



Lanier Worldwide, Inc.
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MATERIAL SAFETY DATA SHEET

Section 1: Chemical Product and Company Information

Identity: **Cyan Developer for 5710**
Product ID: 200-0228
MSDS No. **CP- 709**
Issued: 10/5/99
Supersedes: **None**
Date: **10/5/99**
Synonyms & Common Names: Cyan Developer for Lanier 5710, 5710E
Prepared by: **Lanier QA/EH&S Department 770-493-2361**
Approved by: **Larry Choskey, Sr. Quality Assurance Engineer**
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Uses: Lanier 5710, 5710E Color Copier
Chemical Formula: Mixture

Section 2: Composition / Information on Ingredients

	PERCENT	CAS No.	EXPOSURE LIMITS	SOURCE
Ferrite powder	68 – 78	1309-37-1	not listed	n/a
Ferrite powder	10 – 14	1317-38-0	not listed	n/a
Ferrite powder	7 – 19	1314-13-2	not listed	n/a
Polyole resin	< 5	186359-26-2	Not listed	N/a
Organic pigment	< 1	147-14-8	Not listed	N/a
Organic salt	< 1	42405-40-3	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): Minimum irritation to respiratory tract may occur as with exposure to any non-toxic dust. May cause gasping if inhaled. Inhalation should be avoided. May cause temporary eye discomfort.

Health Hazards of Long Term exposure (Chronic): No data available.

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: Gargle with water. Remove to fresh air if effects occur.
Eye Contact: Try to remove with eye drops or flush with water. Get medical attention if needed.
Skin Contact: Wash with soap and water.
Ingestion: Dilute stomach contents with several glasses of water. Get medical attention.

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
Airborne dispersal of most finely divided organic powder such as developer may form an explosive mixture. Do not incinerate loose or spilled developer.

This material will burn in case of fire. The decomposition products are CO, CO₂, and No_x. Avoid inhalation of smoke.

Special protective equipment for fire fighters: none

UEL: n/a LEL: n/a

Section 6: Accidental Release Measures

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.

Section 7: Handling and Storage

Special Handling: Cleanse skin after contact before breaks or meals, and end of workday.
Special Storage: Avoid direct sunlight. Keep out of reach of children. Store in a cool (below 95°F, 35°C), dry place.

Miscellaneous: Do not handle in windy areas. Flying powder may enter eyes. Minimize inhalation of dust. Cleanse skin thoroughly after contact, before breaks and meals, and at end of work periods.

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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:	Blue	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
Bulk density:	~1.9 g/cm ³	Boiling point:	n/a

Section 10: Stability and Reactivity

Conditions to avoid: none

Materials to avoid: none

Stability: Stable

Hazardous decomposition products: CO and CO₂ and other decomposition products when burned.

Section 11: Toxicological Information:

Ames test negative

Section 12: Environmental / Ecological Information

None

Section 13: Disposal Consideration

Used developer should be disposed of 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. Do not incinerate loose or spilled developer.

Section 14: Transportation Information

None. This is not a hazardous product.

Section 15: Regulatory Information

Canadian Disclosure List: Ferrite Powder (1314-13-2), Ferrite Powder (1309-37-1)

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.