

# MATERIAL SAFETY DATA SHEET

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Rev 1

Date: 02/18/05

## Section 1

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For Chemical Emergency Only

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## HAZARD RATING (HMIS)

### I. PRODUCT IDENTIFICATION: Z-71 Red Threadlocker (PT71)

Health = 2	Equip.
Flammability = 1	safety glasses
Reactivity = 1	gloves

### II. COMPOSITION

INGREDIENTS	CONCENTRATION%	C.A.S.#	ACGIH TLV
Dimethacrylate ester	65-75	25852-47-5	---
Bisphenol A fumarate resin	20-30	39382-25-7	---
Saccharin	1-3	81-07-2	---
Cumene Hydroperoxide*	1-3	80-15-9	---
Organic Acid	0.1-1.0	Trade Secret	---
Dyes	0.03-0.1	Trade Secret	---

\*SARA Section 313 Toxic Chemicals

### III. CHEMICAL AND PHYSICAL PROPERTIES

Vapor Pressure: <5mmHg @ 25C	Vapor Density: Heavier than Air
Solubility in water: slight	Specific Gravity: 1.1 approx.
Boiling point: >150C	Appearance: red
Odor: mild	pH: N/A

### IV. FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flashpoint (T.C.C.): >200F

Recommended Extinguishing Agents: Water, foam, dry chemical or CO<sub>2</sub>

Hazardous Products Formed by Fire or Thermal Decomposition: Toxic fumes of carbon oxides may evolve upon exposure to heat or open flame.

Unusual Fire or Explosive Hazards: none

Compressed gases: none

Solvents: none

Pressure at 23C: N/A

### V. REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: None known

Incompatibility: metal salts, heat, and amines

### VI. SPILL OR LEAK PROCEDURES

Dike area to prevent spreading. Absorb on vermiculite, sand or other inert absorbing material. Dispose of as a chemical waste in accordance with current local, state, and federal regulations.

### VII. STORAGE AND HANDLING PROCEDURES

Storage: Avoid storage over 100F and exposure to direct sunlight.

Handling: Avoid prolonged skin contact. Keep away from eyes.

### VIII. SHIPPING REGULATIONS

DOT and IATA Hazard Classification: Unrestricted Articles

Proper DOT Shipping Name: N/A

**IX. EMERGENCY TREATMENT**

Eye Irritation: Immediately flush eyes with water for at least 15 minutes. Get medical attention.

Skin Contact: Wash thoroughly with soap and water. Do not use organic solvents on skin.

Inhalation: Not considered likely. Remove person to fresh air.

Ingestion: Do not induce vomiting. Get medical attention.

**X. PERSONAL PROTECTION**

Respiratory: Use proper positive airflow ventilation in work areas.

Skin: Avoid skin contact, wear impervious gloves and protective clothing if in direct contact with material. Disposable polyethylene gloves with vinyl latex overgloves will give protection.

Eyes: Wear safety goggles or side shield safety glasses.

**XI. HEALTH HAZARD DATA**

Hazard Categories: immediate X                      Delayed X                      fire                      pressure                      reactivity

Potential Routes of Entry: skin X                      inhalation                      ingestion X

Symptoms of Overexposure: Possible skin and eye irritation on contact is likely.

Sara Listed Ingredients: Cumene Hydroperoxide

**XII. PREPARATION INFORMATION**

Original Issue Date: 01/12/04

Current Revision Date: 02/18/05

PREPARED BY: Mary K. Robles

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