Material Safety Data Sheet
For Supply Reorder Number: 484-5

SECTION I - PRODUCT IDENTIFICATION

Product Name: Toner Cartridge for the ix2700, ix2701, fx2100, sx2100 and mx2100 MFP
Reorder Number: 484-5
Manufacturer: Océ Imagistics Inc.
Address: 100 Oakview Drive
City: Trumbull
State: CT
Zip: 06611-4724
For MSDS copies: 203-365-7025 or “www.imagistics.com”
Emergency/Chemtrec: 800-424-9300
Effective Date: January 18, 2005
Print Date: 4/21/2006

SECTION II - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT NAME</th>
<th>CAS NO.</th>
<th>%</th>
<th>EXPOSURE LIMITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toner powder (regulated as particulates not otherwise classified - PNOC)</td>
<td>Mixture</td>
<td>Proprietary</td>
<td>10 mg/m3, TWA (inhalable) TLV, 15 mg/m3 TWA - PEL (Total Dust)</td>
</tr>
<tr>
<td>Carbon Black</td>
<td>1333-86-4</td>
<td>Proprietary</td>
<td>3.5 mg/m3 TWA TLV, 3.5 mg/m3 TWA - PEL</td>
</tr>
</tbody>
</table>

Additional Information
May Contain Non-Hazardous Ingredients: Styrene acrylate copolymer, silicon dioxide, fatty acid ester, polymers

SECTION III - HAZARD IDENTIFICATION

Emergency Overview: Black powder with no odor. High concentrations of dust suspended in air may present a dust explosion hazard. Inhalation of dust may cause minor respiratory irritation. Prolonged inhalation overexposure may result in lung damage.

Relevant Routes of Exposure: Skin, eyes, inhalation

Signs and Symptoms of Acute Overexposure: May cause mild eye irritation. This product is not a skin irritant.

Signs and Symptoms of Chronic Overexposure: Prolonged inhalation of dust in excess of the exposure limits (as with any nuisance dust) may result in lung damage. Overexposure to dust in the normal use of this product is not expected.

Medical Conditions Generally Aggravated By Exposure: None known

Potential Health Effects:

Eyes: May cause mild irritation.

Skin: No adverse effects expected.

Ingestion: No adverse effects expected. This product is not acutely toxic by ingestion.

Inhalation: Could be a route of exposure, but unlikely under normal use. Inhalation of toner powder may cause mucous membrane and respiratory irritation.
### SECTION III - HAZARD IDENTIFICATION

**Carcinogenicity:**
- **NTP:** No
- **IARC:** In 1996 IARC re-evaluated carbon black as a group 2B carcinogen (possible human carcinogen). Carbon black is a minor component of the total toner mixture. We believe that IARC’s findings are not applicable to the typical uses and levels of exposure to toners or developers by our customers and service personnel.
- **OSHA:** No
- **ACGIH:** No
- **OTHER:** No

### SECTION IV - FIRST AID MEASURES

**Eyes:**
Do not rub eyes. Immediately flush with plenty of running cool to lukewarm water, holding eye lids open to assure thorough rinsing. Get medical attention if irritation persists or for foreign body in the eyes.

**Skin:**
Wash with soap and water.

**Ingestion:**
If swallowed, dilute with water. **DO NOT** induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get medical attention.

**Inhalation:**
Remove person to fresh air. Wash nostrils, rinse mouth. If irritation or pulmonary symptoms develop, consult a physician.

### SECTION V - FIRE FIGHTING PROCEDURES

**Flammable Limits in Air (% by Volume):**
- Upper Explosion Limit: Unknown
- Lower Explosion Limit: 40 g/m³

**Flash Point:**
Not determined

**Autoignition Temperature:**
Not available

**Extinguishing Media:**
Water, ABC dry chemical, or protein type foams are recommended.

**Fire Fighting Instructions:**
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Do not use methods that may create a dust cloud, such as high pressure water.

**Unusual Fire and Explosion Hazards:**
Toner powder can form explosive mixtures with air at high concentrations.

**Known or Anticipated Hazardous Products of Combustion:**
Carbon monoxide and carbon dioxide.

### SECTION VI - ACCIDENTAL RELEASE MEASURES

**Accidental Release Measures:**
Carefully sweep material onto paper, or vacuum taking care not to generate airborne dust. Do not use vacuum if large amounts are released due to risk of dust explosion.

**Personal Precautions:**
Avoid inhalation of dust.
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SECTION VI - ACCIDENTAL RELEASE MEASURES

Environmental Precautions: It is recommended to keep away from drains, surface and ground water.

Methods for Cleanup: Sweep material onto paper, or vacuum small amounts.

Large Spill: Not sold in large quantities.

Small Spill: Sweep material onto paper or vacuum small amounts. Avoid generating airborne dust.

SECTION VII - HANDLING AND STORAGE

Handling: Avoid inhalation of toner dust. Avoid direct contact with toner. Keep container closed when not in use.


