

MATERIAL SAFETY DATA SHEET

(DIN 52 900)

Trade Name: 6432 Drum (OPC)

Lanier

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- 1. Product Identification: Lanier 6432 Drum**
Chemical Family: Organic Photo Conductor

1.1 Ingredients: (Chemical character)	Percent	CAS No.	Exposure Limits	Source*
Aluminum Alloy	95.0 - 98.0			
Binder Resin	0.5 - 2.0			
Organic semiconductor	0.3 - 0.8			
*Titanium dioxide	0.5 - 2.0	13463-67-7	10 mg/m ³	A

This product is an article and not subject to TSCA (USA) and EINECS.

*Photosensitive drum is considered non-hazardous. Titanium dioxide (13463-67-7) is regulated as total dust by OSHA and ACGIH. Organic-photo conductive layer is laid on the surface of an aluminum cylinder.

1.2 Form: Cylinder **1.3 Color:** Charcoal **1.4 Smell:** Odorless

* Source of Exposure Limit Data:

- A. ACGIH 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

2. Physical & Safety Data - (Test = Tested in accordance with _____ specifications)

<p>2.1 Change in Physical State</p> <p>Boiling Point: <u>N/A</u></p> <p>Evaporation Rate: (Ether=1) <u>Neg</u></p> <p>2.2 Vapor Density:(Air=1) <u>N/A</u></p> <p>Bulk Density: <u>N/A</u></p> <p>2.3 Vapor Pressure: <u>Neg</u></p> <p>2.4 Viscosity: <u>N/A</u></p> <p>Specific Gravity:(H2O=1) <u>N/D</u></p> <p>2.5 Solubility in H2O: <u>Neg</u></p> <p>2.6 pH Value: <u>N/A</u></p> <p>% Volatile: <u>N/A</u></p> <p>2.7 Flashpoint: <u>N/A</u></p> <p>Flammability Limits: <u>N/A</u> LEL <u>N/A</u> UEL</p> <p>2.8 Ignition Temperature <u>N/A</u></p> <p>2.9 Explosion Limit <u>N/A</u> Lower <u>N/A</u> Upper</p>	Test	<p>2.10 Thermal Decomposition: <u>Melting pt 100C or higher</u></p> <p>2.11 Hazardous Decomposition Product/s: <u>None</u></p> <p>2.12 Hazardous Reactions: <u>None</u></p> <p>Reactivity Data</p> <p>Stability: Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/></p> <p>Hazardous Polymerization: May Occur <input type="checkbox"/> Will not Occur <input checked="" type="checkbox"/></p> <p>Conditions to Avoid: <u>None that we are aware of</u></p> <p>Materials to Avoid: <u>None</u></p> <p>2.13 Additional Information: <u>None available</u></p>
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3. Department of Transportation (Transport) GGVSee/IMDG Code: N/A UN No.: N/A ICAO/IATA-DGR: N/A

Proper Shipping Name: N/A GGVE/GGVS: N/A RID/ADR: N/A DNR: N/A

Other Information: N/A

4. Department of Transportation (Regulations) - N/A

Hazard Class: N/A

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PRECAUTIONARY INFORMATION

5. Protective Measures for Storage and Handling: None
- 5.1 Technical Protective Measures: None (None required under normal use)
- 5.2 Personal Protective Equipment: None Respiratory Protection: None Eye Protection: None
Hand Protection: None Other: None
- 5.3 Industrial Hygiene: No data available, but recommend washing with soap and water after handling.
- 5.4 Fire and Explosion Protection: This material has no unusual fire or explosion hazards.
- 5.5 Recommended Disposal: Return to Lanier Worldwide, Inc. or dispose of per local, state & federal regulations.

SPILL RESPONSE

6. Measures in case of Accidents and Fires: No unusual fire or explosion hazards.
- 6.1 After Spilling / Leakage / Gas Leakage: Not applicable
- 6.2 Extinguishing Media:
- Suitable Fire Fighting Material: In machine: CO2, dry chemical or foam Outside machine: CO2, dry chemical, foam or water
Material to Avoid: None
- Special Fire Fighting Procedures: No special extinguishing media is required.
- Unusual Fire and Explosion Hazards: This material has no unusual fire and explosion hazards.

HEALTH HAZARD DATA

6.3 FIRST AID:

Eye Contact:

None

None required

Skin Contact:

No corroding or irritating effect is expected with normal use and handling.

Recommend washing hands after handling.

Inhalation:

None

None required

If Swallowed:

None

None required

- 6.4 Further Information: Medical conditions generally aggravated by exposure? None that we are aware of. Only mechanical hazards are expected. Usual treatment is sufficient.

7. Toxicological Information: Ames test result is non-mutagenic Carcinogenicity: NTP? N/L IARC? N/L
Oral LD50: Greater than 5,000 mg/kg (Rat)

8. Ecological (Environment) Information: OSHA regulated? Not listed