
SECTION 01: CHEMICAL PRODUCT & COMPANY ID

PRODUCT PRIMARY NAME: GM 12345493 HIGH TEMPERATURE THREADLOCKER RED
CHAT SYNONYMS: GM 12345493 HIGH TEMPERATURE THREADLOCKER RED
> HIGH STRENGTH HIGH TEMPERATURE THREADLOCKER - RED
> HIGH TEMPERATURE THREADLOCKER RED GM 12345493
> 12345493 HIGH TEMPERATURE THREADLOCKER RED
> 17795 (ITEM NO.)
> 89021297

SAFE USE CATEGORY AND DESCRIPTION: 06 -ADHESIVES, SEALERS - GENERAL

LAST UPDATED DATE: 2002-03-12

MANUFACTURER'S ID (MID): 000557057
MANUFACTURER'S NAME: PERMATEX, INC.
MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: US 877-376-2839
MANUFACTURER'S MAILING ADDRESS:
10 COLUMBUS BLVD.
HARTFORD CT 06106
US

SECTION 1 - OTHER INFORMATION: PREPARED BY: DENISE BOYD, HEALTH AND
SAFETY MANAGER.

SECTION 02: COMPOSITION & INGREDIENT INFO

CAS#	FORMULATION	W/V	CHEMICAL NAME
000067561	< 0.0000/ 1.5000%	W	METHANOL
000080159	R 1.0000/ 10.0000%	W	HYDROPEROXIDE, alpha,alpha-DIMETHYL- LBENZYL-
000081072	R 0.1000/ 1.0000%	W	1,2-BENZISOTHIAZOLIN-3-ONE, 1,1-DI- * OXIDE
000613489	R 0.1000/ 10.0000%	W	Benzenamine, N,N-diethyl-4-methyl-
003006937	R 10.0000/ 20.0000%	W	MALEIMIDE, N,N'-(m-PHENYLENE)DI-
041637381	R 70.0000/ 80.0000%	W	Poly(oxy-1,2-ethanediyl), .alpha., * .alpha.'-(1-methylethylidene)di-4 * ,1-phenylene"bis".omega.'-(2-methy * l-1-oxo-2-propenyl)oxy'-
112945525	< 0.0000/ 2.0000%	W	SILICA, AMORPHOUS FUMED

THRESHOLD LIMIT VALUE: CAS # 000067-56-1: TLV - 200 PPM; TLV STEL - 250 PPM.

PERMISSIBLE EXPOSURE LIMIT: CAS # 000067-56-1: PEL - 200 PPM; 260 MG/M3; OSHA STEL - 250 PPM; 325 MG/M3.

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ENTRY ROUTE INDICATORS:

SKIN PRIMARY ENTRY ROUTE INDICATOR = Y
EYE PRIMARY ENTRY ROUTE INDICATOR = Y
INHALATION PRIMARY ENTRY ROUTE INDICATOR = Y
INGESTION PRIMARY ENTRY ROUTE INDICATOR = Y
PRIMARY ROUTES OF ENTRY TEXT: EYE AND SKIN CONTACT, INGESTION,
INHALATION.

EFFECTS OF OVEREXPOSURE - SKIN: MAY CAUSE SKIN IRRITATION. MAY CAUSE SKIN SENSITIZATION. SIGNS AND SYMPTOMS OF EXPOSURE: REPEATED SKIN CONTACT MAY CAUSE ALLERGIC SKIN REACTIONS. SKIN REDNESS.
EFFECTS OF OVEREXPOSURE - EYE: MAY CAUSE EYE IRRITATION. SIGNS AND SYMPTOMS OF EXPOSURE: MAY CAUSE PAIN, REDNESS OR SWELLING OF THE EYES AND EXCESSIVE BLINKING AND TEAR PRODUCTION.
EFFECTS OF OVEREXPOSURE - INHALATION: SIGNS AND SYMPTOMS OF EXPOSURE: INHALATION OVEREXPOSURE MAY CAUSE IRRITATION, COUGHING AND FLU-LIKE SYMPTOMS.
EFFECTS OF OVEREXPOSURE - INGESTION: INGESTION MAY IRRITATE DIGESTIVE TRACT AND CAUSE NAUSEA, VOMITING AND DIARRHEA. SIGNS AND SYMPTOMS OF EXPOSURE: INGESTION MAY CAUSE NAUSEA AND VOMITING.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: PREEXISTING SKIN DISORDERS.

ADDITIONAL HEALTH HAZARD DATA: AT ELEVATED TEMPERATURES MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT. IRRITATES MUCOUS MEMBRANES. MAY CAUSE CENTRAL NERVOUS SYSTEM (CNS) DEPRESSION.

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
EMERGENCY FIRST AID PROCEDURES - EYES: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION IF IRRITATION PERSISTS.
EMERGENCY FIRST AID PROCEDURES - 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.
EMERGENCY FIRST AID PROCEDURES - INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. KEEP INDIVIDUAL CALM. OBTAIN MEDICAL ATTENTION.

