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 (As Used on Label and List) D-58P Developer for copier BD-5110/7610/7720/8411 and BD-8412

Section I

Manufacturer's Name
Toshiba Coporation Yanagicho Works

Emergency Telephone Number
(714) 583-3000

Address (Number, Street, City, State and ZIP Code)
70, Yanagi-cho, Saitani-ku.
Kawasaki-shi. 210
Japan

Telephone Number for Information
Same

Data Prepared
June 14, 1988

Signature of Preparer (optional)
H. Kikuno

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Names)
OSHA PEL
ACGIH TLV
Other Limits
Recommended
%

<table>
<thead>
<tr>
<th>Component</th>
<th>Specific Gravity (H₂O = 1)</th>
<th>5.8~6.8</th>
</tr>
</thead>
</table>

Section III - Physical/Chemical Characteristics

Boiling Point
n.a.  Specific Gravity (H₂O = 1)  5.8~6.8

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
Negligible

Appearance and Odor
Fine black powder, practically odorless

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)
n.a.  Flammable Limits

Extinguishing Media
CO₂, dry chemical, foam or water.

Special Fire Fighting Procedures
This material will burn in the case of fire.
The decomposition products are CO, CO₂ and NOx.

Unusual Fire and Explosion Hazards
This material has no unusual fire or explosion hazards.

(Reproduce locally) OSHA 174 Sept. 1985
### Section V - Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Conditions to avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unstable</td>
<td>None</td>
</tr>
<tr>
<td>Stable</td>
<td>X</td>
</tr>
</tbody>
</table>

**Incompatibility (materials to Avoid)**

None

**Hazardous Decomposition or Byproducts**

CO, CO₂ and NOx

**Hazardous Polymerization**

May Occur | Conditions to Avoid
Will not occur | X | None

### Section VI - Health Hazard Data

**Route(s) of Entry:** Inhalation? Yes, Skin? No, Ingestion? Possible but very unusual.

**Health Hazards (Acute and Chronic):**

LDLo value of this toner in an oral acute toxicity test is over 5.0g/kg.

**Carcinogenicity:** NTP? No, IARC Monographs? No, OSHA Regulated? No

**Signs and Symptoms of Exposure:**

Minimum irritation to respiratory tract may occur as with exposure to any non-toxic dust.

**Medical Condition(s) Generally Aggravated by Exposure:**

Accumulation of dust in the respiratory system.

**Emergency and First Aid Procedures:**

| Ingestion: Rinse mouth with water. Call a physician. |
| Inhalation: Remove to fresh air if effects occur. Consult local medical personnel. |
| Eyes: In case of contact, immediately flush eyes with water for 5 minutes. |

### Section VII - Precautions for Safe Handling and Use

**Steps to Be Taken in Case Material is Released or Spilled:**

Sweep up or clean up with a vacuum cleaner.

**Waste Disposal Method:**

Waste material may be dumped or incinerated under conditions which meet all federal, state and local environmental regulations.

**Precautions to Be Taken in Handling and Storing:**

No special storage requirements for safety reason.

**Other Precautions:**

None

### Section VIII - Control Measures

**Respiratory Protection (Specify Type):** None required under normal use.

| Ventilation | None required under normal use. |
| Local Exhaust | No | Special | No |
| Mechanical (General) | No |

**Protective Gloves:** None required under normal use.

| Eye Protection | None required under normal use. |
| Other | No |

**Other Protective Clothing or Equipment:** None required under normal use.

**Work/Hygienic Practices:** Inhalation should be avoided.