Material Safety Data Sheet
May be used to comply with OSHA’s Hazard Communication Standard,

**IDENTITY**
RED DEVELOPER FOR DC-4055, 4085

**Section I**

**Manufacturers Name**
MITA INDUSTRIAL CO., LTD.

**Address**
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 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>
</tr>
<tr>
<td>ZINC OXIDE (CAS NO. 1314-13-2)</td>
<td>5mg/m³</td>
<td>5mg/m³</td>
<td>NONE</td>
</tr>
<tr>
<td>MAGNESIUM OXIDE (CAS NO. 1309-48-4)</td>
<td>15mg/m³</td>
<td>10mg/m³</td>
<td>NONE</td>
</tr>
<tr>
<td>RED TONER FOR DC-111C</td>
<td></td>
<td></td>
<td>60%</td>
</tr>
<tr>
<td><strong>(NONE HAZARDOUS INGREDIENTS)</strong></td>
<td></td>
<td></td>
<td>15%</td>
</tr>
<tr>
<td>COPPER OXIDE (CAS NO. 1317-38-0)</td>
<td></td>
<td></td>
<td>5%</td>
</tr>
<tr>
<td><strong>(NONE HAZARDOUS INGREDIENTS)</strong></td>
<td></td>
<td></td>
<td>10%</td>
</tr>
</tbody>
</table>

**Section III — Physical/Chemical Characteristics**

<table>
<thead>
<tr>
<th>Boiling Point</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity (H₂O - 1)</td>
<td>1.49</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Vapor Pressure (mm Hg.)</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting Point</td>
<td>N/A</td>
</tr>
</tbody>
</table>

| Vapor Density (AIR - 1) | N/A |
| Evaporation Rate (Baryl Acetate - 1) | N/A |

**Solubility in Water**
INSOLUBLE

**Appearance and Odor**
FINE RED POWDER, PRACTICALLY ODORLESS.

**Section IV — Fire and Explosion Hazard Data**

<table>
<thead>
<tr>
<th>Flash Point (Method Used)</th>
<th>HIGHER THAN 350°</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable Limits</td>
<td>LEL N/A, UEL N/A</td>
</tr>
</tbody>
</table>

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

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. | Special | NONE REQUIRED UNDER NORMAL USE. |
Mechanical (General) | 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. |