

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 Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No.1218-0072

PC-202, PC-204
PC-201/PC-202 RF
PC-92 RF/94 RF
PC-102 RF/104 RF
PC-204R
PC-302R

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: 0429-52-9666. Address: 591-2 Kamihirose Higashikubo sayama-shi, Saitama 350-13, Japan. Telephone Number for information: 0429-52-9666. Date Prepared: 0429-52-9666. Signature of Preparer (optional):



Section II - Hazardous Ingredients/Identify Information

Table with 4 columns: Hazardous Components (Specific Chemical Identity; Common Name(s)) % (optional), OSHA PEL, ACGIH TLV, Other Limits Recommended. Rows include Polyethylene terephthalate film (48.6%), Carbon Black (1333-86-4) (51.4%), Ester Wax (8015-86-9), and Paraffin Wax (8002-74-2).

Section III - Physical/Chemical Characteristics

Table with 4 columns: Property, Value, Property, Value. Rows include Boiling Point (n.a.), Specific Gravity (H2O=1) (about 1.2), Vapor Pressure (mmHg) (n.a.), Melting Point (8 °C), Vapor Density (AIR=1) (n.a.), Evaporation Rate (Butyl Acetate=1) (Negligible), and Solubility in Water (c) (Negligible).

Appearance and Odor: Ink is black solid with slight acetic acid odor.

Section IV - Fire and Explosion Hazard Data

Table with 4 columns: Flash Point (Method Used) (about 250°C for ink), Flammable Limits (n.a.), LEL (n.a.), UEL (n.a.).

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	<input type="radio"/>	none
Incompatibility (Materials to Avoid) none			
Hazardous Decomposition or Byproducts CO,CO2,NOx and H2O etc.			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	<input type="radio"/>	none

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Nb	Nb	possible but very unusual

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

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	Nb	Nb	Nb

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
	Nb	Nb
	Mechanical(General)	Other
	Nb	Nb

Protective Gloves	Eye Protection
None required	None required

Other Protective Clothing or Equipment
none

Work/Hygienic Practices
none