

MATERIAL SAFETY DATA SHEET

LANIER
 2300 PARKLAKE DRIVE, N.E.
 ATLANTA, GA 30345-2979
 EMERGENCY TELEPHONE:
 (404) 621-1395 (9AM-6PM)
 (800) 333-2679 (6PM-8AM)

SUPERCEDES: None

ISSUED: November 1983
 DOCUMENT NO:
 DUNS NO: 150634004

OPI I.D. NUMBER: CP-106

1. PRODUCT IDENTIFICATION

CHEMICAL FAMILY:

Metallic Elements

TRADE NAME: Type 493 Photoconductor Drum for the
 3M M-576 and M-577

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

>87

7782-49-2

0.2 MG/M³

TE

<13

13494-80-9

0.1 MG/M³

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. HARRIS/3M 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 H₂O: Negligible

VAPOR PRESSURE: 550mm at 1220, 760mm at 1274 °F

SPECIFIC GRAVITY (H₂O=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.

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