

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)			J
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			
9 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	√
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 _{WAd} (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.