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

Form Approved  
OHS No. 44-R-1387

# MATERIAL SAFETY DATA SHEET

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

W. J. ...  
60066

Serv. # 449562

## SECTION I

MANUFACTURER'S NAME <b>Viscosity Oil Company</b>		EMERGENCY TELEPHONE NO. <b>312-847-0224</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>3200 S. Western Ave. Chicago, IL 60608</b>		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS <b>VISCOF 1736</b>
CHEMICAL FAMILY <b>Petroleum Hydrocarbon</b>	FORMULA <b>N/A</b>	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES					
Petroleum Oil (as mist)					
					80-955 mg/M <sup>3</sup>

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	Wide Range	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	0.89
VAPOR PRESSURE (mm Hg.)	Nil	PERCENT. VOLATILE BY VOLUME (%)	Nil
VAPOR DENSITY (AIR=1)	5+	EVAPORATION RATE (_____ -1)	1000+
SOLUBILITY IN WATER	Nil		
APPEARANCE AND ODOR			

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Methods used)	<b>430°F (COC)</b>	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	<b>Water fog, foam, CO<sup>2</sup>, Dry chemical</b>			
SPECIAL FIRE FIGHTING PROCEDURES				
UNUSUAL FIRE AND EXPLOSION HAZARDS				

### SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE **5mg/M<sup>3</sup>**

EFFECTS OF OVEREXPOSURE  
**Oral toxicity - LD50 greater than 15g/Kg (Rats)**  
**Eye irritation**

EMERGENCY AND FIRST AID PROCEDURES  
**Ingestion - give liquids, induce vomiting**  
**eye contact - flush with water for 15 min.**  
**skin contact - wash with soap & water**

### SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid) <b>Strong oxidizers may cause ignition</b>			
HAZARDOUS DECOMPOSITION PRODUCTS <b>CO, Asphyxiants</b>			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

### SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED  
**Absorb on suitable medium**

WASTE DISPOSAL METHOD **Incinerate under safe conditions, or bury in Sanitary Landfills.**

### SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) <b>Usually none needed</b>		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES	<b>No</b>	EYE PROTECTION <b>Safety Glasses</b>
OTHER PROTECTIVE EQUIPMENT <b>None</b>		

### SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING  
**Normal handling & storage of petroleum products**

OTHER PRECAUTIONS

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## SECTION I

MANUFACTURER'S NAME Viscosity Oil Company		EMERGENCY TELEPHONE NO. (312) 847-0224
ADDRESS (Number, Street, City, State, and ZIP Code) 3200 S. Western Avenue - Chicago, Illinois 60608		
CHEMICAL NAME AND SYNONYMS N/A		TRADE NAME AND SYNONYMS ML-54-I Grease
CHEMICAL FAMILY Lithium soap, petroleum hydrocarbon	FORMULA Proprietary	

## SECTION II—HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

## SECTION III—PHYSICAL DATA\*

BOILING POINT (°F.) Approx. Range	Above 400°F	SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	0.889
VAPOR PRESSURE (mm Hg.)	NA	PERCENT VOLATILE BY VOLUME (%)	NA
VAPOR DENSITY (AIR = 1)	NA	EVAPORATION RATE (Ether = 1)	NA
SOLUBILITY IN WATER @ 25°C	Negligible	(NA: Not applicable)	
APPEARANCE AND ODOR	Amber semi-solid grease with mineral oil odor		

## SECTION IV—FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	COC: 400°F (204°C)	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA	Dry chemical, CO <sub>2</sub> , foam, water fog, sand/earth			
SPECIAL FIRE FIGHTING PROCEDURES	Firefighters should wear a self-contained breathing apparatus			
UNUSUAL FIRE AND EXPLOSION HAZARDS	Dense smoke			