

**ITW Permatex**  
**10 Columbus Blvd.**  
**Hartford, CT 06106 USA**  
**Telephone: 1-87-Permatex**  
**(877) 376-2839**  
**Emergency: 800-255-3924 (ChemTel)**  
**International Emergency: 00+ 1+ 813-248-0585**

## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** SURFACE INSENSITIVE THREADLOCKER BLUE 6ML  
**Item No:** 24027  
**Product Type:** Anaerobic

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component:	Weight%	ACGIH; TLV-TWA	OSHA PEL
POLYGLYCOL DIMETHACRYLATE 25852-47-5	50-70	Not listed	Not listed
TETRAETHYLENE GLYCOL HEXOATE 18268-70-7	10-20	Not listed	Not listed
POLYVINYL ACETATE 9003-20-7	<5	Not listed	Not listed
POLYETHYLENE HOMOPOLYMER 9002-88-4	<3	Not listed	Not listed
PROPYLENE GLYCOL 57-55-6	<5	Not listed	Not listed
DIMETHYLBENZYL HYDROPEROXIDE 80-15-9	<2	Not listed	Not listed
ACRYLIC ACID 79-10-7	0.1-1.0	2 ppm	10 ppm; 30 mg/m <sup>3</sup>

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

Component:	Weight%	NTP	ACGIH Carcinogens	IARC Carcinogen
POLYVINYL ACETATE 9003-20-7	<5			Group 3: Vol.19, Supp 7; 1987
ACRYLIC ACID 79-10-7	0.1-1.0		A4 - Not Classifiable as a Human Carcinogen	Group 3 Monograph 71, 1999; Supplement 7, 1987; Monograph 19, 1979

**Aggravated Medical Condition:** May aggravate preexisting dermatitis.

**WHMIS Hazard Class:** D2B TOXIC MATERIALS

### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, do not induce vomiting - seek medical advice. Never give anything by mouth to an unconscious person.  
**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. Wash contaminated clothing before re-use.  
**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.

**Product Name:** SURFACE INSENSITIVE THREADLOCKER  
BLUE 6ML

**Item No.** 24027

## 5. FIRE FIGHTING MEASURES

**Flash Point °F(C°):** >200°F PMCC  
**Recommended Extinguishing Media:** Carbon dioxide, Dry chemical, Foam  
**Special Fire-Fighting Procedures:** Firefighters should wear self-contained breathing apparatus.  
**Hazardous Products of Combustion:** Oxides of carbon  
**Unusual Fire/Explosion Hazards:** None reasonably foreseeable.

**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 below 100°F.  
**Handling:** Avoid prolonged skin contact. Keep away from eyes. Wash thoroughly after handling.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety glasses.  
**Skin:** Neoprene or nitrile gloves recommended.  
**Ventilation:** Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.  
**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 liquid  
**Odor:** Mild  
**Boiling Point:** >300°F  
**pH:** Does not apply  
**Solubility in Water:** Insoluble  
**Specific Gravity:** 1.00-1.15  
**VOC(Wt.%):** <3%  
**Vapor Pressure:** Not determined  
**Vapor Density (Air=1):** >1  
**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  
**Conditions to Avoid:** Excessive 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)**  
**U.S. Department of Transportation - DOT - 49 CFR (Ground)**  
**DOT Shipping Name:** Not regulated  
**Hazard Class:** None

**Product Name:** SURFACE INSENSITIVE THREADLOCKER  
BLUE 6ML

**Item No.** 24027

## 14. TRANSPORTATION INFORMATION

**UN/ID Number:** None

### IATA (Air)

**Proper Shipping Name:** Not regulated

**Class or Division:** None

**UN/ID Number:** None

### IMDG (Vessel)

**Proper Shipping Name:** Not regulated

**Hazard Class:** None

**UN Number:** None

**Marine Pollutant:** None

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.

DIMETHYLBENZYL HYDROPEROXIDE

**California Proposition 65:** No California Prop 65 chemicals are known to be present.

**TSCA Inventory Status:** 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 0.

**Estimated HMIS Classification:** HEALTH 2, FLAMMABILITY 1, PHYSICAL HAZARD 0

(NFPA is a registered trademark of the National Fire Protection Association)

(HMIS is a registered trademark of the National Paint and Coatings Association)

**Prepared By:** Denise Boyd, Manager-Environmental, Health & Safety  
**Company:** ITW Permatex 10 Columbus Blvd. Hartford, CT USA 06106  
**Telephone No.:** 1-87-Permatex (877) 376-2839

**Revision Date:** March 28, 2014  
**Revision Number:** 4