



## Material Safety Data Sheets

### Black Toner

**MSDS Sheet # 58357307 Black Toner: 43034804; Black Image Drum/Toner: 42126661**

**For more information, contact Oki Data at 2000 Bishops Gate Blvd., Mount Laurel, NJ 08054-4620**

**Emergency Information: call 1-800-OKIDATA; U.S. and Canada only**

### Emergency First Aid Procedures

#### **Toner swallowed (ingested).**

Immediately seek medical attention. Never give anything by mouth to an unconscious person. If possible, rinse out mouth and give one or two glasses of water or milk to drink.

#### **Toner inhaled.**

Remove person to fresh air. Seek medical attention.

#### **Toner gets in the eyes.**

Flush eyes with quantities of cool water for 15 minutes, keeping the eyelids open with fingers. If necessary, seek medical attention.

#### **Toner gets on the skin.**

Wash toner off the skin with plenty of cool water and soap. If necessary, seek medical attention.

**Note: Small amounts of toner on skin or clothing can easily be removed with soap and cold water. Hot water makes toner harder to remove.**

### Hazardous Ingredients

#### **Carbon Black (4% by weight)**

CAS# Confidential

OSHA PEL: Not established

ACGIH TLV: Not established

LD<sub>50</sub>: Not Available.

LC<sub>50</sub>: Not Available.

#### **Silica dioxide (about 2% by weight)**

CAS# Confidential

OSHA PEL: Not established

ACGIH TLV: Not established

LD<sub>50</sub>: Not Available.

LC<sub>50</sub>: Not Available.

### Physical Data

**Physical State:** Solid

**Melting Point:** Not available

**Boiling Point:** Not available

**PH:** Not available

**Vapor Pressure:** Not available

**Vapor Density (Air=1):** Not available

**Evaporation Rate (Butyl Acetate=1):** Not available

**Specific Gravity (H<sub>2</sub>O=1):** 1.1 to 1.2 at 20° C (68° F)

**Solubility in Water:** Not available

**Solubility in Solvents:** Some components are soluble in toluene, chloroform and tetrahydrofuran.

**Coefficient of water/oil Distribution:** Not available.

**Appearance and odor:** Black powder, no odor

**Odor Threshold:** Not available.

### Fire and Explosion Hazard Data

Minimal fire hazard. Large quantities may cause risk of dust explosion.

**Flash Point (Method Used):** Not applicable

#### Flammable Limits

**Lower Explosive Limit:** Not Available

**Upper Explosive Limit:** Not Available

**Auto-ignition Temperature:** Not Available

#### Explosion Data

**Sensitivity to Mechanical Impact:** Not Available

**Sensitivity to Static Discharge:** Not Available

**Extinguishing Media:** In case of small fire, use CO<sub>2</sub>. In case of large fire, shut off air by spraying with water or foam.

**Special Fire Fighting Procedures:** Fight fire from upwind position. Avoid inhalation of smoke or gases. Wear self-contained breathing apparatus.

**Hazardous Combustion Products:** Carbon monoxide, oxides of nitrogen.

### Toxicological Properties

**Routes of Entry:** Inhalation, Ingestion, Eyes, Skin.

**Effects of Acute Exposure:** Not available.

**Effects of Chronic Exposure:** Not available.

**Exposure Limits:** Not available.

**Irritancy:** Not available

**Sensitization:** Not available.

**Carcinogenicity**

*IARC*

**Silica Dioxide:** Group 3, Not classifiable.

**Carbon Black:** Group 2B. "Possible Carcinogen."

**NTP:** No components are listed.

**OSHA:** Carbon black is designated hazardous according to OSHA 29 CFR 1910.1200.

**Reproductive Toxicity:** Not available

**Teratogenicity:** Not available

**Mutagenicity:** Not available

**Name of Toxicologically Synergistic Products:** Not available

## Reactivity Data

**Stability:** Stable in general.

**Conditions to Avoid:** Avoid excess heat and all sources of ignition.

**Polymerization:** Will not occur.

**Hazardous Decomposition Products:** Combustion products include harmful gases such as carbon monoxide and nitrogen oxides.

**Incompatibility:** Not available.

## Preventive Measures

### Personal Protective Equipment

**Respiratory Protection:** Not normally required. For large spills, use dust respirator during cleanup.

**Protective Gloves and/or Eye Protection:** Not normally required. For large spills, use rubber gloves and safety goggles during cleanup.

## Engineering Controls

**Ventilation:** Outside of normal ventilation, not normally required.

**Other Protective Equipment and/or Hygienic Practices:** None.

## Spill Cleanup

### *Small Spills*

1. Remove sources of ignition.
2. Carefully clean up spill with wet cloth, avoiding inhalation of fine dust.

### *Large Spills*

1. Remove sources of ignition and keep unnecessary and unprotected personnel away from area.
2. Wear protective gear: respirator, rubber gloves, goggles (see below)
3. Vacuum the spill, then wipe up remainder with a wet cloth.

## Waste Disposal

- Prevent release of material into natural waters and sewers.

- Follow appropriate federal, state, and local regulations.
- Small amounts can be incinerated. *Careful! Combustion can create harmful gases such as carbon monoxide and nitrogen oxides.*
- Large amounts must be passed to a licensed waste contractor.

### Special Precautions

**Precautions for Handling or Storage:** Protect from the sun. Store in a cool room, under 104°F (40°C).

**Other Precautions:** None

### Shipping Information

**Special Shipping Information:** Non hazardous. Handle container carefully to avoid shock. Do not drop. Keep dry.

### User's Responsibility:

This bulletin cannot cover all possible situations which the user may experience when using this product. Each aspect of your operation must be examined in regard to if, or where, additional precautions may be necessary. All health and safety information contained in this bulleting must be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operation.

### Preparation Date of MSDS

**Date:** October 30, 2005

**Prepared by:**

Oki Data Americas, Inc.  
Engineering Services Department  
2000 Bishops Gate Blvd.  
Mt. Laurel, NJ 08054-4620  
Tel: (856) 235-2600  
Fax: (856) 222-5320  
<http://www.okiprintingsolutions.com>  
my.okidata.com

**Posted:10/30/2005**

**Product(s):**

Oki Data has taken care to insure that the information is complete, accurate and up-to-date. However, Oki Data assumes no responsibility for errors or omissions which may occur. All the information provided is subject to change from time to time at the sole discretion of Oki Data.

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