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.

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

IDENTITY (As Used on Label and List)
D-58P-75A, D-61P-38 and D-62P-75 (Black Developer)

Section I

Manufacturer's Name Toshiba America Information Systems, Inc. Mitchell Plant	Emergency Telephone Number
	Telephone Number for Information 044-548-5600
Address (Number,City,State,and ZIP Code) 901 North Foster Street, P.O. Box 70, Mitchell, SD 57301-7731, U.S.A.	Date Prepared June 1, 1990
	Signature of Preparer (Optional) Hideo Kikuno

Section II - Ingredients / Identity Information

Components (Specific Chemical Identity;Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	%
Styrene acrylate copolymer	29497-14-1	Not listed	Not listed	3.5
Iron oxide	1309-37-1	10.0mg/m^3	5mg/m^3	96.5
Copper oxide	1317-38-0	Not listed	Not listed	
Zinc oxide	1314-13-2	10.0mg/m^3	10.0mg/m^3	

* PEL as the product : 15mg/m^3(total dust), 5mg/m^3(respirable dust)
* TLV as the product : 10mg/m^3(total dust), 5mg/m^3(respirable dust)

Section - III - Physical/Chemical Characterstics

Boiling Point	*N.A	Specific Gravity(H_2O=1)	5.8-6.8
Vapor pressure (mmHg.)	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 N.A UEL N.A

Extingushing Media.
CO_2 dry chemical, foam or water.

Special Fire Fighting Procedures
This material will burn in the case of fire.
The decomposition products are CO, CO_2 and NOx.

Unusual Fire and Fighting Procedures
This material has no unusual fire or explosion hazards.

Section V - Reactivity Data

Stability	Unstable		Condition to Avoid None
	Stable	X	

Incompatibility (Materials to Avoid) None

Hazardous Decomposition or Byproducts CO, CO_2 and NOx

Hazardous Polymerization	May Occur		Condition to Avoid
	Will noy 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?	IARC Monographs?	OSHA Regulated?
	No	No	No

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 Precations
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.

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