

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

Form 100-20
OSHA No. 3-71377

HAZARD SAFETY DATA SHEET

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

SECTION I

MANUFACTURER'S NAME General Electric Company		EMERGENCY TELEPHONE NO. Rome, Ga. 404-234-0211
ADDRESS (Number, Street, City, State, and ZIP Code) Redmond Circle, Rome, Ga. 30161 or 100 Woodlawn Ave., Pittsfield, Mass. 01201		TRADE NAME AND SYNONYMS Pyranol, Aroclor
CHEMICAL NAME AND SYNONYMS Chlorinated Biphenyl/Chlorinated Benzene Blend		FORMULA
CHEMICAL FAMILY Askerol/Chlorinated Aromatics		

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.)	410-780°F	SPECIFIC GRAVITY (H ₂ O=1)	1.56-1.57
VAPOR PRESSURE (mm Hg.)	Approx. 1 mm @ 104°F	PERCENT VOLATILE BY VOLUME (%)	Rome, Ga. 60 Pittsfield, Mass. 40
VAPOR DENSITY (AIR=1)	Approximately 6.5	EVAPORATION RATE (H ₂ O=1)	6 Hrs. @ 212°F 30 - 37%
SOLUBILITY IN WATER	Nil		
APPEARANCE AND ODOR	Clear Liquid with Yellow Tint. Slight acrid odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Minimum used)	Cleveland Open Cup None to Boiling Point	FLAMMABLE LIMITS	None	Low	High
EXTINGUISHING MEDIA	None Required				
SPECIAL FIRE FIGHTING PROCEDURES	MONS 029610				
	Material is nonflammable				
UNUSUAL FIRE AND EXPLOSION HAZARDS	Gases produced by electric arcing contain high percentage of HCl; the unpleasantness and irritation caused by HCl give ample warning of its' presence.				

SECTION V - HEALTH HAZARD DATA

PEL VALUE	Vapor 0.5 - 1.0 mgm/cu. meter/8 Hr. Day
LD 50 (RAT) EXPOSURE	Dermatitis; Possible Chloracne - Eye Irritation
See ANSI C107.1 - 1974	
EMERGENCY AND FIRST AID PROCEDURES	
1. Remove from exposure.	
2. Wash skin; irrigate eyes.	
3. Consult physician.	

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS HCl when arced electrically			
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
Use Fuller's earth to avoid spread of liquid. Immediate sweeping of the area is required with disposal into drum container designated for Pyranol contaminated
Fuller's earth - see ANSI C-107.1-1974.
WASTE DISPOSAL METHOD
Incineration
See ANSI C107.1-1974 "Guidelines for handling and disposal of capacitor - and transformer-grade askarels containing polychlorinated biphenyls".

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) Gas mask or organic canister type or self-contained breathing apparatus to be used in emergency if exposed to high concentration of askarel		
VENTILATION	LOCAL EXHAUST	SPECIAL OF ITS-AIRED PRODUCTS
MECHANICAL (General)		OTHER
PROTECTIVE GLOVES Use gloves of neoprene, polyethylene or Viton		EYE PROTECTION Safety glasses or eye shields
OTHER PROTECTIVE EQUIPMENT Use aprons of neoprene, polyethylene or Viton.		

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Avoid open exposure of hot askarels (>130°F). Be alert for possible allergic reactions. Normally shipped in metal containers. After handling, wash hands with soap and water, and wash before eating, drinking, smoking or use of toilet facilities.
OTHER PRECAUTIONS