Point : N.A.

Odor : Mild

Vapor Density : Heavier Than Air

Specific Gravity : 1.10 @ 22°C

Appearance : Blue Liquid

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10. Stability and Reactivity

Stability : Stable

Hazardous Polymerization : Will not occur

Incompatibility : Strong oxidizers, free radical initiators, inert gases.

Conditions to Avoid : Not available Hazardous Decomposition

11. Toxicological Information

Product toxicity data : Acute oral LD50 greater than 5000 mg / kg (rat).

Acute LD50 (dermal) : More than 2000mg / kg (rabbit).



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<u>Ingredients</u>	<u>Literature Referenced</u>	<u>Carcinogen</u>
	<u>Target Organ and Other Health Effects</u>	<u>IARC</u>
Polyglycol Dimethacrylate	Allergen, Irritant	No
Bisphenol A Fumarate Resin	Irritant	No
Saccharin	NO	N/A
Cumene hydroperoxide	Allergen, Central nervous system, Corrosive, Irritant, Mutagen	No
N, N-Dialkyltoluidines	Allergen, Irritant	No

12. Ecological Information

Ecological information : Not available

13. Disposal Considerations

Dispose of as a chemical waste in accordance with current local, state, and federal regulations.

14. Transport Information

DOT and IATA Hazard Classification : Not Restricted Article
Proper DOT Shipping Name : Unrestricted
Identification Number : DOT - None IATA - None

15. Regulatory Information

** None **

16. Other Information

** NONE **

Abbreviations :

IARC = International Agency for Research on Cancer
--/N.A. = No Data / Not Available