

651/5758-B



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>Black Toner</b>	MSDS No.	<b>CP- 313</b>
Product ID:	117-0188	Issued:	06/13/2003
Synonyms & Common Names:	Black Toner for Lanier 6745, 6735	Supersedes:	<b>07/31/2000</b>
Uses:	Lanier 6745, 6735	Date:	<b>06/13/2003</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
Styrene acrylate resin	60 – 90	2567-47-9	Not listed	N/a
Carbon black	5 – 10	1333-86-4	3.5 mg/m <sup>3</sup> 3.5 mg/m <sup>3</sup>	OSHA PEL ACGIH TWA
Polypropylene	1 – 5	9003-07-0	Not listed	N/a
Organic pigment	0.5 – 1	116810-46-9	3.5 mg/m <sup>3</sup> 3.5 mg/m <sup>3</sup>	OSHA PEL ACGIH TWA
Silica	< 1	7631-86-9	3.5 mg/m <sup>3</sup> 3.5 mg/m <sup>3</sup>	OSHA PEL ACGIH TWA

\*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

### 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):** Prolonged inhalation of excessive dust may cause lung damage. It is attributed to "lung overloading", a generic response to excessive amounts of any dust retained in the lungs for a prolonged interval. Use of this product, as intended, does not result in inhalation of excessive dust.

**Carcinogenicity:** Carbon Black was reclassified as a Group 2B by the IARC in 1996 based upon the result of only the inhalation study in rats. However, there was not observed the incidence of tumors on the test results on dermal or oral studies. Also, 2-years inhalation study using a typical toner containing carbon black showed no association between toner exposure and animal tumors.

## 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
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Special protective equipment for fire fighters: none

UEL: n/a

LEL: n/a

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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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#### US/Canada Information

OSHA Hazard Communication Standard, 29CFR 1910.1200: Not regulated

Toxic Substance Control Act (TSCA): All chemical substances in this product comply with all applicable rules or orders under TSCA.

RCRA (40 CFR 261): Product or components not listed.

CERCLA/SARA Information: Not regulated.

NTP Annual Report on Carcinogens: Not listed as an NTP carcinogen.

IARC: See section 11.

California Proposition 65: Neither toner, or any of the components, are listed as chemicals known to the State of California to cause cancer or reproductive system effects.

Controlled Products Regulations (Canada): This product has been classified in accordance with the hazard criteria of the CPR.  
Other State Regulations: Carbon black is listed in the New Jersey Right to Know List, Pennsylvania Hazardous Substance List, and Massachusetts Substance List.

U.S./Canada Label Statements: LOW HAZARD FOR RECOMMENDED HANDLING. Minimize dust generation and accumulation. Use with adequate ventilation.

#### EU Information

Label Information According to Directives 67/548 EEC & 88/379 EEC:

Symbol & Indication: Not required

Risk Phrase: Not required

Safety Advise Phrase: Not required

EEC Directive (76/548 EEC, 79/831 EEC, 92/32 EEC): All chemical substances in this product comply with all applicable rules or order under EEC Directive.

The Subject of Specific Provisions in Relation to Protection of Man or the Environment. Directive 76/769/EEC: Not required  
National requirement: No specific regulations or restrictions.

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### Section 16: Miscellaneous Information

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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.