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## SAFETY DATA SHEET

May be used to comply with OSHA's hazard communication standard.

**TRI Industries, NFP**  
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## Section 1 - Identification

**Product Name:** Toner Cartridge for Fax / Laser Printer / Copier including Color and MICR products.

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## Section 2 – Hazard(s) Identification

**2.1 Information and Classification:** GHS Classification of the mixture: Not classified as hazardous. Other hazards which do not result in classification: Carcinogenicity: None of the substances in this mixture is classified for carcinogenicity by IARC or OSHA. Unusual Fire and Explosion Hazards: Toner, like most organic powders is capable of creating a dust explosion when particles are finely dispersed in air. This mixture is not classified as hazardous according to OSHA Hazard Communication Standard 29 CFR 1910.1200. This mixture complies with the requirements of the RoHS Directive 2011/65/EU and its amendment directives.

**2.2 Label Elements: Applicable Pictograms:** N/A. Danger indications: Warning – Combustible Dust – May form combustible dust concentrations in the air. Risk Phrases: N/A. Safety Phrases: N/A.

**2.3 Other Hazards:** PBT or vPvB: N/A

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## Section 3 – Composition/Ingredients

**Toner Ingredients:** Contains no reportable quantities of toxic, hazardous, or extremely hazardous substances. Listed in sections 302, 355, 370, and 372 of CFR Title 40. Check with your state's regulations regarding copy machine toner. Toner is regulated under OSHA as particulate. Not otherwise regulated.

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## Section 4 – First Aid Measures

**Emergency and First Aid Procedure for Toner: Inhalation:** Move to fresh air immediately, If symptoms persist, consult a physician. **Eyes:** Flush with water for at least 15 minutes. Remove any contact lenses to ensure thorough flushing. If symptoms persist, consult a physician. **Skin:** Wash with soap and water. Unlikely to cause skin irritation. If symptoms occur, consult a physician. **Ingestion:** Ingestion is not an applicable route of entry for intended user. Drink water if ingested. If symptoms occur, consult a physician.

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## Section 5 – Fire Fighting Measures

**Extinguishing Media:** Water spray, foam, dry chemical, carbon dioxide or halon type extinguishers.

**Special Firefighting Information:** Fire will produce carbon monoxide and carbon dioxide. If fire occurs in the printer, treat as an electrical fire.

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## Section 6 – Accidental Release Measures

**Spill/Leak Procedures:** N/A

**Small Spills:** Scoop into a container for disposal, suction up remaining material with a high efficiency vacuum cleaner.

**Large Spills:** Scoop into a container for disposal, suction up remaining material with a high efficiency vacuum cleaner.

**Containment:** For large spills, avoid suspending particles, collect for later disposal. Do not release into sewers or waterways.

**Cleanup:** No special requirements.

**Regulatory Requirements:** N/A

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## Section 7 – Handling and Storage

**Handling Precautions:** Keep containers closed at all times. Avoid creating dust. Keep away from

ignition sources. **Storage Requirements:** Store in a cool, dry location. **Regulatory Requirement:** N/A

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## Section 8 - Exposure Controls / Personal Protection

### Engineering Controls:

**Ventilation:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (sec. 2). Local exhaust is referred because it prevents contaminant dispersion into the work area by controlling it at its source.

### Administrative Controls:

**Respiratory Protection:** Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear an MSHA/NIOSH- approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emergency or non-routine operation (cleaning sills, reactor vessels, or storage tanks), wear an SCBA. *Warning! Air-puffed respirators do not protect workers in oxygen-deficient atmospheres.*

**Protective clothing/equipment:** Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye and face protection regulations (29CFR 1910.133). Contact lenses are not eye protective devices. Appropriate protection must be worn instead of, or in conjunction with contact lenses.

**Safety Stations:** Make emergency eyewash stations and washing facilities available in work area.

**Contaminated Equipment:** Separate contaminated work clothing from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, using the toilet, or applying cosmetics.

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## Section 9 – Physical and Chemical Properties

### Physical State:

**Appearance and Odor:** free flowing powder, slight odor.

**Odor Threshold:** N/A

**Vapor Pressure:** N/A

**Vapor Density (Air=1):** Heavier than air

**Formula Weight:** N/A

**Density:** N/A

**Specific Gravity:** (H<sub>2</sub>O)=1, at 4°C): 1.3-1.8

**pH:** N/A

**Water Solubility:** Negligible

**Other Solubility:** N/A

**Boiling Point:** N/A

**Softening Point:** ~100 C

**Viscosity:** N/A

**Refractive Index:** N/A

**Surface Tension:** N/A

**% Volatile:** N/A

**Evaporation Rate:** N/A

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## Section 10 – Stability and Reactivity

**Stability:** Stable

**Polymerization:** N/A.

**Chemical Incompatibilities:** N/A

**Conditions to Avoid:** None

**Hazardous Decomposition Products:** CO and CO<sub>2</sub> and other decomposition products when burned.

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## Section 11 – Toxicological Information

**Eye Effects:** N/A

**Toxicity Data:** \*

**SKIN Effects:** N/A

**Acute Inhalation Effects:** N/A

**Acute Oral Effects:** N/A

**Chronic Effects:** N/A

**Carcinogenicity:** N/A

**Mutagenicity:** Ames Test Negative

(Estimated from the results of testing the constituent components)

**Teratogenicity:** N/A

\* See NIOSH, RTECS for additional toxicity data.

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## Section 12 – Ecological Information

**Ecotoxicity:** N/A

**Environmental Fate:** N/A

**Environmental Degradation:** N/A

**Soil Absorption/Mobility:** N/A

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## Section 13 – Disposal Considerations

**Disposal:** Waste material may be incinerated or recycled for its Iron Oxide under conditions that meet all federal, state, and local environmental regulations.

**Disposal Regulatory Requirements:** N/A

**Container Cleaning and Disposal:** N/A

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## Section 14 – Transport Information

**DOT Transportation Data (49 CFR 172.101):** Not specifically listed.

**Shipping Name:** N/A.

**Shipping Symbol:** N/A

**Hazard Class:** N/A

**ID No:** N/A

**Packaging Group:** N/A

**Label:** N/A

**Special Provisions:** N/A

**Packaging Authorizations**

a) Exceptions: N/A

b) Non-bulk Packaging: N/A

c) Bulk Packaging: N/A

**Quantity Limitations**

a) Passenger, Aircraft or Railcar: N/A

**Vessel Stowage Requirements**

a) Vessel Stowage: N/A

b) Other: N/A

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## Section 15 – Regulatory Information

**EPA Regulations:**

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)

RCRA Hazardous Waste Classification: (40 CFR 261): Not classified

CERCLA Hazardous Substance (40 CFR 302.4) listed unlisted specific per RCRA, sec. 3001; CWA sec. 311 (b)(4)

CWA, sec. 307(a), CAA, sec.112

CERCLA Reportable Quantity (RQ), Not listed

SARA 311/312 Codes: N/A

SARA Toxic Chemical (40 CFR 372.65): Not listed

SARA EHS (Extremely Hazardous Substance) (40CFR 355): Not listed, Threshold Planning Quantity (TPQ)

**OSHA Regulations:**

Air Containment (29 CFR 1910.1000< Table Z-1-A): Particulates not otherwise regulated.

**State Regulations:**

Check your state regulation that may specifically list copy machine toner.

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## Section 16 – Other Information

**Prepared By:** N/A

**Revision Notes:** N/A

**Additional Hazard Rating System:** N/A

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