

View Section : 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16**SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION**

(N/A)

Product Name: **Permanent Strength Threadlocker Red 250ML**
 Manufacturer Name: Permatex, Inc.
 Address: 10 Columbus Blvd.
 Hartford, CT 06106
 USA
 Emergency: 800-255-3924
 International Emergency: 813-248-0585

NFPA**1****2 1**

Product Description: Product Type: Anaerobic

Business Phone: 1-87-Permatex, (877) 376-2839

Revision Date: November/15/2007
 Revision Number: 1

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

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

HMIS

HEALTH	2
FIRE	1
REACTIVITY	0
PPE	

Product Codes: 26225

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**SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS**

: (N/A)

Ingredient Name	CAS#	Ingredient Percent
POLYGLYCOL DIMETHACRYLATE OSHA PEL TWA: Not Listed ACGIH TLV TWA: Not Listed EC Index Number: 1	25852-47-5	60-80% by Weight
POLYESTER RESIN OSHA PEL TWA: Not Listed ACGIH TLV TWA: Not Listed EC Index Number: 1	MIXTURE	20-40% by Weight
DIMETHYLBENZYL HYDROPEROXIDE OSHA PEL TWA: Not Listed ACGIH TLV TWA: Not Listed EC Index Number: 1	80-15-9	< 3% by Weight

POLYETHYLENE HOMOPOLYMER

9002-88-4

< 3% by Weight

OSHA PEL TWA: Not Listed

ACGIH TLV TWA: Not Listed

EC Index Number: 1

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: (N/A)

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.

Applies to All Ingredients :

Route of Exposure: Eye and skin contact, ingestion, inhalation

Signs/Symptoms: 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.

Aggravation of Pre-Existing Conditions: Preexisting skin disorders.

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: (N/A)

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.

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

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.

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

[To Top of page](#)**SECTION 5 : FIRE FIGHTING MEASURES**

: (N/A)

Flash Point: (Deg F/Deg C): > 200 deg F

Upper Flammable or Explosive Limit: Not determined

Lower Flammable or Explosive Limit: Not determined

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

Hazardous Combustion Byproducts: Oxides of carbon

Fire Fighting Instructions: Firefighters should wear self-contained breathing apparatus. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.

NFPA

Health: 2


Flammability:1

Reactivity: 1

Other:

Unusual Fire Hazards: Closed containers may rupture or explode when exposed to extreme heat. May polymerize exothermically.


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SECTION 6 : ACCIDENTAL RELEASE MEASURES : (N/A)

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

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SECTION 7 : HANDLING and STORAGE : (N/A)

Handling: Avoid prolonged skin contact. Keep away from eyes.
 Storage: Do not store at or below 32 deg F. as inhibitor can separate as a solid. Prevent moisture contact. Store in tightly closed containers away from heat, sparks, open flame, oxidizers, radiation and other initiators. Prevent contamination by foreign materials. Use only non-sparking tools.

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SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION : (N/A)

Ventilation System: 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.

Skin Protection Description: Rubber or plastic gloves.

Eye/Face Protection: Safety glasses

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

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SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES : (N/A)

Color: Red

Odor: Mild

Physical State: Liquid

pH: Does not apply

Vapor Pressure: Not determined

Vapor Density: (Air=1): > 1

Boiling Point: > 200 deg C


Solubility: In Water: Insoluble

Specific Gravity: 1.1

Evaporation Point: Not determined

Volatile Organic Compound Content: (Wt.%): < 2% by weight

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SECTION 10 : STABILITY and REACTIVITY : (N/A)

Chemical Stability:	Stable at normal conditions
Conditions to Avoid:	Heat
Incompatibilities with Other Materials:	Strong oxidizers, free radical initiators, inert gases, Peroxides, Reducing agents, Oxygen scavengers
Hazardous Polymerization:	MAY OCCUR.
Hazardous Decomposition Products:	Hazardous Products of Combustion: Oxides of carbon

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SECTION 11 : TOXICOLOGICAL INFORMATION : (N/A)

Toxicological Paragraph: See Section 3

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SECTION 12 : ECOLOGICAL INFORMATION : (N/A)

Ecological Paragraph: No data available

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SECTION 13 : DISPOSAL CONSIDERATIONS : (N/A)

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

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

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SECTION 14 : TRANSPORT INFORMATION : (N/A)

DOT Shipping Information:	(49CFR 172)
DOT Shipping Name:	Unrestricted
DOT UN Number:	None
DOT Hazard Class:	None
IATA Shipping Name:	Not regulated
IATA Hazard Class:	None
IATA UN Number:	None
Maritime Transportation CGVS/GGVE/IMDG:	Proper Shipping: Unrestricted
CGVS/GGVE/IMDG UN or NA Identification Number:	None
CGVS/GGVE/IMDG Class:	None
Maritime Pollutant:	None

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SECTION 15 : REGULATORY INFORMATION : (N/A)

Applies to All Ingredients :

TSCA 8(b): Inventory Status: YES All components of this product are listed (or exempt) on the EPA TSCA inventory.

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

DIMETHYLBENZYL HYDROPEROXIDE :

Section 313 Toxic Release Form: SARA 313 Chemicals: The following component is listed as a SARA Section 313 Toxic Chemical.
Chemical Name: DIMETHYLBENZYL HYDROPEROXIDE

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SECTION 16 : ADDITIONAL INFORMATION

: (N/A)

HMIS:

Health Hazard: 2
Fire Hazard: 1
Reactivity: 0

NFPA:

Health: 2
Fire Hazard: 1
Reactivity: 1

MSDS Revision Date: November/15/2007
Revision Number: 1

MSDS Author: Prepared By: Denise Boyd
Health and Safety Manager
Company: Permatex, Inc.
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