Material Safety Data Sheet

SECTION I

Product Name: Panasonic Developer (FQ-2120)
Chemical Name & Synonyms: Electrostatic Developer

Product Class: Inert resinated Black Powder

Emergency Phone No.: Matsushita Electric Industrial CO., Ltd.
Phone No. Japan 0286-63-3221

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
<th>CAS #</th>
<th>LISTED AS A HAZARDOUS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>OSHA</td>
</tr>
<tr>
<td>1. Ferrite</td>
<td>1309-37-1</td>
<td>80</td>
</tr>
<tr>
<td></td>
<td>1317-38-0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1314-13-2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1309-48-4</td>
<td></td>
</tr>
<tr>
<td>2. Toner (FQ-T50K)</td>
<td>20</td>
<td>NL</td>
</tr>
</tbody>
</table>

TLV of the Product: 8mg/m³ (Total Dust), 2mg/m³ (Respirable)

Section 313 Emergency Notification: This product contains the following toxic chemicals subject to the reporting requirement of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372.

Not falls

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Not applicable
Specific Gravity (H₂O = 1) 4.20

Vapor Pressure (mm hg): Not applicable
Melting Point: Not applicable

Vapor Density (AIR = 1): Not applicable
Evaporation rate (Butyl Acetate = 1): Not applicable

Solubility in Water: Insoluble

Appearance and Odor: Fine black powder, practically odourless.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): Not applicable
Flammable Limits: Not applicable

Extinguishing Agents: Water, CO₂, Foam, Dry Chemical

Special Fire Fighting Procedures: Not flammable or combustible but will burn if ignited. Extinguish with water, CO₂, foam, dry chemical.

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>Stable</th>
<th>Condition to Avoid</th>
<th>Abnormally high temperature</th>
</tr>
</thead>
</table>

Incompatibility (Materials to Avoid) None.

Hazardous Decomposition or Byproducts None in normal handling and use.

Hazardous Polymerization

| May Occur | Will Not Occur | Condition to Avoid | Abnormally high temperature |

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>✔</td>
<td>✔</td>
<td></td>
</tr>
</tbody>
</table>

Health Hazard (Acute and Chronic)

Health hazard is minimal, being neither irritating, corrosive, volatile, nor toxic. Mutagenicity is negative.

Carcinogenicity:

NTP? IARC Monographs? OSHA Regulated?

Not use carcinogens which are listed in NTP, IARC and OSHA.

Signs and Symptoms of Exposure

Contact with eyes may result in mechanical irritation. Inhalation of dust may irritate mucous membranes. Ingestion may result in gastric disturbances.

Medical Conditions

Generally Aggravated by Exposure

Emergency and First Aid Procedures

EYES———Immediately wash eyes with running water for 15 minutes. If irritation develops, get medical attention.

SKIN———Wash affected areas with soap and water. If irritation develops, get medical attention. Remove and launder contaminated clothing before reuse.

INGESTION——If swallowed dilute with water and immediately induce vomiting. Get medical attention if the victim is unconscious or having convulsion.

INHALATION——Remove to fresh air area. Allow breathing if necessary and get medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled

Vacuum or sweep up dry powder.

Hazard Disposal Method

Dispose in accordance with local, state and federal regulations.

Precautions to Be Taken In Handling and Storing

Avoid dust inhalation and skin contact.

Other Precautions

Keep containers closed. Store in a cool, dry place.

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 Equipment

None required under normal use.

Work/Hygienic Practices

Minimize breathing dust.