

MATERIAL SAFETY DATA SHEET

Non-Bulk Packaging (Less than 119 gallons)

SECTION I

PRODUCT NAME OR NUMBER (as it appears on label) YUMAX P-307	DATE August 2004
MANUFACTURER'S NAME YUMA INDUSTRIES INCORPORATED	EMERGENCY PHONE # YUMA 317-398-9862 CHEMTREC 800-424-9300
ADDRESS (Number, Street, City, State, & Zip Code) 783 W. Mausoleum Road, Shelbyville, IN 46176 – 9720	
HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZ. CLASS, HAZ. ID # Not Regulated.	
ADDITIONAL HAZARD CLASSES (as applicable) None	
CHEMICAL FAMILY Rust Preventive Oil	FORMULA See Section II

SECTION II – INGREDIENTS

CAS REGISTRY#	Wt. %	CHEMICAL NAME	Listed as a carcinogen in NTP, IARC, or OSHA 1910 (specify)
64742-95-6	21-29	Solvent naphtha (petroleum), light aromatic Trimethylbenzene only; OSHA(PEL): TWA=25mg/m ³ for oil mist in air ACGIH(TLV): TWA=25mg/m ³ for oil mist in air	Not listed
64742-57-0	17-25	Petroleum lubricating oil base stock OSHA(PEL): TWA=5mg/m ³ for oil mist in air ACGIH(TLV): TWA=5mg/m ³ for oil mist in air	Not listed
61790-48-5	16-24	Sulfonic acid, petroleum barium salts SARA Title III Section 313 regulates release reporting of barium compounds. P-307B contains <1% as barium.	Not listed
64742-88-7	21-29	Solvent naphtha, petroleum, medium aliphatic OSHA(PEL): TWA=500mg/m ³ for oil mist in air ACGIH(TLV): TWA=100mg/m ³ for oil mist in air * Recommend using Standard solvent as guide	Not listed
Balance classified as Non-hazardous Ingredients			

SECTION III – PHYSICAL DATA

BOILING POINT Not available	SPECIFIC GRAVITY (H ₂ O=1) @15°C 0.88	ODOR THRESHOLD (ppm) Not available
VAPOR PRESSURE Not available	PERCENT VOLATILE (Vol.%) Not available	PERCENT SOLID (Wt.%) 45
VAPOR DENSITY Not available	EVAPORATION RATE Not available	FREEZING POINT (°C) Not available
SOLUBILITY IN WATER Negligible	pH Not applicable	MATERIAL IS Liquid
APPEARANCE & ODOR Dark Brown with kerosene odor	VOLATILE ORGANIC COMPOUNDS (VOC) Not available	

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT 42°C	METHOD USED P.M.C.C.	FLAMMABLE LIMITS LEL/UEL Not available	AUTO-IGNITION TEMPERATURE (°C) Not available
EXTINGUISHING MEDIA Carbon dioxide, dry chemical, foam, or water fog. Do not use a direct stream of water			
SPECIAL FIRE FIGHTING PROCEDURES Wear self- contained breathing apparatus. (NIOSH approved)			
UNUSUAL FIRE AND EXPLOSION HAZARDS Caution: Combustible liquid – may give off flammable vapors.			

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE See Section II		
EFFECTS OF OVEREXPOSURE – Conditions to avoid Over exposure can lead to skin and eye irritation and depression of central nervous system producing headaches, dizziness, nausea and loss of consciousness.		
PRIMARY ROUTES OF ENTRY	Inhalation: X Skin Contact: X	Eye Contact: Ingestion:
EMERGENCY AND FIRST AID PROCEDURES		
EYES: Flush with water for 15 minutes while holding eyelids open.		
SKIN: Wash with soap and water.		
INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult.		
INGESTION: Do not induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration of liquid into lungs		
In every case get medical attention as required.		

SECTION VI – REACTIVITY DATA

STABILITY: UNSTABLE: STABLE : X	HAZARDOUS POLYMERIZATION	MAY OCCUR: WILL NOT OCCUR: X
CONDITIONS TO AVOID None		
INCOMPATIBILITY (MATERIALS TO AVOID) Avoid strong oxidizing agents and strong acids.		
HAZARDOUS DECOMPOSITION PRODUCTS Carbon dioxide and unidentified organic compounds may form during combustion.		

SECTION VII – SPILL OR LEAK PROCEDURES

<p>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Avoid any potential sources of ignition of vapor. Take up with an absorbent material and place in non-leaking containers for proper disposal.</p>
<p>WASTE DISPOSAL METHOD Note: This product is a RCRA hazardous waste as a material containing extractable Ba, No. D005. Dispose of in accordance with local, state and federal regulations.</p>

SECTION VIII – SPECIAL PROTECTION INFORMATION

<p>RESPIRATORY PROTECTION (Specify type) Use NIOSH approved respirator as required to prevent over exposure.</p>	
<p>VENTILATION Local exhaust (Specify rate): Use local exhaust to capture vapor if necessary. Special: None Mechanical (general) (Specify rate): Use explosion-proof equipment. Other: No smoking or open lights.</p>	
<p>PROTECTIVE GLOVES (Specify type) Solvent resistant</p>	<p>EYE PROTECTION (Specify type) Safety glasses</p>
<p>OTHER PROTECTIVE EQUIPMENT Wear protective clothing as required to minimize contact.</p>	

SECTION IX – SPECIAL PRECAUTIONS

<p>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Keep away from heat, sparks and flames. Keep the container tightly closed and store in a cool place.</p>
<p>OTHER PRECAUTIONS Static electricity may accumulate and create a fire hazard. Container should be grounded/bonded.</p>