

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA[®] Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION		INFORMATION	
NFPA Rating: Health-1; Flammability-1; Reactivity-0; Special- - Manufacturer's Name: H & B Industries, Inc. Address: 9758 Abernathy Ave. Address: Dallas, TX 75220		HMIS Rating: Health-1; Flammability-1; Reactivity-0; Personal Protection-B DOT Hazard Classification: Non-Hazardous HB-581 Duraplex Grease	
Date Prepared: 02/05/2005 Prepared By: BSJ		MSDS Number: HB581 Revision - 3	
Information Calls: (800) 466-0855 Emergency Response Number: 1-800-535-5350		NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA	

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
PETROLEUM OIL MIXTURE	8002-05-9	No	5mg/M3 TWA for oil mist	5mg/M3 TWA for oil mist	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A	Specific Gravity (H2O=1): 0.8
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A	Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): <0.01
Vapor Density (Air = 1): 12	Evaporation Rate (= 1): N/A
Solubility in Water: Negligible	Water Reactive: No
Appearance and Odor: Red gel with oil odor.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A	Auto Ignition Temperature N/A	Flammability Limits in Air by % in Volume: % LEL: N/D % UEL: N/D
FLASH POINT AND METHOD USED (non-aerosols): >400°F COC	breathing apparatus. may retain product residue	EXTINGUISHER MEDIA: Dry chemical (preferred), carbon dioxide, foam, water.
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained		
Unusual Fire & Explosion Hazards: Empty containers near full, part full or empty drum.		
including flammable or explosive vapors. Do not cut, drill, grind or weld on or		

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY [X] STABLE [] UNSTABLE	HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR
Incompatibility (Mat. to avoid): Chlorine or oxygen.	Conditions to Avoid: Oxidizing atmospheres.
Hazardous Decomposition Products: Thermal: unidentified organics. Oxidation: oxides of carbon.	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY:	[] INHALATION [] INGESTION [X] SKIN ABSORPTION [] EYE [] NOT HAZARDOUS
ACUTE EFFECTS:	
Inhalation: Not expected to be a problem. Massive exposure to vapors or fumes may cause headaches, dizziness, and/or drowsiness.	
Eye Contact: May cause irritation.	Skin Contact: May cause irritation.
Ingestion: May cause vomiting, nausea, diarrhea.	
CHRONIC EFFECTS: None noted.	
Medical Conditions Generally Aggravated by Exposure: Dermatitis.	

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Wash with large amounts of water. If irritation persists, call a physician.
Skin Contact: Remove contaminated clothing. Wash with soap and water.
Inhalation: Remove to fresh air.
Ingestion: DO NOT INDUCE VOMITING. Give 3-4 glasses of water. Seek medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): None required.	Eye Protection: Splash goggles or safety glasses.
Protective Gloves: Oil resistant types.	
Ventilation Requirements: None required in excess to normal ventilation.	
Other Protective Clothing & Equipment: Oil resistant apron.	
Hygienic Work Practices: Do not work in oil soaked clothing. Wash after handling.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken If Material Is Spilled Or Released: Stop flow, dike spill, eliminate all ignition sources, absorb on inert material and scrape up.
Waste Disposal Methods: Dispose of in accordance with local, state and federal regulations.
Precautions To Be Taken In Handling & Storage: Avoid prolonged exposure to mist and vapors. Avoid flames, sparks and hot surfaces. Keep containers closed. Shelf life one year.
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Empty containers may contain explosive gas.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only

THIS MSDS IS CURRENT AS OF JULY 18, 2000. The DATE PREPARED section is the original date assembled and remains current until a change is necessary. This is tracked internally at the manufacturer by these date codes and therefore must remain as the originating date.