

**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: **Surface Insensitive Threadlocker Blue 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: April/22/2008  
 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**

<b>HEALTH</b>	2
<b>FIRE</b>	1
<b>REACTIVITY</b>	0
<b>PPE</b>	

Product Codes: 24325

[To Top of page](#)

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

: (N/A)

<b>Ingredient Name</b>	<b>CAS#</b>	<b>Ingredient Percent</b>
POLYGLYCOL DIMETHACRYLATE OSHA PEL TWA: Not Listed ACGIH TLV TWA: Not Listed EC Index Number: 1	25852-47-5	50-70% by Weight
TETRAETHYLENE GLYCOL HEXOATE OSHA PEL TWA: Not listed ACGIH TLV TWA: Not listed EC Index Number: 1	18268-70-7	10-20% by Weight
POLYVINYL ACETATE OSHA PEL TWA: Not listed ACGIH TLV TWA: Not listed EC Index Number: 1	9003-20-7	< 5% by Weight

POLYETHYLENE HOMOPOLYMER 9002-88-4 < 5% by Weight  
 OSHA PEL TWA: Not listed  
 ACGIH TLV TWA: Not listed  
 EC Index Number: 1

PROPYLENE GLYCOL 57-55-6 < 5% by Weight  
 OSHA PEL TWA: Not listed  
 ACGIH TLV TWA: Not listed  
 EC Index Number: 1

DIMETHYLBENZYL HYDROPEROXIDE 80-15-9 < 2% by Weight  
 OSHA PEL TWA: Not listed  
 ACGIH TLV TWA: Not listed  
 EC Index Number: 1

SACCHARIN 81-07-2 < 2% by Weight  
 OSHA PEL TWA: Not Listed  
 ACGIH TLV TWA: 10 mg/m<sup>3</sup> nuisance dust  
 EC Index Number: 1

ACRYLIC ACID 79-10-7 0.1-1.0% by Weight  
 OSHA PEL TWA: 10 ppm; 30 mg/m<sup>3</sup>  
 ACGIH TLV TWA: 2 ppm  
 EC Index Number: 1

[To Top of page](#)



### SECTION 3 : HAZARDS IDENTIFICATION

: (N/A)

Toxicity: May cause eye and skin irritation. 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 skin sensitization.

#### Applies to all ingredients:

Route of Exposure: Eye and skin contact, ingestion, inhalation  
 Signs/Symptoms: Repeated skin contact may cause allergic skin reactions. 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: May aggravate preexisting dermatitis.

**POLYVINYLACETATE :**

IARC Designation: Group 3: Vol.19, Supp 7; 1987

**SACCHARIN :**

NTP Designation: Delisted April 2000

IARC Designation: Group 3: Vol 73, 1999

**ACRYLIC ACID :**

Carcinogenicity: IARC: Group 3 Monograph 71, 1999; Supplement 7, 1987; Monograph 19, 1979

ACGIH Designation: A4 - Not Classifiable as a Human Carcinogen

[To Top of page](#)**SECTION 4 : FIRST AID MEASURES**

: (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

Flash Point Method: PMCC

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.

NFPA

Health: 2

Flammability:1

Reactivity: 1

Other:

Unusual Fire Hazards: Closed containers may rupture or explode when exposed to extreme heat

[To Top of page](#)**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.

[To Top of page](#)**SECTION 7 : HANDLING and STORAGE**

: (N/A)

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

Storage: Store below 100 deg F.

[To Top of page](#)

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

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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: Neoprene or nitrile gloves recommended.

Eye/Face Protection: Safety glasses.

Respiratory Protection: An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

[To Top of page](#)




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

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Color: Blue

Odor: MILD

Physical State: Liquid

pH: Does not apply

Vapor Pressure: Not determined

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

Boiling Point: > 300 deg F

Solubility: In Water: Insoluble

Specific Gravity: 1.00-1.15

Evaporation Point: Not Determined

Volatile Organic Compound Content: (Wt.%): < 3%

[To Top of page](#)




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

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Chemical Stability: Stable at normal conditions

Conditions to Avoid: Heat

Incompatibilities with Other Materials: Strong oxidizers, free radical initiators, inert gases, Peroxides

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Hazardous Products of Combustion: Oxides of carbon

[To Top of page](#)




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**SECTION 11 : TOXICOLOGICAL INFORMATION** : (N/A)
 

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Toxicological Paragraph: See Section 3

[To Top of page](#)




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**SECTION 12 : ECOLOGICAL INFORMATION** : (N/A)
 

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Ecological Paragraph: No data available

[To Top of page](#)




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**SECTION 13 : DISPOSAL CONSIDERATIONS** : (N/A)
 

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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

[To Top of page](#)**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

[To Top of page](#)**SECTION 15 : REGULATORY INFORMATION**

: (N/A)

**Applies to All Ingredients :**

TSCA 8(b): Inventory Status: Listed on Inventory: 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

[To Top of page](#)**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: April/22/2008  
   Revision Number: 1

MSDS Author: Prepared By: Denise Boyd  
 Manager-Environmental, Health & Safety  
 Company: Permatex. Inc.  
 10 Columbus Blvd.  
 Hartford, CT 06106

USA

Telephone No.: 1-87-Permatex (877) 376-2839

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[To Top of page](#)

