



MATERIAL SAFETY DATA SHEET

PRS MASTIC REMOVER

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER'S NAME: ROCHESTER MIDLAND CORPORATION
 MANUFACTURERS ADDRESS: 155 PARAGON DRIVE, ROCHESTER, NY 14624, USA
 EMERGENCY PHONE NUMBER: INFOTRAC 1-800-535-5053
 SUPPLIER IDENTIFIER: ROCHESTER MIDLAND CANADA CORPORATION
 SUPPLIER'S ADDRESS: 5353 JOHN LUCAS DRIVE, SUITE 103, BURLINGTON, ONTARIO
 SUPPLIER EMERGENCY PHONE NUMBER: CANUTEC (613) 996-6666
 PRODUCT NAME: PRS MASTIC REMOVER SOLVENT
 PRODUCT USE: EMULSION DEGREASER
 WHMIS CATEGORY: D2B
 PREPARED BY: ROCHESTER MIDLAND CORP.
 PHONE NUMBER OF PREPARER: (585) 336-2200
 DATE PREPARED: JULY 26, 2016



SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS#	EXPOSURE LEVELS	LD (50), ROUTE, SPECIES	LC(50), ROUTE, SPECIES
DIETHYLENE GLYCOL BUTYL ETHER	7-13	112-34-5	NOT AVAILABLE	ORAL 4500-7300 mg /Kg (RAT) DERMAL 2700-4120 mg/ Kg (RABBIT)	NOT AVAILABLE
OTHER INGREDIENTS	%	CAS#	EXPOSURE LEVELS	LD (50), ROUTE, SPECIES	LC(50), ROUTE, SPECIES
ALPHA OLEFIN	60-100	69430-33-7	MANUFACTURERS TWA 100 ppm	ORAL >2000 mg/ Kg (RAT) DERMAL >2000 mg/ Kg (RAT)	>5000 ppm 1 HOUR EXPOSURE (RAT)

SECTION 03: HAZARDS IDENTIFICATION

POTENTIAL ACUTE HEALTH EFFECTS:

ROUTE OF ENTRY: EYES, SKIN, INHALATION, INGESTION

SKIN CONTACT: MAY CAUSE IRRITATION.

SKIN ABSORPTION : GLYCOL ETHER COMPONENT CAN BE ABSORBED THROUGH THE SKIN WITH WIDESPREAD EXPOSURE CAUSING CENTRAL NERVOUS EFFECTS. NOT EXPECTED WHEN USED AS DIRECTED.

EYE: MAY CAUSE MODERATE IRRITATION.

INHALATION: THIS PRODUCT DOES NOT NORMALLY PRESENT AN INHALATION HAZARD, HOWEVER, IN APPLICATIONS WHERE VAPOURS(CAUSED BY HIGH TEMPERATURE) OR MISTS (CAUSED BY MIXING)ARE CREATED, INHALATION MAY CAUSE A MILD BURNING SENSATION IN THE NOSE , THROAT AND LUNGS. INHALATION OF HIGH VAPOUR CONCENTRATIONS MAY CAUSE CENTRAL NERVOUS SYSTEM (CNS) DEPRESSION RESULTING IN DIZZINESS, LIGHT HEADEDNESS, HEADACHE, NAUSEA AND LOSS OF CO-ORDINATION. CONTINUED INHALATION OF HIGH VAPOUR CONCENTRATIONS MAY RESULT IN UNCONSCIOUSNESS AND DEATH. ONSET OF RESPIRATORY SYMPTOMS MAY BE DELAYED FOR SEVERAL HOURS AFTER EXPOSURE.

INGESTION: **HARMFUL IF SWALLOWED. ASPIRATION HAZARD.** MAY CAUSE LUNG DAMAGE IF SWALLOWED. ASPIRATION OF VOMITED LIQUID INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS.

ACUTE OVER-EXPOSURE

EFFECTS: AS ABOVE. OVER-EXPOSURE MAY AGGRAVATE PREVIOUSLY EXISTING SKIN AND RESPIRATORY CONDITIONS.

CHRONIC OVER EXPOSURE

EFFECTS: REPEATED OR PROLONGED CONTACT MAY CAUSE DERMATITIS AND RESPIRATORY DISORDERS. LONG TERM OVER EXPOSURE TO THE GLYCOL ETHER COMPONENT THROUGH INGESTION OR SKIN ABSORPTION MAY CAUSE LIVER, KIDNEY, SPLEEN AND BLOOD EFFECTS. NOT A LIKELY OCCURRENCE WHEN PRODUCT IS USED AS DIRECTED

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SECTION 04: FIRST AID MEASURES

EYES: FLUSH EYES WITH ABUNDANT WATER FOR AT LEAST 20 MINUTES WHILE HOLDING EYELIDS OPEN TO ENSURE COMPLETE IRRIGATION OF THE ENTIRE EYE CAVITY. GET MEDICAL ATTENTION.

