

MATERIAL SAFETY DATA SHEET

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)
DIGITAL DUPLICATING RC/RA BLK INK
U4-4000-RC/RA

Note: Blank spaces are not permitted
If any item is not applicable, or
information is available, the spaces
must be marked to indicate that

Section 1

Manufacturer's Name Distributor: AMERICAN COATED PRODS CLINTON, CT.	Emergency Telephone Number 1-800-323-8890
Manufacturer's Address JAPAN	Telephone Number for Information 1-800-323-8890
	Date Prepared
	Signature of Preparer

Section 2 -- Hazardous Ingredients / Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	Other limits		
	OSHA PEL	ACGIH TLV	Recommended %
Carbon Black (Pigment)		3.5mg/m ³ *	4.5
Petroleum Solvent		5mg/m ³ *	23.9
Vegetable Oil		n/l	1.7
Sorbitan Fatty Acid Ester		n/l	2.9
Water		None	67.0

* TLV is not applicable unless mist or dust is created when material is used

Does not happen when used in Duplicator.

Section 3 - Physical/Chemical Characteristics

Boiling Point > 200°C	Specific Gravity 0.97
Vapor Pressure(mg Hg) n/a	Melting Point n/a
Vapor Density (air = 1)	Evaporation Rate

77033

Solubility in Water
Insoluble

Appearance and Odor
Viscous, Black paste, Kerosene like odor

Section 4 - Fire and Explosion Hazard Data

Flashpoint (Method used) > 200 °C (open cup)	Flammable Limits not known	LEL	UEL
---	-------------------------------	-----	-----

Extinguishing Media
Dry Chemical or Foam, water

Special Firefighting Procedures
None

Unusual Fire and Explosion Hazards
None

Section 5 - Reactivity Data

Stability	Unstable		Condition to Avoid Low Temp Freezing
	Stable	X	High Temp Storage

Incompatibility (Materials to Avoid)
None Known

Hazardous Decomposition or Byproduct
None

Hazardous Polymerization	May Occur		Condition to Avoid None
	Will Not Occur	X	

Section 6 - Health Hazard Data

Route(s) of Entry	Inhalation Non Volatile	Skin X	Ingestion Non Hazardous
-------------------	----------------------------	-----------	----------------------------

Health Hazards (acute and chronic)
Not Hazardous In Normal Use

Carcinogenicity Not Carcinogenic	NTP? Not Carcinogenic	IARC Monograph? n/a	OSHA Regulated? n/a
-------------------------------------	--------------------------	------------------------	------------------------

Signs and Symptoms of Exposure
No Hazard in Normal Use

Medical Conditions Generally Aggravated by Exposure
Will not occur

Emergency and First Aid Procedures

Skin - -Wash well with soap and water

Eyes - -Try to remove or flush out with water. If unsuccessful, get medical attention

Ingestion - -Induce vomiting by sticking finger down throat or by giving soapy or strong salty water to drink.

Section 7 -Precautions for Safe Handling and Use**Steps to Be Taken in Case Material Is Released or Spilled**

If spilled, wipe up with paper or cloth.

Waste Disposal Method

Used ink should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

Precautions to Be Taken in Handling and Storing.

Incinerate paper or cloth that wiped spilled ink.

Other Precautions

None

Section 8 -Control Measures**Respiratory Protection (Specify Type)**

None needed

Ventilation	Local Exhaust None needed	Special None needed
	Mechanical (General) Adequate ventilation	Other None needed
Protective Gloves None needed	Eye Protection None needed	

Other Protective Clothing or Equipment

None needed

Work/Hygiene Practices

Avoid prolonged or repeated contact with skin. Cleanse skin thoroughly after contact, before breaks and meals, and at the end of work period

Product is readily removed from skin by waterless hand cleaners followed by washing with soap and water.

Section 9 -Transportation Information

Dot Recognized Chemical Name n/a

Hazard Classification n/a

UN Number n/a