

Supplier:  
 Permatex, Inc.  
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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

Product Name: HIGH TEMPERATURE THREADLOCKER RED 10ML BO  
 Item No: 27200  
 Product Type: Anaerobic

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	ACGIH 8 Hr. TWA:	OSHA 8 Hr. TWA:
ETHOXYLATED BISPHENOL A DIMETHACRYLATE 41637-38-1	70-80		
N,N-M-PHENYLENE DIMALEIMIDE 3006-93-7	10-20		
_DIMETHYLBENZYL HYDROPEROXIDE 80-15-9	1-10		
SILICON DIOXIDE, AMORPHOUS 112945-52-5	1-10	10 mg/m3 TWA	6 mg/m3 TWA
METHANOL 67-56-1	1-10	200 ppm TWA; 262 mg/m3 TWA	200 ppm TWA; 260 mg/m3 TWA
ALKYL TOLUIDINE 613-48-9	1-10		
SACCHARIN 81-07-2	0-1.1.0	10mg/m3 nuisance dust	

### 3. HAZARDS IDENTIFICATION

**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. May cause central nervous system (CNS) depression. May cause eye and skin irritation. May cause skin sensitization. Eye and skin contact, ingestion, inhalation.

**Primary Routes of Entry:** 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.

**Signs and Symptoms of Exposure:**

Ingredients	Percent	NTP:	ACGIH Carcinogens	IARC:
SILICON DIOXIDE, AMORPHOUS 112945-52-5	1-10			Amorphous Silica, Group 3: Vol. 68: 1997
SACCHARIN 81-07-2	0-1.1.0	Delisted April 2000		Group 3: Vol 73, Page 517: 1999

**Medical Conditions Recognized as Being Aggravated by Exposure:** Preexisting skin disorders.

### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.  
**Inhalation:** If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.  
**Skin Contact:** Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical

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**Eye Contact:** attention.  
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):** More than 200 degrees C. Method: PMCC  
**Recommended Extinguishing Media:** Water fog, carbon dioxide, foam, dry chemical.  
**Special Fire-Fighting Procedures:** Firefighters should wear self-contained breathing apparatus.  
**Hazardous Products Formed by Fire or Thermal Decomposition:** Irritating vapors.  
**Unusual Fire/Explosion Hazards:** Closed containers may rupture or explode when exposed to extreme heat. May polymerize exothermically.  
**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:** Do not store at or below 32 degrees 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.  
**Handling:** Avoid prolonged skin contact. Keep away from eyes. Unless inhibited, product can polymerize, raising temperature and pressure and possibly rupturing the container. Do not blanket or mix with oxygen-free gas as it renders the inhibitor ineffective.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Eyes:** Safety glasses or goggles. Do NOT wear contact lenses.  
**Skin:** Neoprene, rubber or butyl rubber gloves  
**Ventilation:** General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits during the use of this product.  
**Respiratory Protection:** An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Red liquid  
**Odor:** MUSTY  
**Boiling Point (°F):** Not determined  
**pH:** Does not apply  
**Solubility in Water:** Negligible  
**Specific Gravity:** 1.12 @ 25 degrees C.  
**VOC Content(Wt.%):** Not determined  
**Vapor Pressure:** Not determined  
**Vapor Density (Air=1):** Not determined  
**Evaporation Rate:** Not determined

## **10. STABILITY AND REACTIVITY**

**Chemical Stability:** Stable at normal conditions  
**Hazardous Polymerization:** MAY OCCUR  
**Incompatibilities:** Strong oxidizers, free radical initiators, inert gases.  
**Conditions to Avoid:** High temperatures.  
**Hazardous Products Formed by Fire or Thermal Decomposition:** Irritating vapors.

## **11. TOXICOLOGICAL INFORMATION**

See Section 3

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## **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. TRANSPORT INFORMATION**

**DOT (49CFR 172)**

### **Domestic Ground Transport**

**DOT Shipping Name:** Unrestricted  
**Hazard Class:** NONE  
**UN/ID Number:** None  
**Marine Pollutant:** None

### **IATA**

**Proper Shipping Name:** Unrestricted  
**Class or Division:** None  
**UN/NA Number:** NONE

### **IMDG**

**Proper Shipping:** Unrestricted  
**Hazard Class:** None  
**UN Number:** 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.

### **TSCA Inventory Status:**

All components of this product are listed (or exempt) on the EPA TSCA inventory.

## **16. OTHER INFORMATION**

**Estimated NFPA Rating:** HEALTH 1, FLAMMABILITY 1, REACTIVITY 2  
**Estimated HMIS Classification:** HEALTH 1, 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.

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