



## Safety Data Sheet

### Section1 : Chemical Product and Company Identification

- (a) Product identifier used on the label  
 Product Name : [Priport Master JP-50<A3>](#)
- (b) Other means of identification  
 SDS Number : [893015](#)
- (c) Recommended use of the chemical and restrictions on use  
 General Use :
- (d) Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party  
 Company Name : [Ricoh USA, Inc.](#)  
 Department : [Environmental Sustainability and Product Compliance](#)  
 Address : [5 Dedrick Place West Caldwell, NJ 07006 USA](#)
- (e) Emergency phone number.  
 Telephone : [1-973-882-2000](#) or [1-973-882-5218](#) (For product information) or  
 Number : [1-800-336-6737](#) (for emergencies)  
 Telefax Number : [1-973-882-3959](#)  
 E-mail : [environmentinfo@ricoh-usa.com](mailto:environmentinfo@ricoh-usa.com)

### Section2 : Hazards Identification

Classification

PHYSICAL HAZARD(S)	EXPLOSIVES	Not Applicable
	FLAMMABLE GASES	Not Applicable
	FLAMMABLE AEROSOLS	Not Applicable
	OXIDIZING GASES	Not Applicable
	GASES UNDER PRESSURE	Not Applicable
	FLAMMABLE LIQUIDS	Not Applicable
	FLAMMABLE SOLIDS	Not Applicable
	SELF-REACTIVE SUBSTANCES AND MIXTURES	Not Applicable
	PYROPHORIC LIQUIDS	Not Applicable
	PYROPHORIC SOLIDS	Not Applicable
	SELF-HEATING SUBSTANCES AND MIXTURES	Not Applicable
	SUBSTANCES AND MIXTURES, WHICH ON CONTACT WITH WATER, EMIT FLAMMABLE GASES	Not Applicable
	OXIDIZING LIQUIDS	Not Applicable
	OXIDIZING SOLIDS	Not Applicable
	ORGANIC PEROXIDES	Not Applicable
CORROSIVE TO METALS	Not Applicable	
HEALTH HAZARD(S)	ACUTE TOXICITY(ORAL)	Not Applicable
	ACUTE TOXICITY(DERMAL)	Not Applicable

	ACUTE TOXICITY (INHALATION - GAS)	Not Applicable
	ACUTE TOXICITY (INHALATION - VAPOUR)	Not Applicable
	ACUTE TOXICITY (INHALATION - DUST AND MIST)	Not Applicable
	SKIN CORROSION/IRRITATION	Not Applicable
	SERIOUS EYE DAMAGE/EYE IRRITATION	Not Applicable
	RESPIRATORY SENSITIZER	Not Applicable
	SKIN SENSITIZER	Not Applicable
	GERM CELL MUTAGENICITY	Not Applicable
	CARCINOGENICITY	Not Applicable
	TOXIC TO REPRODUCTION	Not Applicable
	TARGET ORGAN SYSTEMIC TOXICITY FOLLOWING SINGLE EXPOSURE	Not Applicable
	TARGET ORGAN SYSTEMIC TOXICITY FOLLOWING REPEAT EXPOSURE	Not Applicable
	ASPIRATION HAZARD	Not Applicable
ENVIRONMENTSL HAZARD(S)	ACUTE HAZARDS TO THE AQUATIC ENVIRONMENT	Not Applicable
	CHRONIC HAZARDS TO THE AQUATIC ENVIRONMENT	Not Applicable
	HAZARDOUS TO THE OZONE LAYER	Not Applicable

Label element

Pictogram :	
Signal word(s) :	not applicable
Hazard statement(s) :	not applicable
Precautionary statement(s)	not applicable
【 Prevention 】	
【 Response 】	not applicable
【Storage 】	not applicable
【 Disposal 】	not applicable

Specific Hazards

There are no significant hazards expected with intended use.

Section3 : Composition, Information on Ingredients

Ingredients CAS No./Chemical name	Contents (%)
Confidential Tissue	79
Confidential Polyester-film	16

#### Section4 : First Aid Measures

- (a) Necessary measures
- Inhalation :  
Not applicable.
- Skin Contact :  
Not skinsensitive in normal use.
- Eye Contact :  
Not applicable
- Ingestion :  
Not applicable
- (b) Most important symptoms/effects, acute and delayed.  
Not available
- (c) Indication of immediate medical attention and special treatment needed.  
Immediate edical Attention :  
Immediate medical attention is not required.

#### Section5 : Fire Fighting Measures

- (a) Suitable (and unsuitable) extinguishing media.  
Extinguishing Media to Avoid :  
Not applicable
- (b) Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products).  
Specific Hazards :  
Not applicable
- (c) Special protective equipment and precautions for fire-fighters.  
Fire-Fighting Instructions / Specific Method :  
Generally by sprinkling or extinguisher.  
Protection of Firefighters :  
Wear gloves, glasses, a mask if necessary.

