viaterial Safety Data Sheet U.S. Department of Labor								
May be used to comply with O			Occupational Safety and Health Administration					
		(Non-N	Non-Mandatory Form)					
· ·			m Approved					
			1B No.1218-0072					
IDENTITY(As Used on Label and List)			Note:Blank spaces are not permitted. If any item is not applicable					
Ink Ribbon for Galileo			or no information is available, the space must be marked to indicate that.					
Section I								
Manufacturer's Name DAI NIPPON PRINTING CO.,LTD.			Emergency Telephone Number 042-952-9666					
Address: 591-2, Kamihirose, Higashikubo, Sayama, Saitama, 350-1321			Telephone Number for information 042-952-9666					
			Date prepared January 11, 1999					
JAPAN		Signature of Preparer (optional)			***************************************			
			_ Lideichira Takeda.				· •	
×				Hideichiro Takeda / Mgr. of Technical Dept.				
Section II - Hazard	lous Ingredients/Identity I	Inforr	nation					
					Other Lim	its		
	Specific Chemical Identity; Common Name	e(s))	OSHA PEL ACGIH TLV Recomm					
Polyethylene terephthalate	film (CAS No. 25038-59-9)						(49 ~ 54%)	
Coating layer substances								
Carbon Black (CAS No. 1333-86-4)			3.5mg/m3 3.5mg/m3 None			(7~ 10%)		
Ester Wax (CAS No. 8015-86-9)			-	-	None		(4~7%)	
	Paraffin Wax (CAS No. 8002-74-2)			2.0mg/m3	None		(7~ 14%)	
Microcrystalline Wax (C	AS No. 63231-60-7)		-	-	None		(13~ 20%)	
Others			-		None		(4~ 11%)	
Section III - Hazar	dous Ingredients/Identity	Infor	mation					
Boiling Point	Not applicable		cific Gravity	(H2O=1)		About	1.2	
Vapor Pressure (mmHg)	Not applicable	Melting Point 71°C						
Vapor Density (AIR = 1)	Not applicable	Evaporation Rate (Butyl Acetate=1)			Negligible			
	Trot applicable	Lve			- 1/	Ivegilgi		
Solubility in water Negligible	3		W-7074 WALLES			· · · · · · · · · · · · · · · · · · ·		
Appearance and Odor Ink is black solid with sl						, , ,		
	nd Explosion Hazard Data	a						
Flash point (Method Used)	· ·			LEL			UEL	
About 250°C for ink		Not applicable			Not applicable			
Extinguishing Media CO2, Water, Dry Chemi	oals Foam							
Special Fire fighting Proce								
	uries . truckload or pallet) involved in a fire	e, firefig	hters should	wear self-contai	ned breathir	ng appara	atus and protectiv	
Unusual Fire and Explosio	n Hazards		21.7					
None		· · · · · · · · · · · · · · · · · · ·	1.2					

OSHA 174, Sept. 1985

January 12, 1999

(Reproduce locally)

Section V - Re	eactivity Data	1					
Stability	Unstable		Conditions to Avoid None				
	Stable	0					
Incompatibility (Mate	erials to Avoid)						
Hazardous Decomp		ts					
Hazardous	May Occur	T	Conditions to Avoid	***************************************			
Polymerization	Will Not Occur	0	None				
Cootion VI III							
Section VI - H	eaith Hazard						
Route(s) of Entry:		ļ.	nhalation? No	Skin? No	Ingestion? possible but very unusual.		
Health Hazards(Acu		agenic/	Test species ;S. typhim		poolible but very arrabadi.		
Carcinogenicity:	o aro nogativo mate		TOST species , o. typriim		OOUA Da sulata do		
cardinogericity.		r	No No	IARC Monographs? Carbon Black : Grou	OSHA Regulated? p 2B No		
Signs and Symptom None	s of Exposure			100 At P			
Medical Conditions Generally Aggrav	ated by Exposure		None				
Emergency and Firs	t Aid Procedures						
Section VII - F	Precautions f	or Sa	afe Handling an	d Use			
is used, motor s after removal of le Waste Disposal Met Dispose by the s	duct may cause the hould be rated as cose film or dust. hod ame method of orc	e wax l dust tig	ayer to peel off. Sweep ght. Wash any residue	off skin with soap and wa	eeping, avoid raising film or dust. If a vacuum ater. Garments may be wasted or dry cleaned regulations. Any disposal practice must be in nent office and ensure conformity with disposal		
Precautions to Be Ta	aken in Handling ar utions for safety rea		ing.				
Other Precautions None							
Section VIII -	Control Meas	ures)				
Respiratory Protection Not required	on (Specify Type)						
Ventilation		Local Exhaust No			Special No		
		Mechanical(General) No			Other No		
Protective Gloves Not required				Eye Protection Not required			
Other Protective Clo None	thing or Equipment	,					
Work/Hygienic Pract None	ices		A Market State Control	17			
(Reproduce locally)		***			OSHA174, Sept. 1985		