

ecma 💩 IT-Företagen

## Product environmental attributes - THE ECO DECLARATION

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 *	Liquid Crystal Projector					
Commercial name *						
Model number *	EB-FH52					
Issue date *	oruary 20, 2020					
Intended market *	🗆 Global 🗹 Europe 🗋 Japan 📄 U.S. 🗋 Other					
Additional information	nay be found under Qualitycontrol.					

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

Quality c	ontrol Requirement met		
Item	Additional information regarding each item may be found under P14.	Yes	No
QC1 *	The company enforces an internal quality control scheme to ensure the correctness of this eco declaration	7	
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).	7	

Additional information

The plastic parts of housing must not contain any halogen, PVC.

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Product	environmental attributes - Legal requirements Requirement met			
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No	n.a.
P1	Hazardous substances and preparations			
P1.1*	Products do not contain lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) as specified in <i>EU 2002/95/EC and its amendments</i>	4		
P1.2*	Products do not contain Asbestos (EU 76/769/EEC, amendment 1999/77/EC)	J		
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachloride, 1,1,1- trichloroethane, methyl bromide ( <i>EU</i> : <i>Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000)</i>	7		
P1.4*	Products do not contain polychlorinated biphenyl (PCB), polychlorinated terphenyl (PCT), (EU 76/769/EEC)	1		
P1.5*	Products do not contain short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine in the SCCP as specified in Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	¥		
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) (EU 76/769/EEC)			4
P1.7*	Textile and leather parts with direct skin contact do not contain Azo colourants that split aromatic amines as specified in EU 76/769/EEC, amendment 2003/3/EC			7
P1.8*	Wooden parts do not contain arsenic and chromium as a wood preservation treatment as well as pentachlorophenol and derivatives (EU 76/769/EEC)			1
P1.9*	Parts with direct and prolonged skin contact do not release nickel in concentrations higher than specified in 76/769/EEC, amendment 94/27/EEC			~
P2	Batteries			
P2.1*	f hazardous batteries (as defined in 91/157/EEC) are used in the product they are easily removable and labelled with the disposal and the substance logo (as defined in 91/157/EEC, 93/86/EEC)	1		
P2.2*	If batteries are used in the product they do not contain mercury in concentrations higher than specified in 91/157/EEC	1		
P2.3*	If batteries are permanently installed in the product, information on the environmentally hazardous substances and safe removal method is listed in the user manual (91/157/EEC)			<b>J</b>
P3	Electrical safety, EMC and connection to the telephone network			
P3.1*	The product meets the Low Voltage Directive (LVD) regarding electrical safety. (73/23/EEC & 93/68/EEC)	J		
P3.2*	The product meets the EMC Directive regarding electromagnetic compatibility (89/336/EEC / 2004/108/EEC after June, 20th 2007.	7		
P3.3*	If product is intended for connection to a public telecom network or contains a radio transmitter, it meets the EU R&TTE Directive (1999/5/EC).			7
P3.4*	The product is CE-marked and a Declaration of Conformity is available (93/68/EEC).	J		
P4	Consumable materials			
P4.1*	If a photo conductor (drum, belt etc.) is used in the product, it does not contain cadmium in concentrations higher than specified in (76/769/EEC and 91/338/EEC)			7
P4.2*	If ink/toner is used in the product, it does not contain cadmium in concentrations higher than specified in (76/769/EEC and 91/338/EEC).			1
P4.3*	If the ink/toner formulation/preparation is classified as hazardous according to EU Directive 1999/45/EC, and as amended, the product/packaging is labelled and a Material Safety Data Sheet (MSDS) in accordance with (99/45/EC & 2001/58/EC) is available.			7
P5	Product packaging			
P5.1*	The sum of the concentration levels of lead, cadmium, mercury, and hexavalent chromium present in packaging or packaging components does not exceed 0,01% by weight (94/62/EC).	4		
P5.2*	Plastic packaging material is marked according to ISO 11469 referring ISO 1043.(97/129/EEC).		J	
P5.3*	The product packaging material is free from CFC/HCFC.		4	
P6	Treatment information			
P6.1*	Information for recyclers/treatment facilities (e.g. as requested by 2002/96/EC) is available.	4		