#### Section6 : Accidental Release Measures

- (a) Personal precautions, protective equipment, and emergency procedures.  
Personal Precautions :  
Not applicable  
Environment Precautions :  
Not applicable
- (b) Methods and materials for containment and cleaning up.  
Methods for Cleaning Up :  
Not applicable

## Section7 : Handling and Storage

- (a) Precautions for safe handling.

Handling :

Technical Measures/Precautions

Not applicable

Safe Handling Advice

Avoid chemicals, water and fire

- (b) Conditions for safe storage, including any incompatibilities.

Storage :

Technical Measures

Not applicable

Storage Conditions

Keep away from heat, open flame and sparks.

Store in cool and dry place (for quality).

Keep out of reach of children.

Packaging material

Not applicable

Specific Use(s) :

The Image Formation in Digital Duplicator..

## Section8 : Exposure Controls/Personal Protection

- (a) OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH)

Threshold Limit Value (TLV), and any other exposure limit

Control Parameters

Exposure Limit Value ( I )

USA OSHA: Not applicable

PEL (TWA)

ACGIH : Not applicable

TLV

(TWA)

DFG MAK : Not applicable

Personal Protection

- (b) Appropriate engineering controls.

Technical measures :

None needed under normal use condition.

- (c) Individual protection measures, such as personal protective equipment.

Respiratory Protections (Specify Type)

None needed.

Eye Protection

None needed.

Protective Gloves

None needed.

Protective Clothing or Equipment

None needed.

Hygiene Measures  
Wash hands after handling.

Section9 : Physical and Chemical Properties
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(a) Appearance (physical state, color, etc.)

Physical state : Solid  
Form : Roll paper  
Colour : White

(b) Odor : None

(c) Odor threshold : Not available

(d) pH : Not applicable

(e) Melting point/freezing point : not available  
(degrees centigrade)

(f) Initial boiling point and boiling range : Not applicable

(g) Flash point : not applicable

(h) Evaporation Rate (Butyl Acetate = 1) : Not applicable

(i) Flammability (solid, gas) : Not applicable

(j) Upper/lower flammability or explosive limits : Upper Not applicable Lower Not applicable

(k) Vapor Pressure (Pa) : Not applicable

(l) Vapor Density (AIR=1) : Not applicable

(m) Relative density : Not available

(n) Solubility(ies)

Water Solubility (g/L) Insoluble  
Other solvent Solubility (g/L) Not available

(o) Partition coefficient: n-octanol/water : Not available

(p) Auto-ignition temperature : not available

(q) Decomposition temperature : Not available  
(degrees centigrade)

(r) Viscosity (Pa · s) : Not applicable

## Section10 : Stability and Reactivity

(a)Reactivity

Hazardous Reaction :

There is no significant hazardous reaction expected with intended use.

(b)Chemical stability :

Stable

(c)Possibility of hazardous reactions :

Not available

(d)Condition to Avoid :

None under normal use condition.

(e)Incompatible materials :

None under normal use condition.

(f)Hazardous decomposition products :

Decomposition products will not occur.

## Section11 : Toxicological Information

(a)Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)

Not available

(b)Symptoms related to the physical, chemical and toxicological characteristics

Not available

(c)Delayed and immediate effects and also chronic effects from short- and long-term exposure

Not available

Acute Toxicity

Acute Oral Toxicity (LD50) :

$\geq 2000$  [mg/kg] (Rat)

Acute Dermal Toxicity :

Not available

Acute Inhalation Toxicity :

Not available

Local effects

Acute Skin Irritation(PII) :

non-irritant

Acute Eye Irritation :

not applied

Sensitization

Acute Allergenic Effects :

Slightly skinsensitive

Mutagenicity : Negative (Ames test)

Reproduction : No data is available on this product.  
Toxicity  
Teratogenic : Not available

(d) Numerical measures of toxicity (such as acute toxicity estimates)  
Not available

(e) Whether the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA.  
No data is available on this product.

## Section 12 : Ecological Information

Mobility : Not available

Persistence/Degradability : Not available

Bioaccumulation : Not available

### Ecotoxicity

Acute Toxicity for Fish (LC50) : Not available

Acute Toxicity for Daphnia (EC50) : Not available

Algae Inhibition Test (IC50) : Not available

## Section 13 : Disposal Consideration

### General information:

Burn in incinerator.

### Disposal methods:

Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. Confirm disposal procedures with local regulations.

