

MATERIAL SAFETY DATA SHEET

Emergency Telephone: 800-551-3087

Section 1: Chemical Product and Company Information

Identity:	Development Unit Yellow	MSDS No.	CP- 748
Product ID:	B1163008	Issued:	11/09/2004
Synonyms & Common Names:	Developer Black, Development Unit	Supersedes:	none
Uses:	Lanier LD228c, LD232c, L238c	Date:	11/09/2004
Chemical Formula:	Mixture	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
Ferrite powder	5-20	1317-38-0	Not listed	N/a
Ferrite powder	5-20	1314-13-2	10 mg/m ³	ACGIH
Ferrite powder	60-80	1309-37-1	5 mg/m ³	ACGIH
Polyole resin	< 5	Confidential	Not listed	N/a
Organic pigment	< 1	77804-81-0	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 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

Inhalation:	Gargle with water. Remove to fresh air if effects occur. Get medical attention if needed.	Eye Contact:	In case of contact, immediately flush eyes with water for 15 minutes. 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

Special protective equipment for fire fighters: none
UEL: n/a LEL: n/a

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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.

Miscellaneous: Keep product out of sewers and watercourses.

Personal protection: Avoid inhalation of dust.

Section 7: Handling and Storage

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

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

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:	Yellow	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:	N/a	Boiling point:	N/a
Density:	Approx. 5 g/cm ³		

Section 10: Stability and Reactivity

Conditions to avoid: none

Materials to avoid: none

Stability: Stable

Hazardous decomposition products: will not occur

Section 11: Toxicological Information:

Ames test negative

Acute skin irritation: non-irritant

Acute oral toxicity: >5000mg/kg (rat)

Acute allergenic effects: no data

Special effects: **Carcinogenicity:** No data is available on this product.

Section 12: Environmental / Ecological Information

Acute toxicity to fish: not available

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 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

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 35°C (95°F).
Specific material to avoid: None in normal use.

Section 15: Regulatory Information

Regulation: Canadian disclosure list:
Ferrite Powder (1314-13-2)
Ferrite Powder (1309-37-1)

Section 16: Miscellaneous Information

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