

Permatex, Inc.
 10 Columbus Blvd.
 Hartford, CT 06106 USA
 Telephone: 1-87-Permatex
 (877) 376-2839
 Emergency: 800-255-3924

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: HIGH TEMPERATURE THREADLOCKER RED 50 ML
Item No: 27250
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	Not Listed	Not Listed
N,N-M-PHENYLENE DIMALEIMIDE 3006-93-7	10-20	Not Listed	Not Listed
-DIMETHYLBENZYL HYDROPEROXIDE 80-15-9	1-10	Not Listed	Not Listed
SILICON DIOXIDE, AMORPHOUS 112945-52-5	<2	10 mg/m ³ TWA	6 mg/m ³ TWA
METHANOL 67-56-1	<1.5	200 ppm; STEL 200 ppm	200 ppm TWA; 260 mg/m ³ TWA

3. HAZARDS IDENTIFICATION

Toxicity: Note: This product does not contain microcrystalline silica. 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 eye and skin irritation. May cause skin sensitization.
 Eye and skin contact, ingestion, inhalation.

Primary Routes of Entry: Eye and skin contact, ingestion, inhalation.

Signs and Symptoms of Exposure: 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.

Ingredients	Percent	NTP:	ACGIH Carcinogens	IARC:
SILICON DIOXIDE, AMORPHOUS 112945-52-5	<2	Not listed	Not listed	Amorphous Silica, Group 3: Vol. 68: 1997

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: This product has a very low vapor pressure. Vapor inhalation under ambient conditions is normally not a problem.

Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

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.

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. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.
Irritating vapors.

Hazardous Products Formed by Fire or Thermal Decomposition:

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.

Skin: Neoprene or nitrile gloves recommended.

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: Heat

Hazardous Products Formed by Fire or Thermal Decomposition: 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: HIGH TEMPERATURE
THREADLOCKER RED 50 ML

Item 27250

Marine Pollutant: None

IATA

Proper Shipping Name: not regulated
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.

SARA 313 Information

DIMETHYLBENZYL HYDROPEROXIDE

CALIFORNIA PROP 65:

No California Prop 65 chemicals are known to be present.

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 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.

Prepared By: Denise Boyd, Health and Safety Manager
Company: Permatex, Inc. 10 Columbus Blvd. Hartford, CT USA
06106

Revision Date: 02/17/2005

Revision 2

Number:

Telephone Number: 1-87-Permatex (877) 376-2839