



Lanier Worldwide, Inc.
2300 Parklake Dr., N. E.
Atlanta, GA 30345-2979
Emergency Telephone: (800) 526-4371

MATERIAL SAFETY DATA SHEET

Section 1: Chemical Product and Company Information

| | | | |
|--------------------------------|--|----------------------|--|
| Identity: | 6755/6765 Drum | MSDS No. | CP-124 |
| Product ID: | C2005-2585 | Issued: | 07/31/2000 |
| | | Supersedes: | 08/29/1997 |
| Synonyms & Common Names: | Drum, Photoconductor for Lanier M6755, 6765, 6775, 7375 | Date: | 07/31/2000 |
| Uses: | M6755, 6765, 6775, 7375 Copier | Prepared by: | EH&S Department, 770-496-9500 |
| | | Approved by: | Larry B. Choskey, Manager, CEH&S |
| Chemical Formula: | Article | European Contact: | Lanier Worldwide Inc. Walter Fricke, Manager, Safety & Environment Im Taubental D-41468 Neuss, Germany +49-2131-387-177 |

Section 2: Composition / Information on Ingredients

| | PERCENT | CAS No. | EXPOSURE LIMITS | SOURCE |
|-------------------------------|---------|-----------|-----------------|--------|
| Aluminum cylinder Coating: | > 97.0 | 7429-90-5 | Not listed | n/a |
| Arsenic triselenide | < 3 | 1303-33-9 | Not listed | n/a |

Section 3: Hazards Identification

Hazard Rating:

FIRE = 0

HEALTH = 0

REACTIVITY = 0

SPECIAL = none

Health Hazards (Acute, Chronic, Immediate and Potential): There are no hazards as long as the drum is used according to specification. If drum is heated above 842°F (450°C), toxic fumes of selenium and arsenic oxides are formed.

Health Hazards of Long Term exposure (Chronic): none

Section 4: First Aid Measures

| | | | |
|----------------------|--|---------------------|------|
| Inhalation: | None. Only after fire, after inhalation, move to fresh air, keep respiratory tract free and seek medical help. | Eye Contact: | none |
| Skin Contact: | none | Ingestion: | none |

Section 5: Fire Fighting Measures

Suitable extinguishing media: CO₂, dry chemical, foam or water.

Extinguishing media which may not be used for safety reasons: none

In case of fire the generation of toxic fumes with selenium and arsenic oxides is possible. Avoid inhalation of smoke.

Special protective equipment for fire fighters: Self-contained breathing apparatus.

UEL: n/a

LEL: n/a

Section 6: Accidental Release Measures

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No special precaution.

Section 7: Handling and Storage

Special Handling: Cleanse skin after contact before breaks or meals, and end of workday.
Special Storage: Keep out of reach of children. Store in a cool, dry place.

Section 8: Exposure Control and Personal Protection Information:

Respiratory Protection: none required under normal use. Hand Protection: none required under normal use.
Eye Protection: none required under normal use. Skin Protection: none required under normal use.

Section 9: Physical and Chemical Properties

CHARACTERISTICS:

| | | | |
|----------------------|-----------------------|-----------------|--------------------------|
| Appearance: | Black | Vapor pressure: | < 10 ⁻¹⁰ mbar |
| Form: | Solid cylinder | Melting point: | 384°C |
| Odor: | Odorless | Boiling point: | 820°C |
| Solubility in Water: | Insoluble | Ignition point: | > 800°C |
| Bulk density: | 4.6 g/cm ³ | | |

Section 10: Stability and Reactivity

Conditions to avoid: Temperatures above the melting point of 384°C, As₂Se₃ vapor occurs. Above 450°C evolution of selenium and arsenic oxides occur.

Materials to avoid: Non-oxidizing acids evolve hydrogen from aluminum substrate. Nitric acid evolves nitrogen oxides from the coating. Caustic alkali and hydrogen peroxide.

Stability: Stable

Hazardous decomposition products: Arsenic and selenium oxides when burned. Arsenic and selenium hydrides from contact with strong alkaline solutions. Avoid exposure to the above chemicals.

Section 11: Toxicological Information:

When the product is used according to specification, there is no hazard present. In case of contact with oxygen containing moisture (e.g. on the skin), small amounts of selenium and arsenic oxides may be evolved, which may cause local skin disease. Long-term assimilation due to inhalation of dust may cause symptoms of chronic poisoning.

The photoreceptor coating consists of highly pure arsenic selenide. Little is known about the toxic effects of the material, due to the small extent of the application of the material. It may not be toxic, like the homologous arsenic triselenide in pure form.

Section 12: Environmental / Ecological Information

There is no aquatic toxicity because the coating is not soluble in water. Since the photoreceptor has no vapor pressure, mobility due to emission is not expected.

Section 13: Disposal Consideration

Used drums must be disposed of in a controlled manner. The best solution is to send the used drums back to the manufacturer. Disposal occurs by hydrodynamic separation of the coating and the substrate. The two components are recycled separately.

Section 14: Transportation Information

None. This is not a hazardous product.

Section 15: Regulatory Information

German Directions: Storage Class VCI: 11

Section 16: Miscellaneous Information

The product must not be classified in accordance with EC Directive 88/379/EEC or the German directions §3a ChemG and §§ 2 and 15 GefStoffV.

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. On the basis of the data available to us, this drum is not a dangerous substance. One should, however, observe the usual precautionary measures for dealing with chemicals.