

MATERIAL SAFETY DATA SHEET

Type C2 Black Toner, P/N 41304208

MSDS # 58343001

For more information, contact Oki Data at:

2000 Bishops Gate Boulevard
Mount Laurel, NJ 08054-4620

Emergency Information:
call 1-800-OKI-DATA (1-800-654-3282),
US & Canada Only

Emergency First Aid Procedures

Emergency	Procedure
Toner swallowed.	Immediately seek medical attention.
Toner inhaled.	Remove person to fresh air. Seek medical attention. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Toner gets in the eyes.	Flush eyes with large quantities of cool water for 15 minutes, keeping the eyelids open with fingers. 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 (less than 5% by weight)

CAS# 1333-86-4

OSHA TWA 3.5 mg/m³

ACGIH TLV 3.5 mg/m³

NIOSH 0.1 mg PAH's/m³ (carbon black in presence of polycyclic aromatic hydrocarbons [PAHs])

Amorphous Silica (less than 2% by weight)

CAS# 7631-86-9

NIOSH TWA 6 mg/m³

Note: This product is hazardous under OSHA 29 CFR 1910.106, but *not* hazardous under DOT 49 CFR 172.101.

Physical Data

Melting Point: 105 to 115°C (221 to 239°F)

Boiling Point: Not available

Vapor Pressure: Not available

Vapor Density (Air=1): Not available

Evaporation Rate (Butyl Acetate=1): Not available

Specific Gravity (H₂O=1): 1.2 at 20°C (68°F)

Solubility in water: Insoluble

Appearance and odor: Black powder, no odor

Fire and Explosion Hazard Data

Minimal fire hazard.

Flash Point (Method Used): Not applicable

Flammable Limits

Lower Explosive Limit: Not applicable

Upper Explosive Limit: Not applicable

Extinguishing Media: CO₂ or Dry Chemical for small fires. Alcohol-resistant or all-purpose type foams for large fires.

Special Fire Fighting Procedures: Fight fire from upwind position. Wear self-contained breathing apparatus.

Unusual Fire and Explosion Hazards

Hazardous Combustion Products: Carbon monoxide, carbon dioxide, oxides of nitrogen.

Health Hazard Data

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

1 Carbon Black

IARC: Monograph 65, 1996; Group 2B "Possible Carcinogen"

ACGIH: A4, not classifiable as a human carcinogen.

NIOSH: Occupational carcinogen.

2 Amorphous Silica

IARC: Monograph 68, 1997; Group 3 "Not Classifiable"

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Reactivity Data

Stability: Stable.

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

Polymerization: Will not occur.

Hazardous Decomposition Products: Thermal decomposition may result in release of oxides of carbon and nitrogen.

Incompatibility: Not available.

Spill Cleanup and Disposal

Spill Cleanup

Small Spills

- 1 Remove sources of ignition.
- 2 Clean up spill with wet cloth.

Large Spills

- 1 Remove sources of ignition.
- 2 Keep unnecessary and unprotected personnel away from area.
- 3 Wear protective gear: respirator, rubber gloves, goggles (see below)
- 4 Mix the spilled material with moist absorbent and scoop it into a suitable waste container. This material is non-hazardous under RCRA.

Waste Disposal: Prevent release of material into natural waters and sewers. Follow appropriate federal, state and local regulations.

Safe Handling and Use

Respiratory Protection: Not normally required. For large spills, use NIOSH-approved full face-piece respirator with HEPA cartridge during cleanup.

Protective Gloves and/or Eye Protection: Not normally required. For large spills, use rubber gloves and chemical worker's goggles during cleanup.

Ventilation: Outside of normal ventilation, not normally required.

Other Protective Equipment and/or Hygienic Practices: None

Special Precautions

Precautions for Handling or Storage: Protect from high heat and sources of ignition. Store large quantities in a tightly closed container in a well-ventilated area.

Other Precautions: None

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