

**Material Safety Data Sheet**

FP-1530/1510/1307/1540

(This Form is Similar to U.S. Labor Dept. Form Approved OMB No. 1218-0072)

ADVANCED BUSINESS TECHNOLOGIES

Date : May 20, 1991

**SECTION I**

Product Name <b>Panasonic Dry Toner FQ-T50K</b>	Chemical Name & Synonyms <b>Electrostatic Toner</b>
Product Class <b>Inerted resinated Black Powder</b>	Emergency Phone No. <b>Matsushita Electric Industrial CO., Ltd. Japan 0286-63-3221</b>

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Hazardous Components		( L : listed NL : not listed )				
INGREDIENTS	CAS #	%	LISTED AS A HAZARDOUS			
			OSHA	OSHA PEL	ACGIH	ACGIH TLV
1. Styrene acrylate copolymer	27136-15-8	65.5	NL	NL	NL	NL
2. Polypropylene	25085-53-4	1.2	NL	NL	NL	NL
3. Polyethylene wax	9002-88-4	2.3	NL	NL	NL	NL
4. Magnetite	1317-61-9	29.0	NL	NL	NL	NL
5. Organic pigment	84179-66-8	1.5	NL	NL	NL	NL
	109125-50-0					
6. Additive	109125-51-1	0.5	NL	NL	NL	NL
	24937-79-9					
	7631-86-9					

TLV of the Product: 8mg/m<sup>3</sup> (Total Dust), 2mg/m<sup>3</sup> (Respirable)

Section 313 Supplier 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 (H <sub>2</sub> O = 1)	1.40
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	LEL	UEL
Extinguishing Media	Water, CO <sub>2</sub> , Foam, Dry Chemical				
Special Fire Fighting Procedures	Not flammable or combustible but will burn if ignited. Extinguish with water, CO <sub>2</sub> , foam, dry chemical.				
Additional Fire and Explosion Hazards	None under normal storage and use conditions.				

Stability	Unstable		Condition to Avoid	N. A.
	Stable	x		
Incompatibility (Materials to Avoid)			Oxidizing agents, reductive acids	
Hazardous Decomposition or Byproducts			SeO <sub>2</sub> , H <sub>2</sub> Se	
Hazardous Polymerization	May occur		Condition to Avoid	N. A.
	Will not occur	x		

## SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation?	No	Skin?	No	Ingestion?	No
Health Hazard (Acute and Chronic)		Health hazard of Se:Te alloy is unknown.				
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?			
	Selenium Tellurium	No No	No No	No No		
Signs and Symptoms of Exposure		No effects are known.				
Medical Conditions Generally Aggravated by Exposure		Unknown				
Emergency and First Aid Procedures		N. A.				

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled	Usual cleaning methods
Waste Disposal Method	Return used drums to manufacturer or arrange for long term storage.
Precautions to Be Taken in Handling and Storing	N. A.
Other Precautions	N. A.

## SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type)		N. A.		
Ventilation	Local Exhaust	N. A.	Special	N. A.
	Mechanical (General)	N. A.	Other	N. A.
Protective Gloves	N. A.	Eye Protection	N. A.	
Other Protective Equipment		N. A.		
Work/Hygienic Practices		N. A.		