

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

Form Approved
OMB No. 44-R1387

4/16/79

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 Exxon Company, U.S.A.		EMERGENCY TELEPHONE NO. (713) 656-3424
ADDRESS (Number, Street, City, State, and ZIP Code) P.O. Box 2180, Houston, Texas 77001		
CHEMICAL NAME AND SYNONYMS Electrical Insulating		TRADE NAME AND SYNONYMS Univolt N 61
CHEMICAL FAMILY Petroleum Hydrocarbon	FORMULA Complex mixture of petroleum hydrocarbons	

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.)	IBP-FBP	550-750°F	SPECIFIC GRAVITY (H ₂ O=1) @ 15°C	.878
VAPOR PRESSURE (mm Hg.)	@ 20°C	< 0.01	PERCENT VOLATILE BY VOLUME (%)	Negligible
VAPOR DENSITY (AIR=1)		8.9	EVAPORATION RATE (100% = 1)	< 0.01
Solubility in water		Negligible		
APPEARANCE AND ODOR Water white colored liquid. Slight petroleum odor.				

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	Cleveland Open Cup	160°C (320°F)	FLAMMABLE LIMITS (% by volume in air)	LeL	UeL
EXTINGUISHING MEDIA	Foam, dry chemical, carbon dioxide or water fog or spray.				
SPECIAL FIRE FIGHTING PROCEDURES	Use air-supplied breathing equipment for enclosed areas.				
UNUSUAL FIRE AND EXPLOSION HAZARDS	Cool exposed containers with water spray. Avoid breathing vapor or flames.				
Do not mix or store with strong oxidants like liquid chlorine or concentrated oxygen.					

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

5 mg/m³ for oil mist in air. (OSHA Regulation 29 CFR 1910.1000)

EFFECTS OF OVEREXPOSURE

Prolonged or repeated skin contact may cause mild skin irritation.

EMERGENCY AND FIRST AID PROCEDURES

If ingested DO NOT induce vomiting. Call a Physician. In case of skin contact, wash thoroughly with soap and warm water. If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
Strong oxidants like liquid chlorine, concentrated oxygen, sodium or calcium hypochlorite			
HAZARDOUS DECOMPOSITION PRODUCTS			
Fumes, smoke, carbon monoxide & sulfur oxides, in the case of incomplete combustion.			
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

Recover free liquid. Add absorbent (sand, earth, sawdust, etc.) to spill area.

Keep petroleum products out of sewers and watercourses by diking or impounding.

Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas.

WASTE DISPOSAL METHOD

Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved waste disposal site or facility.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) Normally not needed. Use supplied-air respiratory protection in confined or enclosed spaces.

VENTILATION	LOCAL EXHAUST Use local exhaust to capture fumes and vapors.	SPECIAL Provide greater than 60 fpm hood or face velocity OTHER for confined areas.
	MECHANICAL (General)	

PROTECTIVE GLOVES Use chemical resistant gloves if needed to avoid prolonged skin contact, shield when eye contact may occur.

OTHER PROTECTIVE EQUIPMENT Use chemical resistant apron or other clothing if needed to avoid prolonged skin contact.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep containers closed when not in use. Do not handle or store near heat, sparks, flame or strong oxidants.

OTHER PRECAUTIONS

Avoid breathing oil mist. Remove oil-soaked clothing and launder before re-use.

Discard oil-soaked shoes. Wash skin thoroughly with soap and water after handling.

For additional information on health effects contact:

PAGE (2) Director of Industrial Hygiene
GPO 930-540 (713) 656-2443

Manager, Marketing Technical Services
(713) 656-4929

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