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-4555, 4585, 1824ZS

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.
777 TERRACE AVE., PO BOX 813
HASBROUCK HEIGHTS, NJ 07604

Telephone Number for Information
(201)-288-6900

Date Prepared
JULY 1, 1990

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 5% (optional)
---|---|---|---|---
IRON OXIDE (CAS NO. 1317-60-8) | 10mg/m³ | 5mg/m³ | NONE |
ZINC OXIDE (CAS NO. 1314-13-2) | 5mg/m³ | 5mg/m³ | NONE |
MAGNESIUM OXIDE (CAS NO. 1309-48-4) | 15mg/m³ | 10mg/m³ | NONE |
CARBON BLACK (CAS NO. 1333-86-4) | 3.5mg/m³ | 3.5mg/m³ | NONE |
BLACK TONER FOR DC-4555 | | | |

(NONE HAZARDOUS INGREDIENTS)

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

Section III — Physical/Chemical Characteristics
Boiling Point
N/A
Specific Gravity (H₂O = 1)
1.8
Vapor Pressure (mm Hg)
N/A
Melting Point
GREATER THAN
1300°C
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

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable</th>
<th>Conditions to Avoid</th>
<th>NONE</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.

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

Section VI — Health Hazard Data

<table>
<thead>
<tr>
<th>Route(s) of Entry</th>
<th>Inhalation?</th>
<th>Skin?</th>
<th>Ingestion?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<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.


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

Protective Gloves

<table>
<thead>
<tr>
<th>NONE REQUIRED UNDER NORMAL USE.</th>
<th>Eye Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE REQUIRED UNDER NORMAL USE.</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.