



A RICOH COMPANY

# MATERIAL SAFETY DATA SHEET

Lanier Worldwide, Inc.  
2300 Parklake Drive, NE  
Atlanta, GA USA 30345-  
2979

Emergency Telephone: 800-526-4371

## Section 1: Chemical Product and Company Information

Identity:	<b>Color Developer – Yellow</b>	MSDS No.	<b>CP- 738</b>
Product ID:	480-0077	Issued:	06/04/2003
Synonyms & Common Names:	Developer for Lanier LP036c Development Unit Type 5000 Color Yellow	Supersedes:	<b>None</b>
Uses:	Lanier LP036c	Date:	<b>06/04/2003</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
Polyester resin	> 80	Confidential	Not listed	N/a
Acrylic resin	< 10	Confidential	Not listed	N/a
Silicon compound	< 3	7631-86-9	Not listed	N/a
Organic pigment	< 10	77804-81-0	Not listed	N/a

## Section 3: Hazards Identification

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

### Health Hazards, Immediate and Potential):

#### Primary Entry Routes:

Inhalation: Yes  
Skin: No  
Ingestion: No

**Medical conditions aggravated by exposure: N/A**

**Chronic Effects:** 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>	Gargle with water. 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.	<b>Ingestion:</b>	Dilute stomach contents with several glasses of water. Get medical attention.

## Section 5: Fire Fighting Measures

Suitable extinguishing media: CO<sub>2</sub>, 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.  
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:	N/a	Boiling point:	N/a
Density:	1.2 g/cm <sup>3</sup>		

## 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: non-skin sensitive  
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.

## 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.

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### Section 15: Regulatory Information

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**Regulation:** Not known

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### Section 16: Miscellaneous Information

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