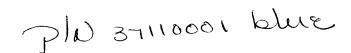
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# **Material Safety Data Sheet**

### 1. PRODUCT IDENTIFICATION

**Product Name:** 

MEDIUM STRENGTH THREADLOCKER BLUE GEL 10 GR

Item No:

24010

**Product Type: Anaerobic** 

2. COMPOSITION/INFORMATION ON INGREDIENTS					
Component	Weight%	ACGIH; TLV-TWA	OSHA PEL:		
POLYGLYCOL DIMETHACRYLATE 25852-47-5	30-50	Not listed	Not Listed		
POLYESTER RESIN MIXTURE	20-40	Not listed	Not Listed		
BENZOATE ESTERS MIXTURE	10-30	Not listed	Not Listed		
TREATED SILICON DIOXIDE, SYNTHETIC, CRYSTALLINE-FREE 67762-90-7	<10	10 mg/m <sup>3</sup>	10 mg/m³ total dust		
DIMETHYLBENZYL HYDROPEROXIDE 80-15-9	<3	Not listed	Not Listed		
PROPYLENE GLYCOL 57-55-6	<3	Not listed	Not Listed		
TITANIUM DIOXIDE 13463-67-7	0.1-1.0	10 mg/m <sup>3</sup>	15 mg/m³ TWA (total dust)		

### 3. HAZARDS IDENTIFICATION

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. Note: This product does not contain microcyrstalline silica.

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

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.

Componer	nt Weight%	NTP	ACGIH Carcinogens	IARC
TITANIUM DIOXIDE	0.1-1.0	male rat-negative,	A4	Group 2B; Vol 93,2006; Vol
13463-67-7		female rat-negative,		47,1989
		male mice-negative,		
		female mice-negative		

Medical Conditions Recognized as Being Aggravated by Exposure:

Preexisting skin disorders.

# 4. FIRST AID MEASURES

Ingestion: Inhalation: Skin Contact: **Eye Contact:** 

If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention. Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.

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

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°):

Recommended Extinguishing Media:

Water fog, carbon dioxide, foam, dry chemical.

**Product Name: MEDIUM STRENGTH THREADLOCKER** 

BLUE GEL 10 GR

FIRE FIGHTING MEASURES

Special Fire-Fighting Procedures: **Hazardous Products of Combustion:** Unusual Fire/Explosion Hazards:

Firefighters should wear self-contained breathing apparatus.

Irritating vapors

Closed containers may rupture or explode when exposed to extreme heat.

Item No: 24010

Lower Explosive Limit: **Upper Explosive Limit:** 

Not determined 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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes:

Safety glasses.

Skin: Ventilation: Neoprene or nitrile gloves recommended.

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 organic vapor respirator should be worn when exposures are expected to exceed the

applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Blue gel

Odor:

MILD >150°C

**Boiling Point:** 

Does not apply

pH: 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:** 

Hazardous Polymerization:

Incompatabilities:

Stable at normal conditions

WILL NOT OCCUR.

Conditions to Avoid:

Strong oxidizers, free radical initiators, inert gases

Heat

**Hazardous Products of Combustion:** 

Irritating vapors

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

**Product Name:** MEDIUM STRENGTH THREADLOCKER

BLUE GEL 10 GR

# 14. TRANSPORTATION INFORMATION

**IATA** 

**Proper Shipping Name:** 

Not regulated

Class or Division: UN/ID Number:

None None

**IMDG** 

Proper Shipping: Hazard Class: Unrestricted

UN Number:

None None

**Marine Pollutant:** 

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.

Prepared By:

Denise Boyd, Manager-Environmental, Health & Safety

Revision Date: July/26/2007

Company:

Permatex. Inc. 10 Columbus Blvd. Hartford, CT USA 06106

Revision 1

Item No: 24010

Number:

Telephone No.:

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