SKIN: WASH SKIN WITH WATER FOR AT LEAST 20 MINUTES. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ATTENTION.

INHALATION: IF SAFE TO ENTER AREA, REMOVE VICTIM TO FRESH AIR. ASSIST BREATHING AS NEEDED. **GET MEDICAL ATTENTION.** EFFECTS MAY DELAYED FOR SEVERAL HOURS.

INGESTION: **ASPIRATION HAZARD. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.** NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION 05: FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD OF DETERMINATION: 104.4 °C (220 °F), PMCC

UPPER EXPLOSION LIMIT (% BY VOLUME): NOT AVAILABLE

LOWER EXPLOSION LIMIT (% BY VOLUME): NOT AVAILABLE

AUTO-IGNITION TEMPERATURE: NOT AVAILABLE

FLAMMABILITY CLASSIFICATION: NON-FLAMMABLE LIQUID

CONDITIONS OF FLAMMABILITY: DIRECT CONTACT WITH OPEN FLAME.

MEANS OF EXTINCTION: USE FOAM, WATER SPRAY OR FOG. DRY CHEMICAL, CARBON DIOXIDE, SAND OR EARTH MAY BE USED FOR SMALL FIRES ONLY. DO NOT USE WATER IN A JET.

SPECIAL FIRE FIGHTING PROCEDURES: FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE EQUIPMENT AND USE APPROVED SELF CONTAINED BREATHING APPARATUS. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS TO PREVENT PRESSURE BUILDUP AND POSSIBLE RUPTURE. DO NOT SPATTER OR SPLASH PRODUCT. AVOID BREATHING VAPOURS OR FUMES. PRODUCT WILL FLOAT AND CAN BE RE-IGNITED ON SURFACE WATER. DIKE TO CONTAIN WATER USED IN FIGHTING FIRE. DO NOT ALLOW THIS WATER INTO OPEN WATERWAYS OR SEWERS.

HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON AND NITROGEN.

EXPLOSION DATA: THE VAPOUR IS HEAVIER THAN AIR AND MAY SPREAD ALONG THE GROUND AND DISTANT IGNITION IS POSSIBLE. EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUE (LIQUID AND VAPOUR). DO NOT PRESSURIZE, WELD, BRAZE, CUT SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY AND OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

SENSITIVITY TO STATIC DISCHARGE: MAY BE SENSITIVE. MATERIAL CAN ACCUMULATE STATIC CHARGES, WHICH CAN CAUSE AN INCENDIARY ELECTRICAL DISCHARGE. USE PROPER GROUNDING PROCEDURES.

SENSITIVITY TO MECHANICAL IMPACT: NOT SENSITIVE

SECTION 06: ACCIDENTAL RELEASE MEASURES

LEAK AND SPILL PROCEDURES: EXTINGUISH ALL IGNITION SOURCES. VENTILATE AREA. DO NOT ALLOW SPILL OR WASH WATERS TO ENTER OPEN WATERWAYS OR SEWERS. CLEANUP PERSONNEL MUST USE FULL PROTECTIVE EQUIPMENT. REMOVE UNPROTECTED PERSONNEL AWAY FROM SPILL AREA. CAUTION: SPILL AREA MAY BE SLIPPERY.

SMALL SPILLS: MOP UP, SOAK UP RESIDUE WITH INERT MATERIAL AND PLACE IN SUITABLE CONTAINERS FOR DISPOSAL.

LARGE SPILLS: DIKE SPILL. DO NOT ALLOW SPILL OR WASH WATERS TO ENTER OPEN WATERWAYS OR SEWERS. RECLAIM ALL MATERIAL POSSIBLE. ABSORB REMAINDER WITH INERT MATERIAL AND PLACE IN SUITABLE CONTAINERS FOR DISPOSAL. DO NOT FLUSH AWAY RESIDUES WITH WATER- RETAIN AS CONTAMINATED WASTE. REMOVE CONTAMINATED SOIL AND DISPOSE OF SAFELY AND BY REGULATIONS.

