

Section 1

MRO Solutions L.L.C.
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For Chemical Emergency Only

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HMIS CODES: H F R P
2 1 1

**I. PRODUCT IDENTIFICATION: SOLUTION 11 - HIGH STRENGTH RED
THREADLOCKER**

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 CO₂
 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 HMIS, NFPA HEALTH HAZARD: 1

Hazard Categories: immediate pressure	X	reactivity	Delayed	X	fire
Potential Routes of Entry: skin	X	inhalation	ingestion	X	
Symptoms of Overexposure: Possible skin and eye irritation on contact is likely.					

Exposure limits: Ingredients	ACGIH	OSHA	OTHER
		Target organs	Carcinogen
		NTP IARC OSHA	
Saccharin, Carcinogen	Yes	2B No	

Saccharin has been shown to cause tumors in experimental animals when fed in large amounts for prolonged periods of time.

Sara Listed Ingredients: Cumene Hydroperoxide

XII. PREPARATION INFORMATION

PREPARED BY: PTI

The data contained herein is based upon information that mro Solutions L.L.C. believes to be reliable. Users of this product have the responsibility to determine the suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.