



SuMPO EPD  
Type III Environmental Declaration (EPD)  
Registration number : JR-AI-24499E

## Japan EPD Program by SuMPO

Sustainable Management Promotion Organization  
14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan  
<https://ecoleaf-label.jp/>



# EPSON

## A3 Inkjet Multifunction Printer

# EM-C7100 (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: EM-C7100

Main Specifications

- Multifunction device (Inkjet)
- Color
- Print speed: 25ppm (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-24499E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	1/30/2025
Verification date	1/21/2025
Verification method	Product-by-product
Verification#	JV-AI-24499
Expiration date	1/20/2030

### PCR review was conducted by:

Approval date	9/1/2023
PCR review panel chair	Masayuki Kanzaki (SuMPO)

### Third party verifier\*

Yasuo Koseki

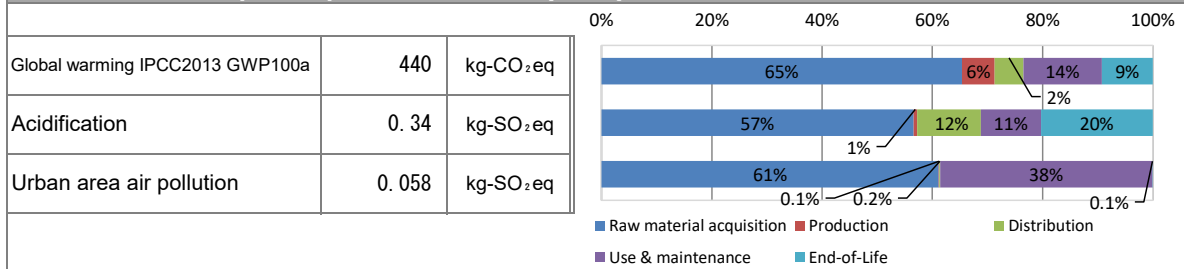
Independent verification of data & declaration in accordance with ISO14025

internal     external

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

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### 1. Results of life cycle impact assessment (LCIA)



Parameter	stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a		kg-CO <sub>2</sub> eq	4.4E+02	2.9E+02	2.6E+01	2.3E+01	6.3E+01	4.1E+01
Acidification		kg-SO <sub>2</sub> eq	3.4E-01	1.9E-01	2.2E-03	3.9E-02	3.7E-02	6.8E-02
Resources consumption		kg-Sbeq	5.8E-02	3.5E-02	6.6E-05	9.7E-05	2.2E-02	3.8E-05

### 2. Life cycle inventory analysis (LCI)

Parameter	Unit
Non-renewable material resources	3.7E+01 kg
Renewable material resources	9.3E+01 kg

### 3. Waste to disposal

Parameter	Unit
Steel	2.0E+01 kg
SUS	2.7E-01 kg
Aluminum	3.5E-02 kg
Other metal	3.0E+00 kg
Plastic	1.9E+01 kg
Rubber	5.2E-01 kg
Glass	1.4E+00 kg
Paper and wood	1.4E+01 kg
Circuit Board	1.2E+00 kg
Other	2.3E+00 kg

### 5. Additional explanation

- Product destination: North America
- Calculation method of use stage (scenario)
  - Expected usage period: 5 years
  - Estimated number of use: 90,000 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 (Inkjet)

\* In accordance with the ENERGY STAR® Ver.3.1  
 90,000 sheets = (25 pages x 12 jobs/day x 5 days) / 4 x 4 weeks x 12 months x 5 years

### 6-1. Supplementary environmental information

- This product and main components are produced in our ISO 14001 certified factories.
- Compliant with the International Energy Star Program Ver.3.1.
- 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/>)