

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration

Form Approved  
OMB No. 44-R1387

# MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

MANUFACTURER'S NAME <b>Bar's Leaks, Inc. Div. of Fre-Bar, Inc.</b>		TELEPHONE NO. <b>(313) 634-8278</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>720 W. Rose Street Holly, Michigan 48442</b>		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS <b>Bar's Leaks</b>
CHEMICAL FAMILY	FORMULA <b>U.S. Patent #2580719</b>	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS		NA	BASE METAL		NA
CATALYST		NA	ALLOYS		NA
VEHICLE		NA	METALLIC COATINGS		NA
SOLVENTS		NA	FILLER METAL PLUS COATING OR CORE FLUX		NA
ADDITIVES		NA	OTHERS		NA
OTHERS		NA			
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
<b>Water soluble oil and a organic material (root)</b>					

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	<b>335°</b>	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	<b>0.96</b>
VAPOR PRESSURE (mm Hg.)	<b>0.001</b>	PERCENT, VOLATILE BY VOLUME (%)	<b>NA</b>
VAPOR DENSITY (AIR=1)	<b>10+</b>	EVAPORATION RATE (_____ =1)	<b>1000 X Slower</b>
SOLUBILITY IN WATER	<b>Miscible</b>		
APPEARANCE AND ODOR	<b>Dark Amber - Slight Odor</b>		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	<b>335° F</b>	FLAMMABLE LIMITS	Lel	Uel
			<b>NA</b>	<b>NA</b>
EXTINGUISHING MEDIA	<b>Water Fog - Dry Chemical CO-2</b>			
SPECIAL FIRE FIGHTING PROCEDURES	<b>Wear Self-Contained breathing gear when in confined spaces</b>			
UNUSUAL FIRE AND EXPLOSION HAZARDS	<b>NA</b>			