Material Safety Data Sheet

IDENTITY (As Used on Label and List)  T-64P Toner for Copier BD-7720 and BD-7610

Section I

Manufacturer’s Name
Toshiba Corporation Yanagicho Works

Emergency Telephone Number
(714) 583-3000

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

Telephone Number for Information
Same

Data Prepared
July 20, 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 | %
--- | --- | --- | --- | ---
Styrene-acrylate copolymer | n.a. | n.a. | None | 92.0
Polypropylene | n.a. | n.a. | None | 92.0
Carbon black | 0.5 mg/m³ | 0.5 mg/m³ | None | 5.0
Inorganic pigment | n.a. | n.a. | None | 2.0
Organic pigment | n.a. | n.a. | None | 1.0
Additives | n.a. | n.a. | None | 1.0

Section III - Physical/Chemical Characteristics

Boiling Point | n.a. | Specific Gravity (H₂O = 1) | 1.1 ~ 1.5
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 | LEL | UEL | n.a.
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>Unstable</th>
<th>Conditions to Avoid</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Stable</td>
<td>x</td>
<td>None</td>
</tr>
</tbody>
</table>

**Incompatibility (Materials to Avoid)**

None

**Hazardous Decomposition or Byproducts**

CO, CO₂, and NOx.

**Hazardous Polymerization**

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

**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

**Ames test result is negative**

**Signs and Symptoms of Exposure**

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

**Medical Conditions**

General 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 reasons.

**Other Precautions**

None

**Section VIII—Control Measures**

**Respiratory Protection (Specify Type)**

None required under normal use.

**Ventilation**

<table>
<thead>
<tr>
<th>Local Exhaust</th>
<th>Mechanical (General)</th>
<th>Special</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>No</td>
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</table>

**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**

Inhalation should be avoided.