

# MATERIAL SAFETY DATA SHEET

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## 1. PRODUCT IDENTIFICATION

CHEMICAL FAMILY:

Metallic Elements

TRADE NAME: Type 478 Photoconductor Drum for the  
Harris/JM Model M545 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				
SE	90-93	7782-49-2	0.2 MG/M <sup>3</sup>	
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 THRESHOLD LIMIT VALUES

C. LANIER GUIDELINES

E. NONE ESTABLISHED

B. FEDERAL OSHA PERMISSIBLE EXPOSURE LIMIT

D. MANUFACTURER RECOMMENDED GUIDELINES

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
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: 478 Photoconductor Drum

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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. Store drums at a temperature below 95°F and avoid exposure to moisture or chemical vapors.

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