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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** HIGH TEMPERATURE SLEEVE RETAINER 1 L.  
**Item No:** 64001  
**Product Type:** Anaerobic

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH TLV: TWA	OSHA PEL:
DIMETHACRYLATE ESTER 27813-02-1	30-40	Not listed	Not Listed
POLYURETHANE METHACRYLATE RESIN 68400-67-9	5-20	Not listed	Not Listed
ACRYLIC ACID 79-10-7	<10	2 ppm TWA	10 ppm TWA; 30 mg/m <sup>3</sup> TWA
DIMETHYLBENZYL HYDROPEROXIDE 80-15-9	<3	Not listed	Not Listed
AROMATIC AMINE 609-72-3	<1	Not listed	Not Listed
ALKYL TOLUIDINE 613-48-9	<1	Not listed	Not Listed

### 3. HAZARDS IDENTIFICATION

**Toxicity:** May cause eye and skin irritation. May cause nose, throat and respiratory irritation. Ingestion may irritate digestive tract and cause nausea, vomiting and diarrhea. High concentrations may cause central nervous system (CNS) depression. May cause skin sensitization.

**Primary Routes of Entry:** Eye and skin contact, ingestion, inhalation

**Signs and Symptoms of Exposure:** May cause redness to eyes and irritation to nasal passages. Repeated skin contact may cause allergic skin reactions. Ingestion may cause nausea and vomiting. Inhalation overexposure may cause irritation, coughing and flu-like symptoms.

Component	Weight%	NTP	ACGIH Carcinogens	IARC
ACRYLIC ACID 79-10-7	<10		A4 - Not Classifiable as a Human Carcinogen	Group 3 Monograph 71, 1999; Supplement 7, 1987; Monograph 19, 1979

**Medical Conditions Recognized as Being Aggravated by Exposure:** Preexisting pulmonary and dermatological disorders.

### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Obtain medical attention.

**Skin Contact:** Wash off with soap and water. If skin irritation persists, call a physician.

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

### 5. FIRE FIGHTING MEASURES

**Flash Point (°F/C):** >200°F TCC

**Recommended Extinguishing Media:** Water fog, carbon dioxide, foam, dry chemical.

**Special Fire-Fighting Procedures:** Firefighters should wear self-contained breathing apparatus.

**Hazardous Products of Combustion:** Oxides of carbon

**Unusual Fire/Explosion Hazards:** None.

**Lower Explosive Limit:** Not determined

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## **5. FIRE FIGHTING MEASURES**

**Upper Explosive Limit:** Not determined

## **6. ACCIDENTAL RELEASE MEASURES**

**Spill Procedures:** Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

## **7. HANDLING AND STORAGE**

**Storage:** Store below 100 degrees F.

**Handling:** Avoid prolonged skin contact. Keep away from eyes. Do not inhale vapors.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Eyes:** Safety glasses.

**Skin:** Rubber or plastic gloves.

**Ventilation:** General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.

**Respiratory Protection:** An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Green liquid

**Odor:** IRRITATING

**Boiling Point:** Not determined

**pH:** Does not apply

**Solubility in Water:** Slight

**Specific Gravity:** 1.1

**VOC Content(Wt.%):** <2%

**Vapor Pressure:** <10 mm Hg @ 25°C

**Vapor Density (Air=1):** Heavier than air

**Evaporation Rate:** Not Determined

## **10. STABILITY AND REACTIVITY**

**Chemical Stability:** Stable at normal conditions

**Hazardous Polymerization:** WILL NOT OCCUR.

**Incompatibilities:** Strong oxidizers, free radical initiators, inert gases

**Conditions to Avoid:** Heat.

**Hazardous Products of Combustion:** Oxides of carbon

## **11. TOXICOLOGICAL INFORMATION**

See Section 3

## **12. ECOLOGICAL INFORMATION**

No data available

## **13. DISPOSAL CONSIDERATIONS**

**Recommended Method of Disposal:** Disposal should be made in accordance with federal, state and local regulations.

**US EPA Waste Number:** NH - Not a RCRA Hazardous Waste Material

## **14. TRANSPORTATION INFORMATION**

**DOT (49CFR 172)**

### **Domestic Ground Transport**

**DOT Shipping Name:** Unrestricted

**Hazard Class:** None

**UN/ID Number:** None

**Marine Pollutant:** None

### **IATA**

**Proper Shipping Name:** Not regulated

**Class or Division:** None

**UN/ID Number:** None

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**IMDG**

**Proper Shipping:** Unrestricted  
**Hazard Class:** None  
**UN Number:** None

**15. REGULATORY INFORMATION**

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.

ACRYLIC ACID, DIMETHYLBENZYL HYDROPEROXIDE

**CALIFORNIA PROP 65:**

No California Prop 65 chemicals are known to be present.

**TSCA Inventory Status:**

**Listed on Inventory:** **YES** All components of this product are listed (or exempt) on the EPA TSCA inventory.

**16. OTHER INFORMATION**

**Estimated NFPA Rating:** HEALTH 2, FLAMMABILITY 1, REACTIVITY 1.

**Estimated HMIS Classification:** HEALTH 2, FLAMMABILILTY 1, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

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