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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: HIGH STRENGTH THREADLOCKER RED 6ML
Item No: 27100
Product Type: Anaerobic

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH TLV: TWA	OSHA PEL:
POLYGLYCOL DIMETHACRYLATE 25852-47-5	60-80	Not Listed	Not Listed
POLYESTER RESIN MIXTURE	20-40	Not Listed	Not Listed
DIMETHYLBENZYL HYDROPEROXIDE 80-15-9	<3	Not Listed	Not Listed
SACCHARIN 81-07-2	0.5-2.0	10mg/m ³ nuisance dust	Not Listed

3. HAZARDS IDENTIFICATION

Toxicity: At elevated temperatures may cause irritation of the respiratory tract. Irritates mucous membranes. Ingestion may irritate digestive tract and cause nausea, vomiting and diarrhea. High concentrations may cause central nervous system (CNS) depression. May cause eye and skin irritation. May cause skin sensitization. Note: This product does not contain microcrystalline silica.

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

Signs and Symptoms of Exposure: Repeated skin contact may cause allergic skin reactions. Skin redness. Ingestion may cause nausea and vomiting. Inhalation overexposure may cause irritation, coughing and flu-like symptoms. May cause pain, redness or swelling of the eyes and excessive blinking and tear production.

Component	Weight%	NTP	ACGIH Carcinogens	IARC
SACCHARIN 81-07-2	0.5-2.0	Delisted April 2000		Group 3: Vol 73, Page 517: 1999

Medical Conditions Recognized as Being Aggravated by Exposure: Preexisting skin 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. 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°C
Recommended Extinguishing Media: Dry chemical, Carbon dioxide, foam
Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.
Hazardous Products of Combustion: Oxides of carbon
Unusual Fire/Explosion Hazards: Closed containers may rupture or explode when exposed to extreme heat. May polymerize exothermically.

Lower Explosive Limit: Not determined
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 away from heat. Store away from water or moisture. Protect from contamination. Keep containers tightly closed in a cool, well-ventilated place.

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

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: Red liquid

Odor: MILD

Boiling Point: >150°C

pH: Does not apply

Solubility in Water: Insoluble

Specific Gravity: 1.1

VOC Content(Wt.%): <2% by weight

Vapor Pressure: Not determined

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, Peroxides, Reducing agents, Oxygen scavengers

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/NA Number: None

Product Name: HIGH STRENGTH THREADLOCKER
RED 6ML

Item No: 27100

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.

DIMETHYLBENZYL HYDROPEROXIDE

CALIFORNIA PROP 65:

No California Prop 65 chemicals are known to be present at or above the No Significant Risk Level.

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, FLAMMABILITY 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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