

**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		9/86
MANUFACTURER'S NAME PHILIP A. HUNT CHEMICAL CORP.		EMERGENCY TELEPHONE NO. 201-944-4000
ADDRESS (Number, Street, City, State, and ZIP Code) Palisades Park, New Jersey 07650		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS Gestetner PMT 1 Toner
CHEMICAL FAMILY	FORMULA	

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)
Mixed Isodecanes				99	300

SECTION III - PHYSICAL DATA			
BOILING POINT (°F.) IBP - FBP	320-350	SPECIFIC GRAVITY (H ₂ O=1)	0.747
VAPOR PRESSURE (mm Hg.) @ 25°C	36	PERCENT, VOLATILE BY VOLUME (%)	99+
VAPOR DENSITY (AIR=1)	5	EVAPORATION RATE n-Butyl Acetate = 1	0.45
SOLUBILITY IN WATER	0.01		
APPEARANCE AND ODOR	Black, mobile liquid; faint hydrocarbon odor.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (Method used) 102°-107°F Tag Closed Cup, ASTM D56	FLAMMABLE LIMITS	L _g 0.8%	U _g 7.0%
EXTINGUISHING MEDIA Foam-type extinguishers - superior to CO ₂ extinguishers.			
SPECIAL FIRE FIGHTING PROCEDURES Avoid water - it tends to spread hydrocarbon solvent fires.			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			

Purpose: Office Copier Toner

Description: A dispersion in 99+% of a high purity synthetic isoparaffin hydrocarbon mixture, of less than 1% of a dyed insoluble resinous mixture.

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE Inhalation: Maximum Allowable Concentration, 300 ppm for 8-hour working day.	
EFFECTS OF OVEREXPOSURE Inhalation: Headache, nausea; for more severe exposure: mild depression and/or respiratory irritation.	
Ingestion: Upset stomach; possible irritation & nausea.	
EMERGENCY AND FIRST AID PROCEDURES Inhalation: Remove from solvent-laden area to fresh air area.	
Accidental Ingestion: Do not induce vomiting; call physician immediately.	
Eyes: Flush thoroughly with clean warm water for at least 15 minutes. If irritation persists, call physician.	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS			
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 Remove ignition sources. If amount is small (under 1 pint) allow to evaporate - increasing air circulation if possible - and avoid any sparks or open flames. If amount is large, try to contain and sop up into a container which can be closed.	
WASTE DISPOSAL METHOD Large containers of waste must be handled by persons or firms with facilities for disposal. For example, controlled burning. Do not discharge into sewers, streams or waterways.	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type) None needed		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER Normal air conditioning
PROTECTIVE GLOVES None needed	EYE PROTECTION None needed	
OTHER PROTECTIVE EQUIPMENT None needed		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Keep containers closed. Avoid storage near heat, strong light (if containers are clear), sparks or open flame.	
OTHER PRECAUTIONS Avoid use in a small closed room or confined area with poor air circulation.	