SECTION 05: FIRE-FIGHTING MEASURES

SPECIAL FIRE FIGHTING PROCEDURES: FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS. RECOMMENDED EXTINGUISHING MEDIA: WATER FOG, CARBON DIOXIDE, FOAM, DRY CHEMICAL. WATER SPRAY MAY BE INEFFECTIVE ON FLAMES BUT SHOULD BE USED TO KEEP FIRE-EXPOSED CONTAINERS COOL.
UNUSUAL FIRE AND EXPLOSION HAZARDS: CLOSED CONTAINERS MAY RUPTURE OR EXPLODE WHEN EXPOSED TO EXTREME HEAT. MAY POLYMERIZE EXOTHERMICALLY.
HMIS CODES:
HMIS REACTIVITY CODE = 0
HMIS HEALTH CODE = 1
HMIS FLAMMABILITY CODE = 1

NFPA CODES:
NFPA FLAMMABILITY CODE = 1
NFPA HEALTH CODE = 1
NFPA REACTIVITY CODE = 2

FLASH POINT TEMPS: > 200.00C
FLASH POINT METHOD: PMCC

SECTION 5 - OTHER INFORMATION: HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION: IRRITATING VAPORS. LOWER AND UPPER EXPLOSIVE LIMIT: NOT DETERMINED.

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: MAINTAIN GOOD VENTILATION. TAKE UP WITH AN INERT ABSORBENT. STORE IN A CLOSED WASTE CONTAINER UNTIL DISPOSAL.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND 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. 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.

SECTION 08: EXPOSURE CONTROLS - PROTECTION

EYE PROTECTION: SAFETY GLASSES OR GOGGLES. DO NOT WEAR CONTACT LENSES.

RESPIRATORY PROTECTION: AN APPROVED RESPIRATOR (I.E. NIOSH ETC) SHOULD BE WORN WHEN EXPOSURES ARE EXPECTED TO EXCEED THE APPLICABLE LIMITS.

ENGINEERING CONTROLS: GENERAL; LOCAL EXHAUST VENTILATION AS NECESSARY TO CONTROL ANY AIR CONTAMINANTS TO WITHIN THEIR EXPOSURE LIMITS DURING THE USE OF THIS PRODUCT.

PROTECTIVE GLOVES (SPECIFY TYPE): NEOPRENE, RUBBER OR BUTYL RUBBER GLOVES.

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT TEXT: NOT DETERMINED

SPECIFIC GRAVITY VALUES: = 1.1200
SPECIFIC GRAVITY TEXT: AT 25 C

VAPOR DENSITY TEXT: NOT DETERMINED

VAPOR PRESSURE TEXT: NOT DETERMINED

EVAPORATION RATE TEXT: NOT DETERMINED

SOLUBILITY IN WATER TEXT: NEGLIGIBLE
PH OF PRODUCT AS RECEIVED (NEAT)/TEXT: DOES NOT APPLY

APPEARANCE: RED LIQUID

ODOR: MUSTY ODOR.

PHYSICAL STATE: LIQ

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y

STABILITY - TEXT: STABLE AT NORMAL CONDITIONS. INCOMPATIBILITIES:
STRONG OXIDIZERS, FREE RADICAL INITIATORS, INERT GASES. CONDITIONS TO
AVOID: HIGH TEMPERATURES.

HAZARDOUS DECOMPOSITION PRODUCTS: HAZARDOUS PRODUCTS FORMED BY FIRE OR
THERMAL DECOMPOSITION: IRRITATING VAPORS.

HAZARDOUS POLYMERIZATION INDICATOR: Y
HAZARDOUS POLYMERIZATION TEXT: MAY OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

CARCINOGENICITY: 112945-52-5 IARC: AMORPHOUS SILICA GROUP 3 VOL 88
1997. 81-07-2 NTP: DELISTED APRIL 2000. IARC: GROUP 3 VOL 73 PAGE 517
1999.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: NO DATA AVAILABLE

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: RECOMMENDED METHOD OF DISPOSAL: DISPOSAL SHOULD
BE MADE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

DOT INFORMATION: DOT (49 CFR 172): DOMESTIC GROUND TRANSPORT DOT
SHIPPING NAME: UNRESTRICTED. HAZARD CLASS, UN/ID NUMBER, MARINE
POLLUTANT: NONE.

SECTION 14 - OTHER INFORMATION: IATA PROPER SHIPPING NAME:
UNRESTRICTED, CLASS OR DIVISION, UN/NA NUMBER: NONE. IMDG PROPER
SHIPPING: UNRESTRICTED. HAZARD CLASS, UN NUMBER: NONE.

SECTION 15: REGULATORY INFORMATION

SARA 311/312 HAZARD INDICATORS:

IMMEDIATE HEALTH INDICATOR =

N

DELAYED HEALTH INDICATOR =

Y

SECTION 15 - OTHER INFORMATION: SARA 313 CHEMICALS: THE FOLLOWING COMPONENT(S) IS LISTED AS A SARA SECTION 313 TOXIC CHEMICAL: 80-15-9. 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.

SECTION 16: OTHER INFORMATION

RCRA HAZARDOUS WASTE NUMBER TEXT: US EPA WASTE NUMBER: NOT A RCRA HAZARDOUS WASTE MATERIAL.