



## Safety Data Sheet

### Section1 : Chemical Product and Company Identification

- (a) Product identifier used on the label  
 Product Name : [PRIPORT MASTER JP-12SV2](#)
- (b) Other means of identification  
 SDS Number : [817567](#)
- (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)<br>【<br>Prevention<br>】 | not applicable |
| 【<br>Response<br>】                                 | not applicable |
| 【Storage<br>】                                      | not applicable |
| 【<br>Disposal<br>】                                 | not applicable |

Specific Hazards

There are no significant hazards expected with intended use.

Section3 : Composition, Information on Ingredients

| Ingredients<br>CAS No./Chemical name | Contents<br>(%) |
|--------------------------------------|-----------------|
| Confidential<br>Tissue               | 81              |
| Confidential<br>Polyester-film       | 15              |

#### Section4 : First Aid Measures

- (a) Necessary measures
- Inhalation :  
Not applicable.
  - Skin Contact :  
Not applicable.
  - 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 medical 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 |
|---|

(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 under EU 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 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 (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 (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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