

Product environmental attributes - THE ECO DECLARATION

The declaration may be published only when all rows and/or fields marked with an * are filled-in (n.a. for not applicable).

Brand *	EPSON	Logo
Company name *	Seiko Epson Corporation	EDCON
Contact information *	EPSON Europe B.V. environment@epson.eu	EPSON EXCEED YOUR VISION
Internet site *	http://www.epson.com	
Additional information		

The company declares (based on product specification or test results based obtained from sample testing), that the product conforms to the statements given in this declaration.					
Type of product *	Ink-Jet Multiple Function Printer				
Commercial name *	-M3170.M3170				
Model number *					
Issue date *	March 11,				
Intended market *	Global 🗸 Europe Asia, Pacific Americas Other				
Additional information					

This is an uncontrolled copy when in printed form. Please refer to the contact information for the latest version.

Quality	Quality control		
Item		Yes	No
QC1 *	The company enforces an internal quality control scheme to ensure the correctness of this eco declaration	\checkmark	
QC2 *	The company is a member of an eco declaration system that enforces regular independent quality control such as organized by IT-Företagen (see www.itecodeclaration.org).	\checkmark	

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Produc	ct environmental attributes - Legal requirements	Requirer	nent m	net
ltem		Yes	No	n.a.
P1	Hazardous substances and preparations			
P1.1*	Products do not contain more than; 0.1% lead, 0.01% cadmium, 0.1% mercury, 0.1% hexavalent chromium, 0.1% polybrominated biphenyls (PBB) or 0.1% polybrominated diphenyl ethers (PBDE). (See legal reference and Note B1)	\checkmark		
P1.2*	Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value.	\checkmark		
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachloride, 1,1,1- trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values.	\checkmark		
P1.4*	Products do not contain more than; 0.005% polychlorinated biphenyl (PCB), 0.005% polychlorinated terphenyl (PCT) in preparations (see legal reference).	\checkmark		
P1.5*	Products do not contain more than 0.1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine in the SCCP (see legal reference).	~		
P1.6*	Textile and leather parts with direct skin contact do not contain Tri-(2,3,-dibromopropyl)-phosphate (TRIS), Tris-(aziridinyl)-phosphineoxide (TEPA), polybrominated biphenyl (PBB) (see legal reference). Comment: Legal reference has no maximum concentration values.			 Image: A start of the start of
P1.7*	Textile and leather parts with direct skin contact do not contain more than 0.003% Azo colorants that split aromatic amines. (See legal reference and Note B1)			\checkmark
P1.8*	Wooden parts do not contain arsenic and chromium as a wood preservation treatment as well as pentachlorophenol and derivatives (see legal reference). Comment: Legal reference has no maximum concentration values.			\checkmark
P1.9*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0.5 microgram/cm2/week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:1998.			\checkmark
P1.10*	REACH Article 33 information about substances in articles is available at (add URL or mail contact):	\checkmark		
	http://www.epson.com/			
P2	Batteries			
P2.1*	If the product contains a battery or an accumulator, it is labeled with the disposal symbol and if it contains more than 0.0005% of mercury (for button cells only) by weight, or more than 0.004% of lead, it shall be marked with the chemical symbol for the metal concerned, Hg or Pb. Information on proper disposal is			
P2.2*	provided in user manual. (See legal reference) Button cells used in the product do not contain more than 2% by weight of mercury. Other batteries or			
	accumulators do not contain more than 0.0005% of mercury or 0.002% of cadmium. (See legal reference)			\checkmark
P2.3*	Batteries and accumulators are easily removable by either users or service providers (as dependent on the design of the product). Exception: Batteries that are permanently installed for safety, performance, medical			\checkmark
P3	or data integrity reasons do not have to be "easily removable". (See legal reference)			
P3.1*	Safety, EMC connection to the telephone network and labeling The product complies with legally required safety standards as specified (see legal reference).			
P3.2*	The product complies with legally required standards for electromagnetic compatibility (see legal reference).	✓ ✓	-	
P3.3*	If product is intended for connection to a public telecom network or contains a radio transmitter, it complies	∨		
	with legally required standards for radio and telecommunication devices (see legal reference).			
P3.4*	The product is labeled to show conformance with applicable legal requirements (see legal reference).	~		
P4	Consumable materials			
P4.1*	If a photo conductor (drum, belt etc.) is used in the product, it does not contain cadmium max 0.01% (see legal reference and Note B1).			
P4.2* P4.3*	If ink/toner is used in the product, it does not contain cadmium max 0.1% by weight (see legal reference). If the ink/toner formulation/preparation is classified as hazardous according to applicable regulations, the product/packaging is adequately labeled and a Safety Data Sheet (SDS) in accordance with these requirements is available (see legal reference).	✓ ✓		
P5	Product packaging			
P5.1*	Packaging and packaging components do not contain more than 0.01% lead, mercury, cadmium and hexavalent chromium by weight of these together.	\checkmark		
P5.2*	Plastic packaging material is marked according to ISO 11469 referring ISO 1043 (see legal reference).		1	
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montreal Protocol (see legal reference). Comment: Legal reference has no maximum concentration values.	\checkmark		

