Material Safety Data Sheet
U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY BLACK TONER FOR CC-10,20

Section I

Manufacturer's Name
MTTA INDUSTRIAL CO., LTD.
Address (Number, Street, City, State, and ZIP Code)
MTTA 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

Hazardous Components (Specific Chemical Identity; Common Name(s)) OSHA PEL ACGIH TLV Other Limits Recommended TO NEAREST 

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS NO.</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits Recommended</th>
<th>TO NEAREST</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARBON BLACK</td>
<td>1333-86-4</td>
<td>3.5mg/m³</td>
<td>3.5mg/m³</td>
<td>NONE</td>
<td>5%</td>
</tr>
<tr>
<td>ORGANIC PIGMENT</td>
<td>3171-55-3</td>
<td>1mg/m³</td>
<td>0.5mg/m³</td>
<td>NONE</td>
<td>5%</td>
</tr>
<tr>
<td>ALUMINUM OXIDE</td>
<td>1344-28-1</td>
<td>10mg/m³</td>
<td></td>
<td>NONE</td>
<td>5%</td>
</tr>
<tr>
<td>OCTADECANOIC ACID, ZINC SALT</td>
<td>557-05-1</td>
<td>10mg/m³</td>
<td></td>
<td>NONE</td>
<td>5%</td>
</tr>
</tbody>
</table>

(NONE HAZARDOUS INGREDIENTS)

POLYMER RESIN                     | 2521-39-2   |          |          | 80%                      |

Section III — Physical/Chemical Characteristics

Boiling Point N/A Specific Gravity (H₂O = 1) 1.1
Vapor Pressure (mm Hg.) N/A Melting Point N/A
Vapor Density (AIR = 1) N/A Evaporation Rate (Bunyl 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 350⁰

Flammable Limits N/A

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>
<th>Stable</th>
<th>NONE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>X</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

<table>
<thead>
<tr>
<th>May Occur</th>
<th>Conditions to Avoid</th>
<th>Will Not Occur</th>
<th>X</th>
</tr>
</thead>
</table>

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.