

Material Safety Data Sheet

MSDS

Section 1 – CHEMICAL PRODUCT AND COMPANY INFORMATION	
Product Brand: Bar's Leaks®	Product Part #: 1050
Bar's Products	Product Name: Rear Main Seal Repair
720 West Rose Street	24-Hour Emergency (CHEMTREC) 1-800-424-9300
P.O. Box 187	Information: 1-248-634-8278 / www.barsleaks.com
Holly, Michigan 48442	Date Prepared: 12/11/06

Section 2—COMPOSITION / INFORMATION ON INGREDIENTS					
Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS NUMBER	OSHA PEL	ACGIH TLV	Other Limits	% (optional)
Severely Solvent Refined Heavy Paraffinic Petroleum Oil	64741-88-4	5 mg/m³	5 mg/m³	None	< 50.0
Severely Solvent Refined - Residuum	64742-01-4	5 mg/m³	5 mg/m³	None	< 50.0
Polymeric Ester	Confidential	5 mg/m³	5 mg/m³	None	< 10.0
Alkoxy Heterocyclic Ether	398141-87-2	5 mg/m³	13 mg/m³	None	< 1.0
Olefin Copolymer	Confidential	5 mg/m³	5 mg/m³	None	< 20.0
Zinc Alkyl Dithiophosphate	68649-42-3	5 mg/m³	5 mg/m³	None	<< 1.0
Copolymer Ester	Confidential	5 mg/m³	5 mg/m³	None	< 1.0
All other components are considered to be non-hazardous as per OSHA 29 CFR 1910.1200.					

Section 3—HAZARDS IDENTIFICATION	
Potential Health Effects:	<p>EYE - Direct contact with the eyes can cause irritation, redness or blurred vision.</p> <p>SKIN - Avoid skin contact. Minimally irritating to the skin upon direct contact. Contact with the skin may cause transient dermal irritation or dryness.</p> <p>INHALATION - Not a probable inhalation hazard under normal usage.</p> <p>INGESTION - Do not ingest. This product has laxative properties and may result in abdominal cramps and diarrhea.</p>
Acute Health Hazards:	Prolonged and repeated exposure to oil mist may pose a risk of pulmonary disease such as chronic lung inflammation. This condition is usually asymptomatic as a result of repeated small aspirations. Shortness of breath and cough are the most common symptoms.
Chronic Health Hazards:	None expected on industrial level.
Medical Conditions Aggravated by Exposure:	Disorders or disease of the skin, or respiratory system.
Target Organ Effects:	No data available.
Carcinogenicity:	<p>OSHA No IARC No NTP No</p>

Section 4—FIRST AID MEASURES	
Eye:	Flush with clear water for 15 minutes.
Skin Contact:	Remove contaminated clothing and wash skin with water and mild soap. If redness or irritation persists, seek medical attention.
Inhalation:	Not considered to be an inhalation hazard. If breathing becomes difficult, remove to fresh air immediately. Seek medical attention.
Ingestion:	Has laxative effect resulting in rapid elimination. Do not induce vomiting. Give several glasses of water. Get medical attention.
Note To Physician:	Treat for clinical symptoms.

Section 5—FIRE FIGHTING MEASURES	
Flash Point (Method Used):	> 380°F (ASTM D92)
Flammable Limits	<p>LEL (lower explosion limit): Not determined</p> <p>UEL (upper explosion limit): Not determined</p>
Extinguishing Media:	Foam, dry chemical or carbon dioxide
Special Fire Fighting Procedures:	Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing

may occur. Especially if sprayed into containers of hot burning liquid.						
Unusual Fire and Explosion Hazards:	Extreme heat may cause sealed containers to rupture. Cool fire exposed containers with water spray.					
NFPA National Fire Protection Agency:	Health	1	Flammability	1	Reactivity	0
HMIS Hazardous Material Identification:	Health	1	Flammability	1	Reactivity	0 PP B

Section 6—ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures:	Notify appropriate authorities of spill. Contain spill immediately. Do not allow spill to enter sewers or watercourses. Remove all sources of ignition. Absorb with appropriate inert material such as sand, clay etc. Large spills may be picked up by using vacuum pumps, shovels, buckets or other means and place in drums or other suitable containers. Dispose in accordance with federal state, and local regulations.
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Section 7—HANDLING AND STORAGE

Storage Temperature (MIN/MAX):	Ambient	Shelf Life:	N/A
Handling/Storage Precautions:	Store in closed containers away from heat, sparks, flame or oxidizing materials. Do not transfer to unmarked containers. Use in well ventilated areas.		

Section 8—EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	
Respiratory Protection:	Respiratory protection is not required under conditions of normal use if vapor or mist is generated when material is heated or handled, use a NIOSH approved organic vapor respirator with a dust and mist filter.
Skin Protection:	None required in normal use. For prolonged or repeated contact, use impervious clothing (Gloves, aprons etc.) To cover exposed body parts.
Eye Protection:	Not required under normal use. Use splash-proof safety glasses or plastic face shields if splashing may occur.

Section 9—PHYSICAL / CHEMICAL PROPERTIES

Physical State:	Liquid	Freezing Point:	N/D
Appearance:	Amber Liquid	Melting Point:	N/A
Odor:	Petroleum Odor	Boiling Point °F (°C):	>500°F
Solubility in Water:	Nil	Evaporation Rate:	<<1
Specific Gravity (H ₂ O = 1):	0.87 @ 60°F	Vapor Density (AIR = 1):	N/D
pH:	No data	Vapor Pressure (mm Hg):	N/D
Percent Volatiles (VOC):	0%		

Section 10—STABILITY AND REACTIVITY

Chemical Stability:	Stable
Incompatibility:	None Known
Hazardous Decomposition Products:	Oxides of carbon, nitrogen, and sulfur from combustion
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	None Known

Section 11—TOXICOLOGICAL INFORMATION

Consumption of food and beverage should be avoided in work areas where hydrocarbons are present. Always wash hands and face with soap and water before eating, drinking or smoking.

Section 12—ECOLOGICAL INFORMATION

Ecotoxicological Information:	No data available
Environmental Fate:	No data available

Section 13—DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state and local regulations.

Section 14—TRANSPORTATION INFORMATION

U.S. Proper Shipping Name:	Not regulated
DOT (Domestic Surface) Hazard Class or Division:	Non-hazardous
IMO / IMDG (Ocean) Hazard Class Division Number:	N/A
ICAO / IATA (Air) Hazard Class Division Number:	N/A

Section 15—REGULATORY INFORMATION	
SARA Title III Section 302 Extremely Hazardous Substances:	None
SARA Title III Section 311/312 Hazard Categories:	N/A
SARA Title III Section 313 Toxic Chemicals:	Zinc Alkyl Dithiophosphate <1.0%
OSHA Status:	Not regulated
TSCA Status:	Chemical components listed on TSCA inventory
CIRCLA Reportable Quantity:	N/A

Section 16—OTHER INFORMATION			
N/A	Not Applicable	N/E	Not Established
N/D	Not Determined		

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