

MATERIAL SAFETY DATA SHEET

Emergency Telephone: 800-551-3087

Section 1: Chemical Product and Company Information

Identity:	Yellow Developer	MSDS No.	CP- 752
Product ID:	B1869630	Issued:	12/23/2004
Synonyms & Common Names:	Developer Yellow	Supersedes:	none
Uses:	Lanier LC031c	Date:	12/23/2004
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
Manganese oxide	20 – 30	1344-43-0	0.2 mg/m ³ 5 mg/m ³	ACGIH TWA OSHA CL
Magnesium oxide	< 5	1309-48-4	15 mg/m ³ 10 mg/m ³	OSHA PEL ACGIH TWA
Iron oxide	65 – 75	1309-37-1	15 mg/m ³ 10 mg/m ³	OSHA TWA ACGIH TWA
Polyester resin	< 10	Confidential	Not listed	N/a
Organic pigment	< 1	Confidential	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

Inhalation:	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. Wash clothing before reuse. If irritation occurs or is persistent, seek medical attention.	Ingestion:	Dilute stomach contents with several glasses of water. Get medical attention if needed.

Section 5: Fire Fighting Measures

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

MATERIAL SAFETY DATA SHEET

Page 2 of 3 CP-752

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.

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)

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:	Approximately 5	Boiling point:	N/a

Section 10: Stability and Reactivity

Conditions to avoid: none

Hazardous decomposition products: will not occur

Polymerization: none

Section 11: Toxicological Information:

Ames test: negative

Acute oral toxicity: > 5000mg/kg

Carcinogenicity: no data is available on this product.

Teratogenicity: not available

Section 12: Environmental / Ecological Information

Bioaccumulation: Not known in bioaccumulation

Environmental degradation: not known

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.

MATERIAL SAFETY DATA SHEET

Page 3 of 3 CP-752

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).

Product label: Yellow Developer

Section 15: Regulatory Information

Regulation:	Canadian disclosure list:
	Magnesium oxide (1309-48-4)
	Iron oxide (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.