Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

IDENTITY BLACK DEVELOPER FOR DC-3648

Section I
Manufacturer's Name
MITA INDUSTRIAL CO., LTD.
Address (Number, Street, City, State, and Zip Code)
MITA COPYSTAR AMERICA, INC.
777 TERRACE AVE., PO BOX 813
HASBROUCK HEIGHTS, NJ 07604
Emergency Telephone Number
(201) -288-6900
Telephone Number for Information
(201) -288-6900
Date Prepared
MARCH 1, 1990
Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Hazardous Components (Specific Chemical Identity; Common Name(s))</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits Recommended</th>
<th>TO NEAREST 5% (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRON OXIDE (CAS NO. 1309-37-1)</td>
<td>10mg/m³</td>
<td>5mg/m³</td>
<td>NONE</td>
<td>90%</td>
</tr>
<tr>
<td>ZINC OXIDE (CAS NO. 1314-13-2)</td>
<td>5mg/m³</td>
<td>5mg/m³</td>
<td>NONE</td>
<td></td>
</tr>
<tr>
<td>BLACK TONER FOR DC-3648</td>
<td></td>
<td></td>
<td></td>
<td>5%</td>
</tr>
</tbody>
</table>

(NONE HAZARDOUS INGREDIENTS)

| COPPER OXIDE (CAS NO. 1317-38-0)                               |         |          |                          | 5%                        |

Section III — Physical/Chemical Characteristics

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Specific Gravity (H₂O × 1)</td>
<td>4.80</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg.)</td>
<td>N/A</td>
</tr>
<tr>
<td>Melting Point</td>
<td></td>
</tr>
<tr>
<td>Vapor Density (AIR = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate = 1)</td>
<td></td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>INSOLUBLE</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>FINE BLACK POWDER, PRACTICALLY ODORLESS.</td>
</tr>
</tbody>
</table>

Section IV — Fire and Explosion Hazard Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (Method Used)</td>
<td>HIGHER THAN 350°</td>
</tr>
<tr>
<td>Flammable Limits</td>
<td>LEL N/A</td>
</tr>
<tr>
<td>UEL N/A</td>
<td></td>
</tr>
<tr>
<td>Extinguishing Media</td>
<td>IF PRODUCT BECOMES INVOLVED IN A FIRE, USE CARBON DIOXIDE EXTINGUISHER.</td>
</tr>
<tr>
<td>Special Fire Fighting Procedures</td>
<td>USE CARBON DIOXIDE EXTINGUISHER</td>
</tr>
</tbody>
</table>

Unusual Fire and Explosion Hazards

NONE UNDER NORMAL STORAGE AND USE CONDITIONS.
Section V — Reactivity Data

Stability
Unstable | Conditions to Avoid | NONE
Stable | X |

Incompatibility (Materials to Avoid)
STRONG OXIDIZING AGENTS

Hazardous Decomposition or Byproducts
NONE IN NORMAL HANDLING AND USE.

Hazardous Polymerization
May Occur | Conditions to Avoid | NONE
Will Not Occur | X |

Section VI — Health Hazard Data

Route(s) of Entry: inhalation? YES Skin? NO Ingestion? POSSIBLE BUT VERY UNUSUAL

Health Hazards (Acute and Chronic)
NONE IN NORMAL HANDLING AND USE.


Signs and Symptoms of Exposure
MINIMAL RESPIRATORY TRACT IRRITATION MAY OCCUR AS WITH EXPOSURE TO LARGE AMOUNTS OF ANY NON-TOXIC DUST.

Medical Conditions
Generally Aggravated by Exposure N.A.

Emergency and First Aid Procedures
IF SKIN CONTACT OCCURS, WASH WITH SOAP AND WATER. IF EYE CONTACT OCCURS, FLUSH THOROUGHLY WITH WATER AND SEEK MEDICAL TREATMENT. IF INGESTION OCCURS, DILUTE STOMACH CONTENTS WITH SEVERAL GLASSES OF WATER AND SEEK MEDICAL TREATMENT.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
CLEAN UP WITH A VACUUM CLEANER

Waste Disposal Method
DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Precautions to Be Taken in Handling and Storing
CLOSE CAP TIGHTLY AND STORE IN A COOL, DRY AND DARK PLACE.

Other Precautions
AVOID COMBUSTION.

Section VIII — Control Measures

Respiratory Protection (Specify Type)
NONE REQUIRED UNDER NORMAL USE.

Ventilation
Local Exhaust
NONE REQUIRED UNDER NORMAL USE.
Mechanical (General)
NONE REQUIRED UNDER NORMAL USE.
Special
NONE REQUIRED UNDER NORMAL USE.
Other
NONE REQUIRED UNDER NORMAL USE.

Protective Gloves
NONE REQUIRED UNDER NORMAL USE.
Eye Protection
NONE REQUIRED UNDER NORMAL USE.

Other Protective Clothing or Equipment
NONE REQUIRED UNDER NORMAL USE.

Work/Hygienic Practices
AVOID INHALATION, INGESTION, SKIN OR EYE CONTACT.