SECTION 07: HANDLING AND STORAGE

HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH SKIN THOROUGHLY AFTER HANDLING. USE IN WELL VENTILATED AREA. AVOID INHALATION OF VAPOURS AND MISTS. DO NOT ENTER ENCLOSED SPACE WITHOUT APPROVED RESPIRATOR. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE RE-USE. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT HANDLE NEAR HEAT, SPARKS, FLAMES AND/OR STRONG OXIDIZING AGENTS AND ACIDS. DO NOT CONTAMINATE FOOD, FEED OR POTABLE WATER DURING USE OR STORAGE OF PRODUCT. READ AND FOLLOW LABEL INSTRUCTIONS. MIX ONLY WITH WATER. USE SOLVENT RESISTANT MATERIALS WITH THIS PRODUCT. EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUE (LIQUID AND VAPOUR). DO NOT BRAZE, CUT, WELD, SOLDER, DRILL GRIND OR EXPOSE SUCH CONTAINERS TO IGNITION SOURCES. USE PROPER GROUNDING PROCEDURES. DO NOT SMOKE WHEN HANDLING PRODUCT.

STORAGE REQUIREMENTS: KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE INDOORS IN A COOL WELL VENTILATED AREA AWAY FROM INCOMPATIBLES AND HEAT OR IGNITION SOURCES. KEEP FROM FREEZING. KEEP OUT OF REACH OF CHILDREN. STORE IN ORIGINAL CONTAINER.

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SECTION 08: EXPOSURE CONTROLS/ PERSONAL PROTECTION

GENERAL ADVICE: THESE RECOMMENDATIONS PROVIDE GENERAL GUIDANCE FOR HANDLING THIS PRODUCT. PERSONAL PROTECTIVE EQUIPMENT SHOULD BE SELECTED FOR INDIVIDUAL APPLICATIONS AND SHOULD CONSIDER FACTORS WHICH AFFECT EXPOSURE POTENTIAL, SUCH AS HANDLING PRACTICES, CHEMICAL CONCENTRATIONS AND VENTILATION. IT IS ULTIMATELY THE RESPONSIBILITY OF THE EMPLOYER TO FOLLOW REGULATORY GUIDELINES ESTABLISHED BY LOCAL AUTHORITIES

EYE PROTECTION: WEAR CHEMICAL SAFETY GOGGLES.
RESPIRATORY PROTECTION: USE NIOSH APPROVED RESPIRATOR IF EXPOSURE LIMITS ARE EXCEEDED, IRRITATION OCCURS OR IF USED IN AN ENCLOSED SPACE. USE IN A WELL VENTILATED AREA.
GLOVES: WEAR NEOPRENE OR NITRILE GLOVES.
OTHER PROTECTIVE EQUIPMENT: AS NEEDED TO PREVENT ALL CONTACT WITH PRODUCT.
SPECIFIC ENGINEERING CONTROLS: USE GENERAL MECHANICAL AND / OR LOCAL EXHAUST AS NEEDED TO MAINTAIN VAPOURS/ MISTS BELOW THE EXPOSURE LIMITS. USE IN A WELL VENTILATED AREA. VAPOURS TEND TO COLLECT IN LOW OR CONFINED AREAS. USE EXPLOSION PROOF EQUIPMENT. USE APPROPRIATE PROTECTION IN CONFINED SPACES.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: LIQUID
ODOUR AND APPEARANCE: CLEAR COLOURLESS LIQUID, MILD ODOUR
ODOUR THRESHOLD: NOT AVAILABLE
SPECIFIC GRAVITY: 0.79-0.80
VAPOUR PRESSURE : NOT AVAILABLE
VAPOUR DENSITY (AIR=1): NOT AVAILABLE
VOC CONTENT (%): 0 (ARB 310)
EVAPORATION RATE; NOT AVAILABLE
BOILING POINT; NOT AVAILABLE
PH: 6-8 (10% SOLUTION)
FREEZING POINT: NOT AVAILABLE
DENSITY (g/ ml): 0.79-0.80
COEFFICIENT OF WATER/OIL DISTRIBUTION: FORMS AN EMULSION IN WATER

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE WHEN USED AND STORED AS DIRECTED.
INCOMPATIBLE MATERIALS: AVOID ACIDS AND STRONG OXIDIZING AGENTS.
CONDITIONS OF REACTIVITY: AVOID EXCESSIVE HEAT, OPEN FLAMES AND ALL IGNITION SOURCES.
HAZARDOUS DECOMPOSITION PRODUCTS: INCOMPLETE COMBUSTION PRODUCES FUMES, SMOKE AND OXIDES OF CARBON AND NITROGEN.

