EPSON

WorkForce Enterprise AM-M5500 (North America)

Seiko Epson Corporation

Functional unit

Per product

System boundary

■ final products　□intermediate products

Raw material acquisition,Production,Distribution, Use & maintenance,End-of-Life

Main specifications of the product

Model name: AM-M5500

Main Specifications

■Multifunction device (High-Performance Inkjet)

■monochrome

■Print speed: 55ppm (single-sided A4 sheets)

■Maximum paper size (standard cassette): A3

■Automatic duplex printing

※This product is destined for North America

Company Information

Seiko Epson Corporation
http://www.epson.com/
http://www.epson.jp/contact/ (Japanese)
3-3-5 Owa, Suwa-shi, Nagano-ken, Japan
TEL 81-266-52-5353 (Japan)

Registration#	JR-AI-24606E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	11 March 2025
Verification date	3 March 2025
Verification method	Product-by-product
Verification#	JV-AI-24606
Expiration date	2 March 2030

PCR review was conducted by:

Approval date	1 September 2023
PCR review panel chair	Masayuki Kanzaki (SuMPO)

Third party verifier*

Tetsuya Okuyama

Independent verification of data & declaration in accordance with ISO14025

□internal　■external

*Auditor's name is stated if system certification has been performed.

SuMPO EPD

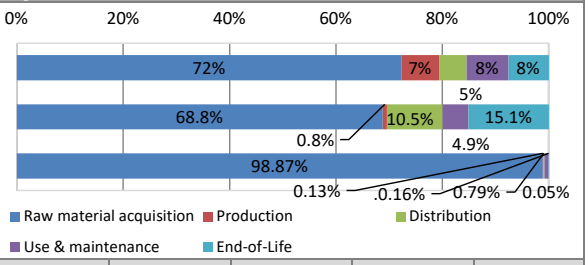
Type III Environmental Declaration (EPD)

Registration number : JR-AI-24606E

Japan EPD Program by SuMPO
Sustainable Management Promotion Organization
14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan
https://ecoleaf-label.jp/

1. Results of life cycle impact assessment (LCIA)

Global warming IPCC2013 GWP100a	870	kg-CO2eq
Acidification	0. 73	kg-SO2eq
Urban area air pollution	0. 12	kg-SO2eq



Parameter \ stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a	kg-CO_2eq	8.7E+02	6.3E+02	6.1E+01	4.5E+01	6.8E+01	6.6E+01
Acidification	kg-SO_2eq	7.3E-01	5.0E-01	5.8E-03	7.6E-02	3.6E-02	1.1E-01
Resources consumption	kg-Sbeq	1.2E-01	1.2E-01	1.6E-04	1.9E-04	9.3E-04	6.5E-05

2. Life cycle inventory analysis (LCI)

Parameter		Unit
Non-renewable material resources	9.2E+01	kg
Renewable material resources	1.5E+02	kg

3. Waste to disposal

Parameter		Unit
Steel	5.0E+01	kg
SUS	2.3E+00	kg
Aluminum	1.1E+00	kg
Other metal	7.7E+00	kg
Plastic	3.2E+01	kg
Rubber	5.2E-01	kg
Glass	2.1E+00	kg
Paper and wood	1.5E+01	kg
Circuit Board	2.4E+00	kg
Other	7.1E+00	kg

5. Additional explanation

- Product destination: North America
- Calculation method of use stage (scenario)
  - Expected usage period: 5 years
  - Estimated number of use: 451,200 sheets*
  - Print measuring method (pattern): ISO/IEC 19752
  - Inventory of the print paper is not included
- Products selected in the scenario used for inventory calculation
  - Multifunction device (High-Performance Inkjet)

* In accordance with the ENERGY STAR® Ver.3.0
451,200sheets = (47 pages/jpbs x 32 jobs/day x 5 days) / 4 x 4 weeks x 12 months x 5 years

6-1. Supplementary environmental information

- This product and main compornents are produced in our ISO 14001 certified factories.
- Compliant with the International Energy Star Program Ver.3.0. It also complies with the European RoHS Directive.

7. Assumptions of secondary data used

We used IDEA v2.1.3 and SuMPO Environmental Label Program registration intensity v1.13.

8. Remarks

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- For data quantification, please refer to PCR and Rules on quantification and declaration.
- Comparative assertion is permitted only when Rules on quantification and declaration are satisfied.
  (Reference URL : https://ecoleaf-label.jp/regulation/)