MATERIAL SAFETY DATA SHEET

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Section 1 For Chemical Emergency Only

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I. PRODUCT IDENTIFICATION: Z-42 Thread Locker

II. COMPOSITION

INGREDIENTS	CONCENTRATION%	C.A.S.#	ACGIH TLV
Polyglycol Dimethacrylate	60-70	Proprietary	
Polyglycol Oleate	20-25	Proprietary	
Poly(Tetrafluoroethylene)	5-10	9002-84-0	
Modified Silicon Dioxide	3-5	112945-52-5	
Saccharin	0.1-1.0	81-07-2	
Organic Peroxide*	1-3	80-15-9	
Maleic Acid	0.1-1.0	110-16-7	
N,N,Dialkyltoluidine	0.2-0.6	99-97-8	Not est.
Titanium Dioxide	0.1-0.5	13463-67-	
*SARA Section 313 Toxic Chem	ical		

III. CHEMICAL AND PHYSICAL PROPERTIES

Vapor Pressure: >0.1mmHg @ 25C Vapor Density: Heavier than Air

Solubility in water: N/A Specific Gravity: 1.08
Boiling point: >300F Appearance: blue
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: Active metal ions, heat

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

Avoid exposure to light, heat, loss of dissolved air, contamination with incompatible materials such as copper or iron dust or material.

Handling: none

VII. 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: does not apply

Ingestion: Get medical attention, low toxicity

X. PERSONAL PROTECTION

Respiratory: not normally necessary

Skin: Avoid skin contact, wear 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.

Exposure limits: ACGIH OSHA OTHER

Ingredients

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.

<u>CA Proposition 65:</u> This product contains Saccharin. No Prop 65 hazard warning is necessary if this product is used as reasonably anticipated.

Sara Listed Ingredients: Organic Peroxide

XII. PREPARATION INFORMATION

Original Issue Date: 3/26/96 Revision #2: 06/13/01

Current Revision 3: 02/18/05 PREPARED BY: Mary K. Robles

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