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-181R, 191, 312RE, 412RE, 1824

Section I
Manufacturer’s Name
MITA INDUSTRIAL CO., LTD.

Emergency Telephone Number
(201)-288-6900

Address (Number, Street, City, State, and ZIP Code)
MITA COPYSTAR AMERICA, INC.

Telephone Number for Information
(201)-288-6900

777 TERRACE AVE., PO BOX 813

Date Prepared
MARCH 1, 1990

HASBROUCK HEIGHTS, NJ 07604

Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information
Hazardous Components (Specific Chemical Identity; Common Name(s))
OSHA PEL ACGIH TLV Other Limits Recommended TO NEAREST

BLACK TONER FOR DC-181R 10%

(NONE HAZARDOUS INGREDIENTS)

IRON (CAS NO. 7439-89-6) 90%

Section III — Physical/Chemical Characteristics
Boiling Point N/A Specific Gravity (H₂O = 1) 5.01

Vapor Pressure (mm Hg.) N/A Melting Point N/A

Vapor Density (AIR = 1) N/A Evaporation Rate (Butyl Acetate = 1) N/A

Solubility in Water INSOLUBLE

Appearance and Odor FINE BLACK POWDER, PRACTICALLY ODORLESS.

Section IV — Fire and Explosion Hazard Data
Flash Point (Method Used) HIGHER THAN 350° Flammable Limits LEL N/A UEL N/A

Extinguishing Media IF PRODUCT BECOMES INVOLVED IN A FIRE, USE CARBON DIOXIDE EXTINGUISHER.

Special Fire Fighting Procedures USE CARBON DIOXIDE EXTINGUISHER

Unusual Fire and Explosion Hazards
NONE UNDER NORMAL STORAGE AND USE CONDITIONS.
Section V — Reactivity Data

Stability

<table>
<thead>
<tr>
<th>Unstable</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NONE</td>
</tr>
<tr>
<td>Stable</td>
<td>X</td>
</tr>
</tbody>
</table>

Incompatibility (Materials to Avoid)  STRONG OXIDIZING AGENTS

Hazardous Decomposition or Byproducts  NONE IN NORMAL HANDLING AND USE.

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>May Occur</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NONE</td>
<td></td>
</tr>
<tr>
<td>Will Not Occur</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

Section VI — Health Hazard Data

Route(s) of Entry:  

<table>
<thead>
<tr>
<th>Inhalation?</th>
<th>Skin?</th>
<th>Ingestion?</th>
</tr>
</thead>
<tbody>
<tr>
<td>YES</td>
<td>NO</td>
<td>POSSIBLE BUT VERY UNUSUAL</td>
</tr>
</tbody>
</table>

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

Carcinogenicity:  

<table>
<thead>
<tr>
<th>NTP?</th>
<th>NARC Monographs?</th>
<th>OSHA Regulated?</th>
</tr>
</thead>
<tbody>
<tr>
<td>N.A.</td>
<td>N.A.</td>
<td>N.A.</td>
</tr>
</tbody>
</table>

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  

<table>
<thead>
<tr>
<th>Local Exhaust</th>
<th>Special</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE REQUIRED UNDER NORMAL USE.</td>
<td>NONE REQUIRED UNDER NORMAL USE.</td>
</tr>
</tbody>
</table>

Protective Gloves  

<table>
<thead>
<tr>
<th>Mechanical (General)</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE REQUIRED UNDER NORMAL USE.</td>
<td>NONE REQUIRED UNDER NORMAL USE.</td>
</tr>
<tr>
<td>Eye Protection</td>
<td>NONE REQUIRED UNDER NORMAL USE.</td>
</tr>
</tbody>
</table>

Other Protective Clothing or Equipment  NONE REQUIRED UNDER NORMAL USE.

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