

# MATERIAL SAFETY DATA SHEET

LANIER  
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SUPERCEDES: November 1980

ISSUED: August 1983  
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## 1. PRODUCT IDENTIFICATION

CHEMICAL FAMILY: Metallic Elements || TRADE NAME: Type 479 Photoconductor Drum for Harris/3M Model M565 Copier

DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME: N/A

DEPARTMENT OF TRANSPORTATION HAZARD CLASS: N/A

## 2. INGREDIENTS

	PERCENT	CAS NO.	EXPOSURE LIMITS	SOURCE*
Coating: Selenium Tellurium Alloy	90-93	7782-49-2	0.2 MG/M <sup>3</sup>	
SE				
TE	7-10	13494-80-9	0.1 MG/M <sup>3</sup>	
Drum: Aluminum drum base for coating of alloy to about 60 micrometers of thickness.				

\* SOURCE OF EXPOSURE LIMIT DATA:

A. ACGTH THRESHHOLD LIMIT VALUES

B. FEDERAL OSHA PERMISSIBLE EXPOSURE LIMIT

C. LANIER GUIDELINES

D. MANUFACTURER RECOMMENDED GUIDELINES

E. NONE ESTABLISHED

ABBREVIATIONS: N/A = NOT APPLICABLE...N/D = NOT DETERMINED

## 3. PHYSICAL DATA

BOILING POINT: 1256-1292 °F || SOLUBILITY IN H2O: Negligible  
VAPOR PRESSURE: N/A AT °F || SPECIFIC GRAVITY (H<sub>2</sub>O=1): 4.3 (coating)  
VAPOR DENSITY: N/A (AIR = 1) || pH: N/A  
EVAPORATION RATE: N/A (ETHER = 1) || VISCOSITY:  
% VOLATILE: 0

APPEARANCE AND ODOR: Cylindrical aluminum drum. Gray, glassy alloy surface.

## 4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TEST METHOD): N/A || FLAMMABILITY LIMITS:  
LEL = N/A UEL = N/A

EXTINGUISHING MEDIA:  
Dry chemical or sand

SPECIAL FIRE FIGHTING PROCEDURES:  
None

UNUSUAL FIRE AND EXPLOSION HAZARDS:  
Selenium and Tellurium vapors

## 5. REACTIVITY DATA

STABILITY: STABLE | X | UNSTABLE | | HAZARDOUS POLYMERIZATION: MAY OCCUR | | MAY NOT OCCUR | X |

INCOMPATIBILITY - MATERIALS TO AVOID:  
Acids, oxidizing agents, nascent hydrogen

CONDITIONS TO AVOID:  
Open flame

HAZARDOUS DECOMPOSITION PRODUCTS:  
Selenium - Tellurium vapors at high temperatures.

TRADE NAME: 479 Photoconductor Drum		DATE: August 1983	
<b>6. ENVIRONMENTAL INFORMATION</b>			
SPILL RESPONSE: (OBSERVE ALL PRECAUTIONS IN SECTION 7): N/A			
RECOMMENDED DISPOSAL: Observe precautionary information from other sections. Send to an aluminum recycling center or dispose by landfill in accordance with state and local regulations.			
ENVIRONMENTAL DATA:			
<b>7. PRECAUTIONARY INFORMATION</b>			
Avoid skin contact with drum surface. In case of contact wash with soap and water. Store drums at a temperature below 95°F and avoid exposure to moisture or chemical vapors.			
<b>8. HEALTH HAZARD DATA</b>		<b>9. SUGGESTED FIRST AID</b>	
EYE CONTACT:  Not applicable		None	
SKIN CONTACT:  Hazard associated with skin contact with the drum surface is low. However, handling the drum coating may damage electro-conductivity of the surface. Avoid skin contact.		Wash affected area with soap and water. Wear gloves for protection.	
INHALATION:  Industrial hygiene studies conducted on the copiers indicate the levels of selenium and tellurium emitted are well below the threshold limit values for the compounds. Inhalation hazard associated with drum is quite low.		Remove person to fresh air. Call a physician.	
IF SWALLOWED:  Not applicable		None	

THE INFORMATION ON THIS DATA SHEET REPRESENTS OUR CURRENT DATA AND BEST OPINION AS TO THE PROPER USE IN HANDLING OF THIS PRODUCT UNDER NORMAL CONDITIONS. USING THE PRODUCT WHICH IS NOT IN CONFORMANCE WITH THIS DATA SHEET OR WHICH INVOLVES USING THE PRODUCT IN COMBINATION WITH ANY OTHER PRODUCT OR ANY PROCESS IS THE RESPONSIBILITY OF THE USER.