

# MATERIAL SAFETY DATA SHEET

Emergency Telephone: 800-551-3087

## Section 1: Chemical Product and Company Information

Identity:	<b>Cyan Developer Type 145</b>	MSDS No.	<b>CP- 754</b>
Product ID:	480-0290	Issued:	01/17/2005
Synonyms & Common Names:	Color Developer Cyan Type 145 PCU	Supersedes:	<b>none</b>
Uses:	Lanier LP126c, LP126cn, LP125cx	Date:	<b>01/17/2005</b>
Chemical Formula:	Mixture	Prepared by:	<b>EH&amp;S Department 770-496-9500</b>
		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
Ferrite	50 – 90	1309-37-1	5 mg/m <sup>3</sup> 5 mg/m <sup>3</sup> 10 mg/m <sup>3</sup>	OSHA PEL ACGIH TWA ACGIH STEL
Ferrite	15 – 45	1344-43-0	0.2 mg/m <sup>3</sup> 5 mg/m <sup>3</sup> 10 mg/m <sup>3</sup>	OSHA PEL ACGIH TWA ACGIH STEL
Polyester resin	5 – 25	Confidential	Not listed	N/a
Organic pigment	< 1	147-14-8	Not listed	N/a

## Section 3: Hazards Identification

**HMIS Rating:**  
FLAMMABILITY = 1  
REACTIVITY = 0  
HEALTH = 1  
SPECIAL = none

**Health Hazards (Acute, Chronic, Immediate and Potential):** product is stable, nonflammable powder. If used as intended the product does not present an acute or chronic health hazard.

**Health Hazards of Long Term exposure (Chronic):** no data is available on this product.

**Carcinogenicity:** This product does not contain the carcinogenic substances, which are listed in NTP, IARC, and are regulated by OSHA.

## Section 4: First Aid Measures

<b>Inhalation:</b>	Remove to fresh air if effects occur. Get medical attention if needed.	<b>Eye Contact:</b>	In case of contact, immediately flush eyes with water for 15 minutes. Get medical attention if needed.
<b>Skin Contact:</b>	Wash with soap and water. Wash clothing before reuse. If irritation occurs or is persistent, seek medical attention.	<b>Ingestion:</b>	Dilute stomach contents with several glasses of water. Get medical attention if needed.

## Section 5: Fire Fighting Measures

<b>Suitable extinguishing media:</b> CO <sub>2</sub> , dry chemical, foam or water fog.	<b>Extinguishing media which may not be used for safety reasons:</b> none
<b>Special protective equipment for fire fighters:</b> none UEL: n/a                      LEL: n/a	<b>Unusual fire or explosion hazards:</b> Dust of this product at sufficient concentrations can form explosive mixtures with air.

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## Section 6: Accidental Release Measures

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**Spill / leak Procedures:** If spilled, sweep up using an approved toner vacuum with a 0.5 micron filter or smaller, such as the Atrix AAA Toner Vacuum or 3M Toner Vacuum. Use of a vacuum cleaner not rated for toner particles, could result in a fire or personal injury. Remove residue with soap and cold water.

Miscellaneous: Keep product out of sewers and watercourses.

Personal protection: Avoid inhalation of dust.

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## Section 7: Handling and Storage

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**Special Handling:** Cleanse skin after contact before breaks or meals, and end of workday.  
Do not handle in areas where the wind blows.

Minimize the breathing of dust.

**Special Storage:** Avoid direct sunlight. Keep out of reach of children. Store in a cool, dry place. Below 35C (95F)

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## Section 8: Exposure Control and Personal Protection Information:

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**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.

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## Section 9: Physical and Chemical Properties

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**CHARACTERISTICS:**

Appearance:	Cyan	Melting point:	N/a
Form:	Powder	Vapor pressure:	N/a
Odor:	Slight plastic odor	Vapor density:	N/a
Solubility in Water:	Insoluble	Evaporation rate:	N/a
Specific gravity:	Approximately 5	Boiling point:	N/a

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## Section 10: Stability and Reactivity

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**Conditions to avoid:** none

**Hazardous decomposition products:** will not occur

**Polymerization:** none

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## Section 11: Toxicological Information:

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**Ames test:** negative

**Acute oral toxicity:** > 5000mg/kg

**Carcinogenicity:** no data is available on this product.

**Teratogenicity:** not available

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## Section 12: Environmental / Ecological Information

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**Bioaccumulation:** Not known in bioaccumulation

**Environmental degradation:** not known

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## Section 13: Disposal Consideration

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Used developer should be disposed of under conditions that meet all federal, state and local environmental regulations. Disposal regulations vary from locality to locality; therefore consult your local Lanier office or the EPA to determine the proper method for disposal. Do not incinerate loose or spilled developer.

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## Section 14: Transportation Information

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### International regulations:

<b>RID/ADR</b>	Not applicable	<b>ICAO-TI/ATA-DGR</b>	Not applicable
<b>DOT 49 CFR</b>	Not applicable	<b>UN Classification Number</b>	Not applicable
<b>ADNR</b>	Not applicable	<b>IMDG Code</b>	Not applicable

**Specific precautionary transport measures:** Avoid direct sunlight. Do not keep over 35°C (95°F).

**Product label:** Photoconductor Unit Type 145 Color (Developer) Cyan

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## Section 15: Regulatory Information

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**Regulation:** **Canadian Disclosure List:**  
Ferrite (1309-37-1)

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## Section 16: Miscellaneous Information

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