

**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: **Medium Strength Threadlocker Blue 250 ML**  
 Manufacturer Name: Permatex, Inc.  
 Address: 10 Columbus Blvd.  
 Hartford, CT 06106  
 USA  
 Emergency: 800-255-3924  
 International Emergency: +01-813-248-0585

**NFPA****1****1 0**

Product Description: Product Type: Anaerobic

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

Revision Date: May 28, 2010  
 Revision Number: 3

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

Product Codes: 24225

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**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	60-80% by Weight
POLYGLYCOL OLEATE OSHA PEL TWA: Not listed ACGIH TLV TWA: Not listed EC Index Number: 1	9004-96-0	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

TITANIUM DIOXIDE 13463-67-7 0.1-1.0% by Weight

OSHA PEL TWA: 15 mg/m<sup>3</sup>

ACGIH TLV TWA: 10 mg/m<sup>3</sup>

EC Index Number: 1

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### SECTION 3 : HAZARDS IDENTIFICATION

: (N/A)

Toxicity: May cause eye and skin irritation. Irritates mucous membranes. Ingestion may irritate digestive tract and cause nausea, vomiting and diarrhea. At elevated temperatures may cause irritation of the respiratory tract. 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. 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.

#### **TITANIUM DIOXIDE :**

Carcinogenicity: NTP: male rat-negative, female rat-negative, male mice-negative, female mice-negative

IARC Designation: Group 2B; Vol 93,2006; Vol 47,1989

ACGIH Designation: A4

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### 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.

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### 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: Oxides of carbon

Byproducts:

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: 1

Flammability:1

Reactivity: 0

Other:

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

[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 away from water or moisture. Protect from contamination.

[To Top of page](#)**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: Neoprene or nitrile gloves recommended.

Eye/Face Protection: Safety glasses.

Respiratory Protection: Not required under normal use. An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

[To Top of page](#)**SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES**

: (N/A)

Color: Blue

Odor: Mild

Physical State: Liquid

pH: Does not apply

Vapor Pressure: Not determined

Vapor Density: (Air=1): > 1

Boiling Point: > 300 deg F

Solubility: In Water: Insoluble

Specific Gravity: 1.00-1.15

Evaporation Point: Not Determined

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

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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, Reducing agents
Hazardous Polymerization:	May occur
Hazardous Decomposition Products:	Hazardous Products of Combustion: Oxides of carbon

[To Top of page](#)**SECTION 11 : TOXICOLOGICAL INFORMATION**

: (N/A)

Toxicological Paragraph: See Section 3

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: (N/A)

Ecological Paragraph: No data available

[To Top of page](#)**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

[To Top of page](#)**SECTION 14 : TRANSPORT INFORMATION**

: (N/A)

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DOT Shipping Information:	(49CFR 172)
DOT Shipping Name:	Not regulated
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: Not regulated
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: All components of this product are listed (or exempt) on the EPA TSCA inventory.

State:

California Proposition 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](#)

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**SECTION 16 : ADDITIONAL INFORMATION**

: (N/A)

## HMIS:

Health Hazard: 1  
Fire Hazard: 1  
Reactivity: 0

## NFPA:

Health: 1  
Fire Hazard: 1  
Reactivity: 0MSDS Revision Date: May 28, 2010  
Revision Number: 3

## MSDS Author:

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