

Material Safety Data Sheet

IDENTITY (As Used on Label and List) Toner (TK-9) for Kyocera Page Printer	<i>Note: Blank spaces are not permitted. If any is not applicable or no information is available, the space must be marked to indicate that</i>
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Section I

Manufacturer's Name : KYOCERA CORPORATION Mie Plant Tamaki Block	Emergency Telephone Number: Japan: 059658-4119 UNITED KINGDOM (0118) 931 1500
Address : 704-19 Nojino, Tamaki-Cho	Telephone Number for Information: Japan: 059658-4119 UNITED KINGDOM (0118) 931 1500
Watarai-Gun, Mie-Ken 519-04	Date prepared or revised : June 20, 1995
Japan	Preparer: Quality Assurance Dept. A. Kaneko Reviewed by I. Endo. Manager
Importer's Name : KYOCERA ELECTRONICS (UK) LTD.	
Address/Telephone Number : 8 BEACONTREE PLAZA, GILLETTE WAY, READING RG2 0BS, UNITED KINGDOM Telephone No. : (0118) 931 1500	

Section II - Ingredients/Identity Information

Components (Specific Chemical Identity: Command Name(s)) (optional)	OSHA PEL	ACGIH TLV	%
No harmful, toxic ingredients are contained. (For Information only.) The result of Ames Test was negative.			
CONTENTS : 190 gram (total)			
Acrylic Copolymer (CAS No. 27136-15-8)			> 76.0 %
Polypropylene Wax (CAS No. 68649-51-1)			3.7 %
Carbon Black (CAS No. 1333-86-4)			< 11.0 %
Magnetite (CAS No. 1309-38-2)			7.2 %
Alumina (CAS No. 1344-28-1)			1.4 %
Silica (CAS No. 112945-52-5)			0.7 %
All ingredients are listed in "EINECS". "EINECS" = EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES TK-9 is a stable product of a solid-state reaction at high temperature.			

Section III - Physical/Chemical Characteristics

Boling Point :	N.A.	Specific Gravity (H ₂ O = 1) :	1.5
Vapour Pressure (mm Hg) :	N.A.	Melting Point :	140 C
Vapour Density (AIR = 1) :	N.A.	Evaporation Rate : (Butyl Acetate = 1) :	N.A.
Solubility in Water : Negligible			
Appearance and Odor : Black powder, almost no odor			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) :	N.A.	Flammable Limits : N.A.	LEL N.A.	UEL N.A.
Extinguishing Media :	N.A.			
Special Fire Fighting Procedures :	N.A.			
Unusual Fire and Explosion Hazards:	N.A.			

* N.A. = Not Applicable

Section V - Reactivity Data

Stability :	Unstable		Condition to Avoid : None
	Stable	X	
Incompatibility : (Materials to Avoid)			None
Hazardous Decomposition or Byproducts			CO, CO2
Hazardous Polymerization	May Occur		Condition to Avoid : None
	Will Not Occur	X	

Section VI - Health Effect Data

Route(s) of Entry : Inhalation ?		YES		Skin?		YES		Ingestion ?		POSSIBLE	
Health Hazards :		Skin contact : Non-irritating, Non-toxic									
Eye contact : Dust of the product may cause eye-irritating.											
Inhalation : Dust of the product may cause lung irritating						The result of Ames Test was Negative					
Carcinogenicity:		NTP ?		Not Listed		IARC Monographs ?		Not Listed		OSHA Regulated ? Not Listed	
Signs and Symptoms of Exposure :				None							
Medical Conditions :											
Generally Aggravated by Exposure :				N.A.							
Emergency and First Aid Procedures :				SKIN : Wash with soap and water.				INHALATION : Remove from exposure.			
EYE : Immediately flush with water for 15 minutes						INGESTION : Consult a physician.					

Section VII - Precaution for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled :	
Sweep up or clean with vacuum cleaner.	
Waste Disposal Method : Waste material may be dumped / incinerated in a closed package under the conditions which meet Federal, States and local regulations. (For prevention of Dust.)	
Precautions to Be Taken in Handling and Storing : Keep in a closed package.	
Other Precautions : No other special precaution for safety reason is necessary.	

Section VIII - Control Measures

Respiratory Protection : (Specify Type)			Normally not required.	
Ventilation :	Local Exhaust :	Preferable	Special : None	
	Mechanical (General)	Acceptable	Other : Normally not required.	
Protective Gloves: Normally not required			Eye Protection : Normally not required	
Other Protective Clothing or Equipment :			None	
Work/Hygienic Practices :			Preferable (Instruction for workers)	