SECTION 11: TOXICOLOGICAL INFORMATION

IRRITANCY OF PRODUCT: MODERATE IRRITANT
SENSITIZATION TO MATERIAL: ALPHA OLEFIN COMPONENT IS NOT A SENSITIZER.
CARCINOGENICITY, REPRODUCTIVE EFFECTS: NO KNOWN CARCINOGENS LISTED UNDER NTP, IARC OR OSHA. NO ADVERSE REPRODUCTIVE EFFECTS ANTICIPATED FOR GLYCOL ETHER COMPONENT.
TERATOGENICITY: NO ADVERSE TERATOGENIC EFFECTS ANTICIPATED FOR GLYCOL ETHER COMPONENT.
MUTAGENICITY: GLYCOL ETHER COMPONENTS USING BACTERIA AND CULTURED MAMMALIAN CELLS HAVE BEEN NEGATIVE FOR MUTAGENIC EFFECTS. NO HUMAN INFORMATION IS AVAILABLE. ALPHA OLEFIN IS NOT MUTAGENIC.
TOXICOLOGICALLY SYNERGISTIC PRODUCTS: GLYCOL ETHER COMPONENT MAY ENHANCE THE TOXICITY OF SOME CHLORINATED HYDROCARBONS, DITHIOCARBAMATES OR DIMETHYLNITROSAMINES.

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SECTION 12: ECOLOGICAL INFORMATION

THERE IS NO ECOLOGICAL INFORMATION AVAILABLE FOR PRODUCT. ECOTOXICOLOGICAL INFORMATION TO FOLLOW IS BASED LARGELY OR COMPLETELY ON INFORMATION FOR COMPONENTS.

AQUATIC TOXICITY:

FISH SPECIES DATA: GLYCOL ETHER LC50, 96 HR, BLUEGILL SUNFISH: 1300 mg/ L
GLYCOL ETHER LC50, 48 HR, GOLDEN ORFE: 2250 mg/ L
GLYCOL ETHER LC 50, 24 HR, GOLDFISH: 2700 mg/ L

INVERTEBRATES: GLYCOL ETHER LC 50, 24 HR, DAPHNIA MAGNA: 2850 mg/L
GLYCOL ETHER LC 50, 48 HR, DAPHNIA MAGNA: >100 mg/L

MICROORGANISMS: NOT AVAILABLE

(GROWTH INHIBITION) PLANTS: GLYCOL ETHER EC 50, SCENEDESMUS SUBSPICATUS: 100 mg/ L

GLYCOL ETHER COMPONENT IS PRACTICALLY NON-TOXIC TO AQUATIC ORGANISMS.

BIODEGRADABILITY: GLYCOL ETHER AND ALPHA OLEFIN COMPONENTS ARE EXPECTED TO BE READILY BIODEGRADABLE.
GLYCOL ETHER COMPONENT: BOD-5 DAYS 22-27%, 10 DAYS 60-80%, 20 DAYS 77-85%.

MOBILITY: ALPHA OLEFIN COMPONENT ADSORBS TO SOIL AND HAS LOW MOBILITY. FLOATS ON WATER.

PERSISTENCE: NOT AVAILABLE

BIOACCUMULATIVE: ALPHA OLEFIN COMPONENT HAS THE POTENTIAL TO BIOACCUMULATE. GLYCOL ETHER COMPONENT DOES NOT BIOACCUMULATE.

CHEMICAL FATE INFORMATION: NOT AVAILABLE

OTHER INFORMATION: GLYCOL ETHER COMPONENT CAN PHOTODEGRADE IN THE AIR. ESTIMATED HALF LIFE IS EXPECTED TO BE 10 HOURS WHEN RELEASED IN THE AIR.

SECTION 13: DISPOSAL CONSIDERATIONS

IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

TDG NOT REGULATED UNDER TDG
ADDITIONAL INFORMATION: NOT AVAILABLE
MARINE POLLUTANT: NO

SECTION 15: REGULATORY INFORMATION

DSL STATUS: LISTED

HMIS CLASSIFICATION (H, F, R, PE): 1,0,0, B

WHMIS CLASSIFICATION: D2B

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR (CONTROLLED PRODUCTS REGULATIONS) AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

SECTION 16: OTHER INFORMATION

DISCLAIMER: THIS INFORMATION WAS COMPILED FROM CURRENT, RELIABLE SOURCES AND IS BELIEVED TO BE CORRECT. AS DATA AND/ OR REGULATIONS CHANGE, AND CONDITIONS OF USE ARE BEYOND OUR CONTROL, NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.