

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

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

IDENTITY (As Used on Label and List) Specification for inkfilm for Brother facsimile Fax1970series (Accessories PC201,PC202RF,PC204RF) Fax 770series (Accessories PC301,PC300RF,PC302RF,PC304RF)	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

Manufacturer's Name DAINIPPON PRINTING CO.,LTD.	Emergency Telephone Number 042-952-9666
Address (Number, Street, City, State, and ZIP Code) 591-2 Kamihirose Higashikubo sayama-shi, Saitama 350-1321.	Telephone Number for information 042-952-9666
Japan.	Date Prepared June, 8, 1998
	Signature of Preparer (optional) <i>Hidetoshi Takeda</i>

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
1. Polyethylene terephthalate film (49~53wt%) (25038-59-9)				
2. Coating (47~51wt%)				
Carbon Black (1333-86-4)	3.5mg/m3	3.5mg/m3	None	5~9%
Ester Wax (8015-86-9)	—	—	—	3~7%
Paraffin Wax (8002-74-2)	—	2mg/m3	None	10~15%
Microcrystalline Wax (63231-80-7)	—	—	—	13~17%
Ethylene Vinyl Acetate Copolymer (24937-78-8)	—	—	—	1~5%
Others	—	—	—	3~7%

Section III - Physical/Chemical Characteristics

Boiling Point	not applicable	Specific Gravity (H2O=1)	about 1.2
Vapor Pressure (mmHg)	n.a.	Melting Point	70°C
Vapor Density (AIR=1)	n.a.	Evaporation Rate (Butyl Acetate=1)	Negligible
Solubility in Water Negligible			
Appearance and Odor ink is black solid with slight wax odor.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) about 250°C for ink	Flammable Limits n.a.	LEL n.a.	UEL n.a.
Extinguishing Media CO ₂ , Water, dry chemicals, foam			
Special Fire Fighting Procedures For large quantities (i.e. truckload or pallet) involved in a fire, firefighters should wear self-contained breathing apparatus and protective clothing.			
Unusual Fire and Explosion Hazards none.			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid none
	Stable	<input type="radio"/>	

Incompatibility (Materials to Avoid)
none

Hazardous Decomposition or Byproducts
CO, CO2, NOX and H2O etc.

Hazardous Polymerization	May Occur		Conditions to Avoid none
	Will Not Occur	<input type="radio"/>	

Section VI - Health Hazard Data

Route(s) of Entry: Inhalation? No Skin? No Ingestion? possible but very unusual.

Health Hazards (Acute and Chronic)
All the ingredients are negative mutagenic (Test species: S. typhimurium)

Carcinogenicity: NTP? No IARC Monographs? carbon black : Group 2B OSHA Regulated? No

Signs and Symptoms of Exposure
none

Medical Conditions
Generally Aggravated by Exposure none known

Emergency and First Aid Procedures
not applicable

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
Rumpling the product may cause the wax layer to peel off. Sweep up or vacuum. When sweeping, avoid raising film or dust. If a vacuum is used, motor should be rated as dust tight. Wash any residue off skin with soap and water. Garments may be washed or dry cleaned after removal of loose film or dust.

Waste Disposal Method
Dispose in an approved incinerator or contract with licensed chemical disposal agency. Ensure conformity with governmental disposal regulations.
(=Dispose by the same method of ordinary plastic products.)

Precautions to Be Taken in Handling and Storing
No special precautions for safety reason.

Other Precautions
none

Section VIII - Control Measures

Respiratory Protection (Specify Type)
None required

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

Protective Gloves None required Eye Protection None required

Other Protective Clothing or Equipment
none

Work/Hygienic Practices
none