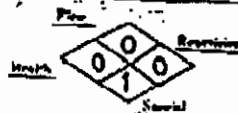


Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29CFR 1910.1200. Standard must be
consulted for specific requirements.

HAZARD RATING

1=Extreme
2=High
3=Medium
4=Low
0=Insignificant
@=Chronic Health Hazard - See Section III



IDENTITY (As Used on Label and List)

T-2510, T-1710, T-4010, T-3210, T-1350, T-4550, T-2050 (Black Toner)

Section I

Manufacturer's Name Toshiba Corporation Yanagicho Works	Emergency Telephone Number
Address (Number, City, State, and ZIP Code) 70, Yanagi-cho, Saiwai-ku, Kawasaki-shi, 210 Japan	Telephone Number for Information 044-548-5600
	Date Prepared November 10, 1994
	Signature of Preparer (Optional) Yasuhiro Hatakeyama

Section II - Ingredients / Identity Information

Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	%
Styrene acrylate copolymer	25036-16-2	Not listed	Not listed	88.3
Polypropylene	9003-07-0	Not listed	Not listed	3.0
Carbon black	1333-86-4	3.5mg/m ³	3.5mg/m ³	6.0
Inorganic pigment	25869-00-5	Not listed	Not listed	1.0

* PEL as the product : 15mg/m³ (total dust), 5mg/m³ (respirable dust)

* TLV as the product : 10mg/m³ (total dust), 5mg/m³ (respirable dust)

Section - III - Physical/Chemical Characteristics

Boiling Point	*N.A	Specific Gravity(H₂O=1)	1.1-1.5
Vapor pressure (mmHg.)	N.A	Melting Point	150 C
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 N.A UEL N.A
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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 NO_x.

Unusual Fire and Fighting Procedures

This material has no unusual fire or explosion hazards.

(Reproduce locally)

* N.A=Not applicable

OSHA 174, Sept. 1985

Section V - Reactivity Data

Stability	Unstable		Condition to Avoid	None
	Stable	X		
Incompatibility (Materials to Avoid)			None	
Hazardous Decomposition or Byproducts				
Hazardous Polymerization	May Occur		CO, CO ₂ , and NOx	Condition to Avoid
	Will not Occur	X		None

Section VI - Health Hazard Data

Route(S) of Entry:	Inhalation ?	Skin ?	Ingestion ?
	Yes	No	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?	IARC Monographs?	OSHA Regulated?
	No	No	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

Generally Aggravated by Exposure

Accumulation of dust in the respiratory system.

Emergency and First Aid Procedures

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.

Ingestion: Rinse mouth with water. Call a physician.

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	Local Exhaust	No	Special	No
	Mechanical (General)	No	Other	No

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.