

MATERIALS SAFTY DATA SHEET

(Equivalent to OSHA Form 174, Sept. 1985)

IDENTITY(As used on Label and List): KIP 1900 Toner	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
--	---

Section I

Company Name : Katsuragawa Electric CO., LTD.	Emergency Telephone Number : 81-3-3758-3550
Address : (Number, Street, City and ZIP Code) 21-1,Shimomaruko 4-chome, Ohta-ku, Tokyo, Japan	Telephone Number for Information : 81-3-3758-3550
	Facsimile : 81-3-3758-7568
	Date Prepared : Feb,17,2006

Section II - Hazardous Ingredients / Identity Information

Identity Information : Mixture

1. Hazardous Components	CAS No.	wt%	OSHA PEL	ACGIH TLV	Other Limits
This toner does not contain any hazardous component.					
2. Other Components (harmless)					
	Component	CAS No.		wt%	
	1. Styrene-acrylic resin	25153-46-2		50 ~ 60	
	2. Magnetite	1317-61-9		35 ~ 45	
	3. Polypropylene	9003-07-0		3 ~ 5	
	4. Solvent black 7	8005-02-5		1 ~ 2	

Section III - Physical / Chemical Characteristics

Boiling Point	N. A.	Specific Gravity (H ₂ O=1)	1.0~1.9
Vapor Pressure (P)	N. A.	Melting Point	over 120°C
Vapor Density (AIR=1)	N. A.	Evaporation Rate (Butyl Acetate=1)	N. A.
Solubility in Water : Insoluble			
Appearance and Odor : Fine, black powder, no odor.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) : N. A.	Flammable Limits : over 300°C	LEL : N. A.	UEL : N. A.
Extinguishing Media : Water, dry chemical, carbon dioxide, form.			
Special Fire Fighting Procedures :	None		
Unusual Fire and Explosion Hazards :	Like many finely divided materials, toner dust in high concentrations can form explosive mixtures in air, if ignited could result in dust explosions.		

Section V - Reactivity Data

(IDENTITY : KIP 1900 Toner)

Stability	Unstable		Conditions to Avoid : None
	Stable	x	
Incompatibility (Materials to Avoid) : Oxidizers			
Hazardous Decomposition or Byproducts : Carbon Dioxide, Carbon Monoxide, Unidentified Organics.			
Hazardous	May Occur		Conditions to Avoid : None
Polymerization	Will Not Occur	x	

Section VI - Health Hazard Data

Route(s) of Entry :	Inhalation?	x	Skin?	Ingestion?	x
Health Hazard (Acute and Chronic)					
Acute :		Inhalation	Nontoxic		
		Skin	Not an irritant or a sensitizer		
		Ingestion	Nontoxic		
Chronic :			Not known		
Carcinogenicity : NTP : Not listed IARC Monographs : Not listed OSHA Regulation : Not listed					
Ames test : Negative					
Signs and Symptoms of Exposure : None					
Medical Conditions : Generally Aggravated by Exposure					
Emergency and First Aid Procedures :					
		Eyes	: Wash down with water for 15 minutes.		
		Skin	: Wash down with soap and water.		
		Inhalation	: Remove from exposure.		
		Ingestion	: No treatment indicated.		

Section VII - Precautions for Safety Handling and Use.

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

CAUTION : Minimize generation of dust during clean up.
 Use of a vacuum cleaner is preferable to a broom.
 Collect the toner and place in a closed container for proper disposal.

Waste Disposal Method :

Small quantities should be disposed of in accordance with applicable Federal State and / or local regulations.

For large quantities, destruction by approved incineration is recommended.

Precautions to Be Taken in Handling and Storing : Avoid excessive heat during storage.

Other Precautions : Keep out reach of children.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Ventilation	Local Exhaust	: Desirable	Special	: None
	Mechanical (General)	: Desirable	Other	: None
Protective Gloves	: None	Eye Protection	: None	
Other protective Clothing or Equipment : None				
Work / Hygienic Practices : Must work in good ventilation.				

This information is furnished without warranty, express or implied, except that it is accurate to the best knowledge of our company. It relates only to the specific material designated herein, and does not relate to use in combination with any other material or in any process. Our company assumes no legal responsibility for use of or reliance upon this information.