

Material Safety Data Sheet

MSDS

Section 1 – CHEMICAL PRODUCT AND COMPANY INFORMATION	
Product Brand: Bar's Leaks®	Product Part #: 1111
Bar's Products 10386 North Holly Road P.O. Box 187 Holly, Michigan 48442	Product Name: Head Gasket Fix 24-Hour Emergency U.S. & Canada 1-800-255-3924 CHEMTEL INC. International 813-248-0585 Information: 1-810-603-1321/ www.barsleaks.com
	Date Prepared: 08-03-10

Section 2—COMPOSITION / INFORMATION ON INGREDIENTS					
Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS NUMBER	OSHA PEL	ACGIH TLV	Other Limits	% (optional)
Sodium Silicate (Liquid Glass)	1344-09-8	2 mg/m ³	N/A	N/E	
<i>All other components are considered to be non-hazardous as per OSHA 29 CFR 1910.1200.</i>					

Section 3—HAZARDS IDENTIFICATION					
Potential Health Effects:	EYE -	Irritation, redness, burning			
	SKIN -	Irritation, redness			
	INHALATION -	Irritation			
	INGESTION -	Irritation, nausea, cramps, vomiting			
Acute Health Hazards:	Irritation of eyes.				
Chronic Health Hazards:	None expected on industrial level.				
Medical Conditions	Pre-existing skin conditions				
Aggravated by Exposure:					
Target Organ Effects:	No Data Available				
Carcinogenicity:	OSHA	No	IARC	No	NTP
					No

Section 4—FIRST AID MEASURES					
Eye:	Flush with clear water for 15 minutes.				
Skin Contact:	Wash with soap and water.				
Inhalation:	Remove to fresh air. If symptoms persist, seek medical attention.				
Ingestion:	DO NOT induce vomiting. If conscious, give several glasses of water. Call physician.				
Note To Physician:	Treat for clinical symptoms.				

Section 5—FIRE FIGHTING MEASURES									
Flash Point (Method Used):	None (TAG closed cup/ASTM D-56)								
Flammable Limits	LEL (lower explosion limit):	None							
	UEL (upper explosion limit):	None							
Extinguishing Media:	Non-combustible								
Special Fire Fighting Procedures:	Always use self contained breathing apparatus.								
Unusual Fire and Explosion Hazards:	None								
NFPA National Fire Protection Agency:	Health	1	Flammability	0	Reactivity				
HMIS Hazardous Material Identification:	Health	1	Flammability	0	Reactivity				
					PPE B				

Section 6—ACCIDENTAL RELEASE MEASURES					
Spill or Leak Procedures:	Contain spill. Collect and return large amounts to shipping container. Rinse spill area with water. Keep product out of the sewers and watercourses. If runoff occurs, notify authorities as required.				

Section 7—HANDLING AND STORAGE					
Storage Temperature (MIN/MAX):	N/E		Shelf Life:	N/E	
Handling/Storage Precautions:	Store in original container in area inaccessible to children and pets. Do not reuse container. Do not store sealed container near extreme heat. Do not store or mix with strong oxidizers. Avoid exposing product to freezing temperatures.				

Section 8—EXPOSURE CONTROLS/PERSONAL PROTECTION			
Engineering Controls:	Use adequate mechanical ventilation.		
Respiratory Protection:	Use NIOSH/MSHA approved respirators above exposure limits.		
Skin Protection:	Wear impervious gloves, long sleeved shirt and pants.		
Eye Protection:	Use chemical goggles or a face shield.		

Section 9—PHYSICAL / CHEMICAL PROPERTIES			
Physical State:	Liquid	Freezing Point:	N/D
Appearance:	Red-Brown with metallic flakes	Melting Point:	N/A
Odor:	Mild odor	Boiling Point °F (°C):	219°F (104° C)
Solubility in Water:	96%	Evaporation Rate:	Not Available
Specific Gravity (H₂O = 1):	1.14	Vapor Density (AIR = 1):	ND
pH:	10 – 11	Vapor Pressure (mm Hg):	<<1
Percent Volatiles (VOC):	<1%		

Section 10—STABILITY AND REACTIVITY			
Chemical Stability:	Stable		
Incompatibility:	None known		
Hazardous Decomposition Products:	None		
Hazardous Polymerization:	Will not occur.		
Conditions to Avoid:	Strong Acids		

Section 11—TOXICOLOGICAL INFORMATION			
Long-term toxicological studies have not been conducted for this product.			

Section 12—ECOLOGICAL INFORMATION			
Ecotoxicological Information: No Data Available			
Environmental Fate: No Data Available			

Section 13—DISPOSAL CONSIDERATIONS			
Spilled material, unused contents and empty containers must be disposed of in accordance with local, state and federal regulations.			

Section 14—TRANSPORTATION INFORMATION			
U.S. Proper Shipping Name: N/A			
DOT (Domestic Surface) Hazard Class or Division: Non Hazardous			
IMO / IMDG (Ocean) Hazard Class Division Number: Not Regulated			
ICAO / IATA (Air) Hazard Class Division Number: Not Regulated			

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: None			
OSHA Status: Not Regulated			
TSCA Status: Chemical components listed on TSCA inventory.			
CERCLA Reportable Quantity: N/A			

Section 16—OTHER INFORMATION			
Data supplied is for the use only in connection with occupational, safety and health. While the information and recommendations sent forth herein are believed to be accurate as of the date thereof, Bar's Products makes no warranty with respect thereto and disclaims all liability from reliance therein.			
N/A	Not Applicable	N/E	Not Established
N/D	Not Determined		