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Product	enviro	onmental a	ittribu	utes - Market require Requirem		mental conscious des	sign			
Item	*=ma	ndatory to	fill in.	Additional information	n regarding each	item may be found und	er P14.	Yes	No	n.a.
P7	Desig Disas	n sembly, re	cycli	ng						
P7.1*	Parts that have to be treated separately are easily separable.							7		
P7.2*	Plastic	c materials	in co	vers/housing have no	surface coating.			1		
P7.3*	Plastic	c parts >10	0g co	nsist of one material of	or of easily separ	able materials.		4		
P7.4*	Plastic	parts >25	g hav	e material codes acco	ording to ISO 114	69 referring ISO 1043.		1		
P7.5	Plastic	parts are	free f	rom metal inlays or ha	ave inlays that ca	n be removed with com	monly available tools.		4	
P7.6*		-			-	y to safety/regulatory la		4		
	Produ	ict lifetime	)	· ·			•			
P7.7*	Upgra	ding can b	e don	e e.g. with processor,	memory, cards o	or drives.				4
P7.8*	Upgrading can be done using commonly available tools.									J
P7.9.	Spare parts are available after end of production for: 6 years									
P7.10	-	-		er end of production f		years				
-				ce requirements	-	,				_
P7.11*				material type:						
		al type: P	-	•••	Material type:		Material type:			
P7.12*						en free (including PVC)			1	
P7.13*					-	en free (including PVC)			4	
P7.14				tic parts >25g are hald	-			1		
P7.15		-		ds (without componen	-	aon froo			- -	
P7.16				· ·	1	g plastic parts >25g acc	ording ISO 1042 A		4	
		FR(40	))				-	1		
97.17	Chemical specifications of flame retardants in printed circuit boards (without components) >25g according ISO 1043-4: FR(15)					1				
P7.18	Weigh	t of recycle	ed ma	terial in plastic parts i	S	0 kgs				
P7.19		•	-	free from flame retard (67/548/EEC).	dant substances/	preparations above 0.1	% classified as R45/46,		4	
P7.20	-			from mercury. cify: Number of lamps	s: 1 an	d max. mercury conten	t per lam; 50 mg	7		
-8	Batte	-	u opo				r por lam, oo mg			
<b>9</b> 28.1*			t cont	ain hatteries defined a	s hazardous acc	ording to 91/157/EEC.				
P8.2*		y chemical						7		
-0.2 -8.3		-		uirements of the follow		ogram/s: 0				- -
P9		v consum			wing voluntary pro	Jgram/s. 0				Ľ
			•			tione have been more	une de			
P9.1				-		otions have been meas		Deferre		
Mode		wer level a		Time (s) to <mode></mode>	Mode descrip	uun		Referen		n.a
2	Î		Volts		*			Standa	a	
Dn-max		007	W			in defending to (12)			1150 01	<b>√</b>
On-norma	ai *	327	W	to	Projection	in default mode (High	Brightness)	- ISO	/IEC 21	
On-idle			W	to	*			*		4
Save 1	*	0.3	W	to	* Standby r	node		* ISO	/IEC 21	18
Save 2			W	to	*			*		4
Off 1	* W to *			4						
Off 2			W	to	*			*		1
No load	*		W		External power from the prod		gged in but disconnected	*		1
TEC	*		kW	h/y Typical Energy Co	onsumption per v	ear		*		7
P9.2*	Inform	ation abou		energy save function				1		
P9.3				energy requirements						
0.0	ENER	GY STAR				ionaniary programio.				7 7

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Produc	t environmental a	attributes - Market requirements (	(continue	d) Requirement met	ł			
Item	*=mandatory to	fill in. Additional information regard	ing each i	tem may be found un	der P14.	Yes	No	n.a.
P10	Emissions							
	Noise emission	- Declared according to ISO 9296						
P10.1	Mode	Mode description		Declared A-weighted	Declared sound pressu			
				sound power	Operator position	ator position Bystander positions		
				level L <sub>WAd</sub> (B)	7		]	
					Desktop	(only if produ		t
					or Deskside	operator atte	ended)	
	Idle	*		* B	dB			4
	Operation	* High Brightness		* В	37 dB			
	Other mode			В	dB			
	Measured accord	-						
510.0				ot covered by ECMA-7				n)
P10.2		ets the acoustic noise requirements	of the fol	lowing voluntary prog	ram/s:			J
D40.0*		sions from printing products		a a na a a ifi u				
P10.3*	The test covers:	according to ECMA-328 standard	,ou Styren	her specify:				
P10.4			,					
F 10.4	Electromagneti	ets the chemical emission requirem			program			1
P10.5		y meets the requirement for low fre		ectromagnetic fields	of the following volunt	tary 🔲		7
1 10.5	program/s:	y meets the requirement for low ne	quericy er					4
P11		aterials for printing products						
P11.1*		/ Data Sheet (MSDS) is available for	or the ink/	toner preparation eve	en if not legally require	ed 🗌		1
	(see P4.3).				in in not regariy require			
P11.2*	Paper containing	recycled fibres that meets the requ	uirements	of EN12281 can be u	used.			J
P11.3*	2-sided (duplex) printing/copying is an integrated product function.							4
P12		computing products						
P12.1*		vstem meets the ergonomic require 06-2 for flat panel displays.	ments of I	EN 29241-3, -7, -8 foi	r CRT displays			7
P12.2*	The product keyl	poard meets the requirements of IS	O 9995 a	nd EN 29241-4.				7
P12.3*	The computer in	put device meets the requirements	of ISO 92	241-9.				4
P13	Packaging and	documentation						
P13.1*	Product packagi	ng material type(s): Corrugated Fib	oreboard	weight (kg)	0.616	1		
	Product packagi	ng material type(s): Foamed PS		weight (kg)	0.061			
	Product packagi	ng material type(s): PE		weight (kg)	0.056			
P13.2*	Product plastic p	ackaging is halogen free (including	PVC)			1		
P13.3*		t documentation do not contain chl		ched paper			4	
P13.4*		t documentation contain recycled p	aper			1		
P14	Additional infor							
P7	Product main body is recyclable. □<<65% 65%≦ ⊡ Not includes accessories or options. This should not include thermal recycl							

## NOTE

Additional lines may be inserted to declare further items, by positioning the cursor at the far right of the row and hitting the <Enter> key.