

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.

IDENTITY (As Used on Label and List)

PC-91
PC-95
PC-101
PC-301
PC-302 RF
PC-304 RF

U.S. Department of Labor PC-202, PC-204
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072
PC-201/PC-202 RF
PC-92 RF/94 RF
PC-102 RF/104 RF

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.

PC-204R
PC-302R

Section I

Manufacturer's Name DAINIPPON PRINTING CO., LTD.		Emergency Telephone Number 0429-52-9666
Address (Number, Street, City, State, and ZIP Code) 591-2 Kamihitose Higashikubo sayama-shi, Saitama 350-13,		Telephone Number for information 0429-52-9666
Japan.	brother We're at your side.	Date Prepared 0429-52-9666
		Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s)) (optional)	OSHA PEL	ACGIH TLV	Other Limits Recommended
Polyethylene terephthalate film (48.6%)			
Coating (51.4%)			
Carbon Black (1333-86-4)	3.5mg/m3	3.5mg/m3	None 16.2%
Ester Wax (8015-86-9)			13.1%
Micro Crystalline Wax (53231-60-7)			18.6%
Praffin Wax (8002-74-2)		2mg/m3	None 35.5%

Section III - Physical/Chemical Characteristics

Boiling Point	n.a.	Specific Gravity (H2O=1)	about 1.2
Vapor Pressure (mmHg)	n.a.	Melting Point	68 °C
Vapor Density (AIR=1)	n.a.	Evaporation Rate (Butyl Acetate=1)	Negligible

Solubility in Water: c
Negligible

Appearance and Odor
Ink is black solid with slight acetic acid 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.
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Extinguishing Media
CO2, 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.

Stability	Unstable	☐	Conditions to Avoid
	Stable		none
Incompatibility (Materials to Avoid)			
none			
Hazardous Decomposition or Byproducts			
CO, CO ₂ , NO _x and H ₂ O etc.			
Hazardous Polymerization	May Occur	☐	Conditions to Avoid
	Will Not Occur		none

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	No	No	possible but very unusual
Health Hazards (Acute and Chronic)			
All the ingredients are negative mutagenic (Test species: <i>S. typhimurium</i>).			

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure
none

Medical Conditions
none

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
Not applicable

Waste Disposal Method
Dispose in an approved incinerator or contract with licensed chemical disposal agency. Ensure conformity with governmental disposal regulations.

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	Special	No
	No		
	Mechanical (General)	Other	No
	No		
Protective Gloves		Eye Protection	
None required		None required	
Other Protective Clothing or Equipment			
none			
Work/Hygienic Practices			
none			