Other Precautions: Not required under normal use.

SECTION VIII - EXPOSURE CONTROLS & PERSONAL PROTECTION

Engineering Controls: None required with normal use.

Ventilation Requirements: General office ventilation.

Personal Protective Equipment:

Eye/Face Protection: Not required under normal use.

Skin Protection: Not required under normal use.

Respiratory Protection: Not required under normal use.

Other Protective Clothing or Equipment: Not required under normal use.

Exposure Guidelines: See Section II

SECTION IX - PHYSICAL & CHEMICAL PROPERTIES

Appearance: Black powder with no odor.

Boiling Point: Not applicable

Color: Black

Freezing Point: Not applicable

Melting Point: 248°F (120°C)

Octanol/Water Partition Coefficient: No data

Odor: Odorless

Odor Threshold: No data

Percent Volatile: <0.5

pH Value: Not applicable

pH Concentration: Not applicable

Physical State: Powder

Reactivity in Water: None

Solubility in Water: Negligible

Specific Gravity or Density: 1.15 g/cm³
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SECTION IX - PHYSICAL & CHEMICAL PROPERTIES
(Water=1):
- Vapor Density: Not applicable
- Vapor Pressure: Not applicable
- Vapor Pressure Temperature: Not applicable
- Volatile Organic Compounds: No data
- Water/Oil Distribution Coefficient: No data
- Weight Per Gallon: Not applicable

SECTION X - STABILITY AND REACTIVITY
- Stability: Stable
- Conditions to Avoid: Avoid temperatures above 392°F (200°C).
- Incompatibility With Other Materials: Avoid strong oxidizing agents.
- Hazardous Decomposition Products: Thermal decomposition may release carbon dioxide and carbon monoxide.
- Hazardous Polymerization: Will not occur.
- Conditions to Avoid: Not applicable

SECTION XI - TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>VALUE</th>
<th>ANIMAL</th>
<th>ROUTES</th>
<th>COMPONENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50: &gt;2,000 mg/kg</td>
<td>Rat</td>
<td>Oral</td>
<td>Product</td>
</tr>
<tr>
<td>LC50: No data available</td>
<td>Inhalation</td>
<td>Product</td>
<td></td>
</tr>
<tr>
<td>LD50: No data available</td>
<td>Dermal</td>
<td>Product</td>
<td></td>
</tr>
</tbody>
</table>

Additional Information
Note: This product tested negative in the AMES test for mutagenicity.

SECTION XII - ECOLOGICAL INFORMATION
- Ecological Information: No data available

SECTION XIII - DISPOSAL CONSIDERATIONS
- Disposal Considerations: Dispose in accordance with local, state, and federal regulations.

SECTION XIV - TRANSPORT INFORMATION
- U.S. DOT
  - Proper Shipping Name: Not regulated
  - Hazard Class: Not applicable
  - ID Number: Not applicable
  - Packing Group: Not applicable
  - Labels: None
  - Special Provisions: None
SECTION XIV - TRANSPORT INFORMATION

Packaging Exceptions: Not applicable
Non-Bulk Packaging: Not applicable
Bulk Packaging: Not applicable
Air/Rail Limit: None
Air Cargo Limit: None
Vessel Stowage: Not applicable
Other Stowage: Not applicable
Reportable Quantity: None

AIR - ICAO OR IATA

Proper Shipping Name: Not regulated
Hazard Class: Not applicable
ID Number: Not applicable
Risk: Not applicable
Packing Group: Not applicable
Hazard Labels: None
Packing Instructions: Not applicable
Air Passenger/Cargo Limit Per Package: Not applicable

WATER - IMDG

Proper Shipping Name: Not regulated
Hazard Class: Not applicable
ID Number: Not applicable
Packing Group: Not applicable
Risk: Not applicable
Emergency Procedures Code: Not applicable
Medical First Aid Guide Code: Not applicable

SECTION XV - REGULATORY INFORMATION

U.S. Federal Regulations: See below
State Regulations: This product contains no chemicals subject to California Proposition 65.
International Regulations: EU: Not classified as a dangerous material. All of the components are listed on the EINECS inventory.
Canada: Not a controlled product.
Japan: All of the components are listed on the Japanese MITI inventory.
Australia: All of the components are listed on the Australian AICS inventory.

SARA Hazards:
Acute: No
Chronic: No
SECTION XV - REGULATORY INFORMATION

Reactive: No
Fire: No
Pressure: No

Additional Information
This product does not contain chemical or chemical compounds listed in the following SARA Title III categories: Extremely Hazardous Substances (302), Toxic Chemical Release Reporting (313). All of the components are listed on the TSCA inventory.

SECTION XVI - OTHER INFORMATION

NFPA Codes:
- Health: 1
- Flammability: 1
- Reactivity: 0
- Other: 0

HMIS Codes:
- Health: 1
- Flammability: 1
- Reactivity: 0
- Protection:

Other Information: Keep out of reach of children.