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Product environmental	attributes - Market requirements - Environmental conscious design	Require	ement	met				
Item *=mandatory to	fill in. Additional information regarding each item may be found under P14.	Yes	No	n.a.				
P6 Treatment info	mation							
	ecyclers/treatment facilities is available (see legal reference).	\checkmark						
P7 Design								
Disassembly, r	ecycling							
	o be treated separately are easily separable.	\checkmark						
	in covers/housing have no surface coating.	~						
	Plastic parts >100g consist of one material or of easily separable materials.							
-	Plastic parts >25g have material codes according to ISO 11469 referring ISO 1043.							
	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.							
	/ separable. (This requirement does not apply to safety/regulatory labels).	\checkmark						
Product lifetime								
	e done e.g. with processor, memory, cards or drives.	~						
	e done using commonly available tools.	\checkmark						
	available after end of production for: years							
	ble after end of production for: years							
	bstance requirements							
	pusing material type:							
Material type: F								
	nsulation materials of power cables are PVC free.							
	nsulation materials of signal cables are PVC free.							
	g plastic parts >25g are free from chlorine and bromine.							
-	t boards (without components) >25g are halogen free. as defined in IEC61249-2-21. (See Note	B						
	plastic parts >25g in covers / housings are marked according ISO 1043-4:		\square					
Marking:								
P7.17 Alt. 1	actions of flows retardants in printed size it boards > 25 a (without components).							
	cations of flame retardants in printed circuit boards >25g (without components):							
TBBPA (additive Alt. 2	TBBPA Other; chemical CAS #:							
	cations of flame retardants in printed circuit boards (without components) >25g according							
ISO 1043-4:								
P7.18 Alt. 1								
	plastic parts >25g contain the following flame retardant substances/preparations in							
concentrations a								
	gal limits exist, this is a market requirement.							
1. Chemical nan								
2. Chemical nan								
3. Chemical nan								
Alt. 2	ο. οτο π.							
	cations of flame retardants in plastic parts >25g according ISO 1043-4:							
P7.19 Plastic parts >2	g are free from flame retardant substances/ preparations above 0.1% classified as R45,		_					
	R50, R51, R53, R60, R61 and any combination of these (See Note B3)							
P7.20 Of total plastic p	arts weight >25g, recycled material content is %							
	arts weight >25g, biobased material content is %							
	e free from mercury.	\square						
-	d specify: Number of lamps: and max. mercury content per lam mg							
P8 Batteries								
	Battery chemical composition:							
	Batteries meet the requirements of the following voluntary program/s:							

Annex B of ECMA-370 4th edition Amended, February 2010

Note B2: IEC61249-2--21 has maximum limits for chlorine and bromine but does not address fluorine, iodine and astatine which are included in the group of halogens.

Note B3: 'Starting from January 2009, Risk phrases can be replaced by Hazard phrases according to the Globally Harmonized System (GHS), mandatory by December 2010.

