

# MATERIAL SAFETY DATA SHEET

LANIER  
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 ATLANTA, GA 30345-2979  
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SUPERCEDES: None

ISSUED: March 1984  
 DOCUMENT NO:  
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DPI I.D. NUMBER: CP-108

## 1. PRODUCT IDENTIFICATION

CHEMICAL FAMILY: Metallic Elements	TRADE NAME: Photoconductor Drum for Harris/3M M-586 Copier
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DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME:  
N/A

DEPARTMENT OF TRANSPORTATION HAZARD CLASS:  
N/A

## 2. INGREDIENTS

INGREDIENTS	PERCENT	CAS NO.	EXPOSURE LIMITS	SOURCE*
Coating: Selenium Tellurium				
Alloy SE	>87	7782-49-2	0.2 MG/M <sup>3</sup>	
TE	<13	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. ACGIH THRESHOLD 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: 1296-1292 °F	SOLUBILITY IN H <sub>2</sub> O: Negligible
VAPOR PRESSURE: 550mm at 1220, 760mm at 1274 °F	SPECIFIC GRAVITY (H <sub>2</sub> O=1): 4.3
VAPOR DENSITY: 5.5 (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: Photoconductor Drum for M-586

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6. ENVIRONMENTAL INFORMATION

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:

7. PRECAUTIONARY INFORMATION

Avoid skin contact with drum surface. In case of contact wash with soap and water.

8. HEALTH HAZARD DATA

EYE CONTACT:

Not applicable

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.

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.

IF SWALLOWED:

Not applicable

9. SUGGESTED FIRST AID

None

Wash affected area with soap and water. Wear gloves for protection.

Remove person to fresh air. Call a physician.

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 ANOTHER PRODUCT OR ANY PROCESS IS THE RESPONSIBILITY OF THE USER.