



**Lanier Worldwide, Inc.**  
 2300 Parklake Dr., N. E.  
 Atlanta, GA 30345-2979

**Emergency Telephone:** (800)526-4371

**MATERIAL SAFETY DATA SHEET**

**Section 1: Chemical Product and Company Information**

Identity:	Toner for M1110 MFD	MSDS No.	FX-057
Product ID:	491-0267	Issued:	10/11/95
Synonyms & Common Names:	Toner, Toner Cartridge, Print Cartridge	Supersedes:	none
Uses:	M1110 MFD	Filed/ Prepared by:	Lanier QA/EH&S Department
Chemical Formula:	Mixture	Date:	3/2/98

**Section 2: Ingredients/Hazard Identity Information**

	<b>PERCENT</b>	<b>CAS No.</b>	<b>EXPOSURE LIMITS</b>	<b>SOURCE</b>
Polyester resin	85	confidential	not listed	n/a
Carbon Black	1 ~ 5	1333-86-4	3.5 mg/m <sup>3</sup>	OSHA PEL, ACGIH TLV *
Polypropylene	1 ~ 3	9003-07-0	not listed	n/a
Organic pigment	1 ~ 3	confidential	not listed	n/a
Amorphous silica	< 1	7631-86-9	not listed	n/a

\*PEL as the product: 15mg/m<sup>3</sup> (total dust), 5mg/m<sup>3</sup> (respirable dust)  
 \*TLV as the product: 10mg/m<sup>3</sup> (total dust), 5mg/m<sup>3</sup> (respirable dust)

**Section 3: Hazards Identification**

**CHARACTERISTICS:**

Appearance:	Black	Specific Gravity:	1.2
Form:	Fine powder		
Odor:	Faint odor		
Solubility in Water:	Negligible		

**Hazard Rating:**

FIRE = 1	HEALTH = 0
REACTIVITY = 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. Inhalation should be avoided.

**Section 4: First Aid Measures**

**Section 5: Fire and Explosion Data**

# MATERIAL SAFETY DATA SHEET

Page 2

Inhalation:	Remove to fresh air if effects occur. Consult local medical personnel	Suitable extinguishing media: CO <sub>2</sub> , dry chemical, foam or water.
Skin Contact	Wash with soap and water.	Extinguishing media which may not be used for safety reasons: none
Eye Contact:	In case of contact, immediately flush eyes with water for 15 minutes.	Special exposure hazards arising from the substance or preparation itself, combustion products and resulting gases: The decomposition products are CO, CO <sub>2</sub> , and No <sub>x</sub> . Avoid inhalation of smoke.
Ingestion:	Dilute stomach contents with several glasses of water. Call a physician.	Special protective equipment for fire fighters: This material will burn in the case of fire. Wear self-contained breathing apparatus and full protective gear. UEL: n/a                      LEL: n/a

## Section 6: Accidental Release Measures

Sweep up or clean up with an approved toner vacuum.

## Section 7: Handling and Storage

Special Handling: none  
Special Storage: No special storage requirements for safety reasons. Store in a cool, dry place.

## 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: Stability and Reactivity

Conditions to avoid: None  
Materials to avoid: None  
Hazardous decomposition products: CO, CO<sub>2</sub>, and No<sub>x</sub> when burned.

## Section 11: Toxicological Information:

Acute oral toxicity (rat) LD<sub>50</sub>: Over 5.0 g/kg  
Skin irritation (rabbit): None  
Ames Test result: Negative

## Section 12: Environmental Information

None

## Section 13: Disposal Information

Waste material may be dumped under conditions which meet all federal, state and local environmental regulations.

## Section 14: Transportation Information

None

## Section 15: Regulatory Information

None

## Section 16: Miscellaneous Information

None