

MATERIAL SAFETY DATA SHEET

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:	Black	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:	5.0 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:** non-skin sensitive
Special effects: Carcinogenicity: In 1996 the IARC reclassified Carbon Black as a Group 2B carcinogen (possible human carcinogen). This evaluation is given to carbon black for which there is inadequate human evidence, but sufficient animal evidence. The latter is based upon the development of lung tumors in rats receiving chronic inhalation exposures to free carbon black at levels that induce particle overload of the lung. Studies performed in animal models other than rats have not demonstrated an association between carbon black and lung tumors. Moreover, 2-years cancer bioassay using a typical toner preparation containing carbon black did not demonstrate an association between toner exposure and tumor development in rats.

This product contains Nickel Zinc Ferrite. Nickel Oxide is a known human carcinogen. However, Nickel Zinc Ferrite does not contain Nickel Oxide because Nickel Oxide is bound within it due to its solid solution structure.

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: Nickel Zinc Ferrite Powder (CAS No. 12645-50-0)

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.