

MATERIAL SAFETY DATA SHEET

LANIER
2300 PARKLAKE DRIVE, N.E.
ATLANTA, GA 30345-2979
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SUPERCEDES: None

ISSUED: November 1980
DOCUMENT NO:
DUNS NO: 150634004

DPI I.D. NUMBER: CP-110

1. PRODUCT IDENTIFICATION

CHEMICAL FAMILY:

Metallic Elements

TRADE NAME:

"Secretary" III Drum, Type 883

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, <10% Tellurium

100

0.2 MG/M³

Drum: Aluminum drum base for
coating of alloy to about
60 micrometer thickness.

* SOURCE OF EXPOSURE LIMIT DATA:

A. ACGH 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: Alloy - 1272 °F

SOLUBILITY IN H₂O: None

VAPOR PRESSURE: Selenium AT 356 °F (1mm)

SPECIFIC GRAVITY (H₂O=1): N/A

VAPOR DENSITY: N/A (AIR = 1)

pH: N/A

EVAPORATION RATE: N/A (ETHER = 1)

VISCOSITY:

% VOLATILE: N/A

APPEARANCE AND ODOR: Cylindrical aluminum drum, coated with alloy. Gray, glassy surface.
No odor.

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:

Free Selenium burns in air with a bright blue flame.

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: "Secretary" III Drum, Type 883 DATE: November 1980

6. ENVIRONMENTAL INFORMATION

SPILL RESPONSE: (OBSERVE ALL PRECAUTIONS IN SECTION 7):
Observe precautions from other sections when disposing of drum.

RECOMMENDED DISPOSAL:

May be sanitary landfilled in accordance with all Federal, State, and Local regulations.
Or, send to an aluminum recycling center or resource recovery vendor.

ENVIRONMENTAL DATA:

7. PRECAUTIONARY INFORMATION

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

8. HEALTH HAZARD DATA

9. SUGGESTED FIRST AID

EYE CONTACT:

N/A

N/A

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 with soap and water.

INHALATION:

Industrial hygiene studies conducted on the "Secretary" III copier indicate levels of selenium and tellurium emitted are well below the threshold limit values for the compounds. Inhalation hazard associated with the drum is quite low.

Remove to fresh air. General ventilation is adequate for copying machine operation.

IF SWALLOWED:

Not applicable

N/A

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.