



A RICOH COMPANY

MATERIAL SAFETY DATA SHEET

Lanier Worldwide, Inc.
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Atlanta, GA USA 30345-2979

Emergency Telephone: 800-526-4371

Section 1: Chemical Product and Company Information

Identity:	Photoconductor in Cartridge Type 115	MSDS No.	CP- 159
Product ID:	480-0094	Issued:	03/04/2005
Synonyms & Common Names:	Drum, Photoconductor, AIO for Lanier LP032, AP2610	Supersedes:	06/12/2003
Uses:	Lanier LP032, AP2610, LP135n	Date:	03/04/2005
Chemical Formula:	Mixture / article	Prepared by:	EH&S Department 770-496-9500
		Approved by:	Larry Choskey, Manager, CEH&S
		European Contact:	Walter Fricke, Manager, Safety & Environment, Lanier Worldwide, Inc. Im Taubental D-41468 Neuss, Germany +49-2131-387-177

Section 2: Composition / Information on Ingredients

	PERCENT	CAS No.	EXPOSURE LIMITS	SOURCE
Aluminum substrate	98	7429-90-5	Not listed	N/a
Stilben derivative	< 1	89114-91-0	Not listed	N/a
Polycarbonate	< 1	25135-52-8	Not listed	N/a
Titanium dioxide	< 1	13463-67-7	10 mg/m3	ACGIH TLV
Organic pigment	< 1	26201-32-1	15 mg/m3	OSHA PEL
Bisbenzylbenzene derivative	< 1	15742-68-4	Not listed	N/a

Section 3: Hazards Identification

HMIS Rating:

FLAMMABILITY = 1

REACTIVITY = 0

HEALTH = 0

SPECIAL = none

Health Hazards (Acute, Chronic, Immediate and Potential): none.

Health Hazards of Long Term exposure (Chronic): none.

Based on the definition of an article as defined by 29 CFR 1910.1200, this product is among those items, which are dependent upon their shape and design during end use and do not release or otherwise result in exposure to a hazardous chemical under normal conditions of use. Therefore, it is exempt from CAS # disclosure.

This product contains no known hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Section 4: First Aid Measures

Inhalation:	None	Eye Contact:	None
Skin Contact:	Wash thoroughly with soap & water	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

Special protective equipment for fire fighters: none

UEL: n/a

LEL: n/a

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Section 6: Accidental Release Measures

Not applicable

Section 7: Handling and Storage

Special Handling: Cleanse skin after contact before breaks or meals, and end of workday.
Do not touch surface of drum.
Special Storage: Avoid direct sunlight. 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:	Navy blue	Melting point:	N/a
Form:	Cylinder	Vapor pressure:	N/a
Odor:	None	Vapor density:	N/a
Solubility in Water:	Insoluble	Evaporation rate:	N/a
Specific gravity:	N/a	Boiling point:	N/a
Bulk Density:	N/a		

Section 10: Stability and Reactivity

Conditions to avoid: none Materials to avoid: none Stability: Stable
Hazardous decomposition products: none

Section 11: Toxicological Information:

Ames test: n/a Acute skin irritation: Non-irritant
Acute oral toxicity: 2000mg/kg (rat) main ingredients Acute allergenic effects: 0%
Special effects: Carcinogenicity: no data

Section 12: Environmental / Ecological Information

Acute toxicity to fish: n/a Bioaccumulation: Not known in bioaccumulation
Persistence/Degradability: Not known Acute toxicity to daphnia: Not available
Algae inhibition test: Not available

Section 13: Disposal Consideration

Used OPC drums should be disposed of or recycled in an environmentally safe manner and in accordance with governmental regulations. Disposal regulations vary from locality to locality, therefore consult your local Lanier office or the EPA to determine the proper method for disposal. Used drums can be sent back to Lanier Worldwide, Inc. in Atlanta, Georgia, USA, for recycling.

Section 14: Transportation Information

International regulations:			
RID/ADR	Not applicable	ICAO-TI/ATA-DGR	Not applicable
DOT 49 CFR	Not applicable	UN Classification Number	Not applicable
ADNR	Not applicable	IMDG Code	Not applicable

Specific precautionary transport measures: Avoid direct sunlight. Do not keep over 43°C (109°F).
Specific material to avoid: None in normal use.

Section 15: Regulatory Information

Regulation: None known.

Section 16: Miscellaneous Information

Judgment as to the suitability of information contained herein for user's purposes is the responsibility of the purchaser. Therefore, although reasonable care has been taken in the preparation of this information, Lanier Worldwide, Inc. extends no warranties, makes no representations, and assumes no responsibility as to the accuracy or suitability of such information for application to user's intended purposes or for consequences of its use. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we do not guarantee that these are the only hazards that exist.

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 product is not a dangerous substance. One should, however, observe the usual precautionary measures for dealing with chemicals.