### Precautions

Not applicable

## Section 14 : Transport Information

### International Regulations

#### Land Transport

RID/ADR : Not applicable

DOT 49 CFR : Not applicable

ADNR : Not applicable

#### Sea Transport

IMDG Code : Not applicable

Air Transport  
ICAO- : Not applicable  
TI/IATA-  
DGR  
UN Number : Not applicable  
Class : Not applicable

Specific Precautionary Transport Measures and Conditions  
Keep temperature under 40 degrees centigrade (for quality).

## Section15 : Regulatory Information

### Regulations

#### US Information

Information on the label :

Not required

TSCA (Toxic Substances Control Act) :

This product complies with all applicable rules and regulations under TSCA.

SARA (Superfund Amendments and Reauthorization Act) Title III

313 Reportable Ingredients :

Not regulated

California Proposition 65

Not regulated

#### Canada Information

WHMIS Controlled product :

Not a controlled product

#### EU Information

Information on the label (EU Regulation (EC)No. 1272/2008)

Symbol & Indication : Not required

Hazard Statement : Not required

Precautionary statement : Not required

Special Precautions underEU Regulation 1272/2008 Annex II :

Not required

This product complies with applicable rules and regulations under 76/769/EEC

## Section16 : Other Information

Explanation of Hazardous Materials Identification System [HMIS]& National Fire Protection Association [NFPA]

Hazard Rating Systems:

Both the HMIS and NFPA systems use number from "0" to "4" to show the degree of hazard in an uncontrolled situation:

**0=Minimum Hazard 1=Slight Hazard 2=Moderate Hazard 3=Serious Hazard 4=Severe Hazard**

Colors may also be used in both systems:

**Blue**=Health Hazard **Red**=Fire Hazard **Yellow**=Reactivity Hazard **White**=Indicate a special hazard

HMIS will specify any Personal Protective Equipment required [PPE],

NFPA will specify OX(oxidizer), Acid(acid), ALK(Alkali), COR(Corrosive), W(use no water), xx(Radioactive).

Literature References :

ANSI Z400.1-1993

ISO 11014-1

Commission Directive 91/155/EEC



IARC (1996) "IARC Monograph on the Evaluation of the Carcinogenic Risk of Chemicals to Humans, Vol.65, Printing Process and Printing Inks, Carbon Black and Some Nitro Compounds", Lyon, pp149-261

H.Muhle, B.Bellman, O.Creutzenberg, C.Dasenbrock, H.Emst, R.Kilpper, J.C.MacKenzie, P.Morrow, U.Mohr, S.Takenaka and R.Mermelstein(1991) "Pulmonary Response to Toner upon Chronic Inhalation Exposure in Rats" Fundamental and Applied Toxicology 17,pp280-299

IARC (2008) "IARC Monograph on the Evaluation of the Carcinogenic Risk of Chemicals to Humans, Vol.93"

NIOSH CURRENT INTELLIGENCE BULLETIN "Evaluation of Health Hazard and Recommendation for Occupational Exposure to Titanium Dioxide DRAFT"

ACGIH-TLV	: Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices
OSHA Z-Tables	: US Department of Labor, 29CFR Part 1910 , Tables Z-1, Z-2, and Z-3
NTP (USA)	: US Department of Health and Human Services National Toxicology Program Annual Report on Carcinogens
	DFG-MAK (GER) : DFG List of MAK and BAT Value
Symbol (EC)	: Regulation (EC)No.1272/2008
91/155/ EEC	: EU Directive 91/155/ EEC
1999/45/EC	: EU Directive 1999/45/EC
CLP	: Regulation (EC)No.1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures,amending and repealing Directive 67/548/EEC and 1999/45/EC, and amending Regulation (EC)No. 1907/2006
(EC)No.1272/2008	
EC 304/2003	: Regulation (EC) No 304/2003 of the European Parliament and of the Council of 28 January 2003 concerning the export and import of dangerous chemicals
WHMIS Controlled product	: Canada Workplace Hazardous Information System
OELs-TWA (Australia)	: Guidance Note on the Interpretation of Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC: 3008 (1995)]

Abbreviations :

OSHA	PEL (Permissible Exposure Limit) under Occupational Safety and Health Act
PEL	
ACGIH-TLV	TLV (Threshold Limit Values) under American Conference of Governmental Industrial Hygienists
REACH	EC)No.1907/2006:Council Regulation concerning the Registration, Evaluation, Authorization and Restriction of Chemicals
SVHC	Substances of Very High Concern
ECHA	The European Chemicals Agency
DFG-MAK	MAK (Maximale Arbeitsplatz Konzentrationen) by Deutsche Forschungs Gemeinschaft
RoHS	Restriction of the use of certain Hazardous Substances in Electrical and Electronic Equipment
TWA	Time Weighted Average
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
WHMIS	Workplace Hazardous Information System
NOHSC	National Occupational Health and Safety Commission Act 1985

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