

# MATERIAL SAFETY DATA SHEET

LANIER  
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SUPERCEDES:

DPI I.D. NUMBER: CP-112

ISSUED: 11/05/86  
DOCUMENT NO:  
DUNS NO: 150634004

## 1. PRODUCT IDENTIFICATION

CHEMICAL FAMILY:

Metallic Elements; Alloy

TRADE NAME:

Harris/3M Photoconductors: Class II

DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME:

N/A

DEPARTMENT OF TRANSPORTATION HAZARD CLASS:

N/A

## 2. INGREDIENTS

|   | PERCENT | CAS NO.     | EXPOSURE LIMITS | SOURCE* |
|---|---------|-------------|-----------------|---------|
| Aluminum Cylinder<br>(Substrate) A13003 coating | 98<br>2 | 007429-90-5 | N/A             |         |
| Coating consists of: SE                         | 98-99   | 007782-49-2 | N/A             |         |
| TE  | 0.5-1.5 | 013494-80-9 | N/A             |         |
| AS  | 0.5     | 007440-38-2 | N/A             |         |

PERCENT

CAS NO.

EXPOSURE LIMITS

SOURCE\*

Coating consists of: SE  
TE  
AS

98-99  
0.5-1.5  
0.5

007782-49-2  
013494-80-9  
007440-38-2

N/A  
N/A  
N/A

\* SOURCE OF EXPOSURE LIMIT DATA:

A. ACGTH 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: 680 °C °F SOLUBILITY IN H2O: Negligible

VAPOR PRESSURE: 20°C AT 0mmbar °F SPECIFIC GRAVITY (H2O=1): 4.3 g/m<sup>3</sup>

VAPOR DENSITY: N/A (AIR = 1) pH: N/A

EVAPORATION RATE: N/A (ETHER = 1) VISCOSITY:

% VOLATILE: N/A

APPEARANCE AND ODOR: Coating solid, black, 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

SPECIAL FIRE FIGHTING PROCEDURES: Wear masks when temperature of coating above boiling point, avoid water, use dry chemicals.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

N/A

## 5. REACTIVITY DATA

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

INCOMPATIBILITY - MATERIALS TO AVOID:

Strong oxidizing acids, peroxides, alkaline solutions, carbon-disulfide, amines, cyanides, ammonia.

CONDITIONS TO AVOID:

Do not raise temperature above mp. 220°C. Toxic fumes may occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Toxic fumes of SE, TE, and AS oxide.

TRADE NAME: Harris/3M Photoconductors: Class II DATE: 11/05/86

**6. ENVIRONMENTAL INFORMATION**

**SPILL RESPONSE:** (OBSERVE ALL PRECAUTIONS IN SECTION 7):

Put used drums in carton box from where you took the new drum to avoid chipping of coating.

**RECOMMENDED DISPOSAL:**

When drum becomes used, it will be considered hazardous waste. Therefore, it should not be disposed of in an uncontrolled manner. Best solution is to send used drum back to manufacturer/seller as goods for separation of ingredients (coating and substrates). Any other method may violate Federal regulations.

**ENVIRONMENTAL DATA:**

Arsenic, Selenium, Tellurium are poisonous materials. As the coating is strongly adherent to the aluminum substrate. There are no hazards as long as photoreceptor drum is used according determination. Do not burn or use for other than extended purpose. Decomposition of the product may be hazardous.

**7. PRECAUTIONARY INFORMATION (concerning electrophotographic properties)**

(reaction to be taken in handling and storing)

1. Please do not store the drums in areas where they will be subject to high temperatures, high humidity, direct rays of the sun or come in direct contact with chemical fumes. Storage temperatures should not exceed certain limits (long term max. 30°C, see separate Transport and Storage Information).
2. Please do not touch, damage, or contaminate the surface of the drum, because function will be negatively influenced.

**8. HEALTH HAZARD DATA**

**EYE CONTACT:**

Unknown

**SKIN CONTACT:**

Negligible, but allergic reactions may occur.  
Handle drum with disposable gloves.

**INHALATION:**

Yes, in case of dust, fumes as in case of fire.

**IF SWALLOWED:**

Yes, in case of dust, if drum is not used for its intended purpose, e.g., layer is taken off by mechanical means.

**9. SUGGESTED FIRST AID**

Wash affected area.

Seek medical attention.

Seek medical attention.

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.