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Product enviror	roduct environmental attributes - Market requirements (continued) Requirement met										
Item	Yes No n.a.							n.a.			
P9 Energy	consumption	n									
	product the fo	llowing power levels o	or energ	gy consump	otions	have been r	neasu	ured:			
Energy mode *		Power level at 100 V AC	Power 115	level at V AC		ower level at 30 VAC		Reference / Standard for en and test method *	nergy mo	des	
Save 1		W		W		0.9 W		Based on SEIKO EPSC	ON Stand	arc	
Off 1		w		W		0.2 W		Based on SEIKO EPSC	ON Stand	arc	
		w		W		W					
		w		W		W					
		w		W		W					
		w		W		W					
EPS No-load (External power su charger plugged ir outlet but disconne the product.)	n the wall	w		W		w					
PTEC * Typical Energy Cc	onsumption	W		W		W					_
TEC * Typical Energy Co ETEC *		kWh/week		kWh/wee	ĸ	kWh/v	week				~
Annual Energy Co	nsumption	kWh/year		kWh/yea	ır	kWh/	year				✓
Display resolution	* .	Megapixels									 ✓
Print Speed *	:	25 Images per m	ninute								
Default time to ent	er energy sav	/e mode:	minute	S				•			
P9.2* Informa	tion about the	energy save function	is prov	ided with th	ne pro	oduct			\checkmark		
P9.3* The pro	duct meets th	e energy requirement	s of the	e following v	/olunt	tary program/	/s:				
ENERG Others	GY STAR® specify:	version Ver2.0	Tie	r:		Product ca	tegory	y:			
P10 Emissi	ons										
	mission – De	eclared according to I	SO 929	6							
P10.1 Mode	Mc	ode description			so	Declared A-weighted ound power vel L _{WAd} (B)	-		_{pAm} (dB)	not	
Idle	*	Idoling			*	Inaudible I	в	dB			
Operati	on *	Operation			*	6.9	_	dB			1 ⊣
Other m		<u>.</u>					в	dB			1
	ed according t	to: 🗸 ISO7779 🗌	ECMA-		t cove			with L _{pAm} measurement dista	ance	m)	
P10.2 The pro	duct meets th	e acoustic noise requ	irement	ts of the fol	lowin	a voluntarv p	rogran	m/s:			

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Product	t environmental attributes - Market requirements (continued)	Require	ement	met		
Item		Yes	No	n.a.		
	Chemical emissions from printing products					
P10.3*	Test performed according to ECMA-328(ISO/IEC28360) standard, other specify: RAL-UZ205	\checkmark				
P10.4	Typical emission rate (print phase) is (mg/h):					
	Dust Ozone Styrene Benzene TVOC					
P10.5	Chemical emission requirements of the following voluntary program. are met for :					
	Dust Ozone Styrene					
	Benzene TVOC					
	Electromagnetic emissions					
P10.6	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary					
	program/s:					
P11	Consumable materials for printing products					
P11.1*	A Safety Data Sheet (SDS) is available for the ink/toner preparation, even if not legally required (see P4.3).	\checkmark				
P11.2*	Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements of	\checkmark				
	EN12281.					
P11.3*	2-sided (duplex) printing/copying is an integrated product function.	~				
P12	Ergonomics for computing products					
P12.1*	The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.					
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.			\checkmark		
P13	Packaging and documentation					
P13.1*	Product packaging material type(s): Corrugated Fibreboard weight (kg) 1.39					
	Product packaging material type(s): Foamed PS weight (kg) 0.10					
	Product packaging material type(s): PE weight (kg) 0.05					
P13.2*	Product plastic packaging is free from PVC.	1				
P13.3*	Specify media for user and product documentation (tick box):					
	Electronic 🗸 Paper 🗸 Other 🗌					
P13.4*	For paper user and product documentation, please specify contained percentage of post-consumer recycled					
	fiber 0 %					
P14	Additional information (See Note B4)					
P7	Product main body is recyclable. \bigcirc <55% $55\% \leq \checkmark$ Not includes accThis should not i		•	ns.		

Legal references Europe Annex B

Reference	Declaration itom
2002/95/EC (ROHS Directive)	Declaration item P1.1, P4.1
	· · · · · · · · · · · · · · · · · · ·
76/769/EEC (Marketing and Use Directive)	P1.6, P1.8, P4.2
amendment 89/677/EEC	P1.4
amendment 1999/77/EC	P1.2
amendment 2003/3/EC	P1.7
amendment 94/27/EEC	P1.9
Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000	P1.3
Norwegian regulation relating to restrictions on the use	P1.5
of certain dangerous chemicals 20.12.2002	
2006/66/EC (Battery and accumulators Directive)	P2.1, P2.2, P2,3, P3.4, P8.1
2006/95/EC (Low Voltage Directive)	P3.1, 3.4
2004/108/EEC (New EMC Directive)	P3.2, 3.4
1999/5/EC (R&TTE Directive)	P3.3, 3.4
"REACH" Regulation (1907/2006), annex VII	P1.10
(EC) No.1272/2008 regulation on classification, labeling and	P4.3
packaging (CLP)	
REACH article 31, annex II	P4.3
2004/12/EC (Directive on packaging and packaging	P5.1
waste)	
(97/129/EC) (Commission Decision on Identification	P5.2
System for Packaging Materials	
2037/2000/EC Regulation on Substances that Deplete	P5.3
the Ozone Layer	
2002/96/EC (WEEE directive)	P3.4, P6.1
(EC) No.1272/2008 regulation on classification, labeling and	P7.19
packaging (CLP)	