

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).

Additional information regarding each item may be found under P14.

Brand *	Lexmark	Logo
Company name *	Lexmark International, Inc.	7М
Contact information *	Drew Zande (USA)	Lexmark
Internet site *	www.lexmark.ted / www.lexmark.com	
Additional information		

	pased on product specification or test results based obtained from sample testing), that the product ts given in this declaration.
Type of product *	Single Function Mono Laser Printer
Commercial name *	Lexmark MS811n, Lexmark MS811dn, Lexmark MS811dtn, Lexmark MS818dn
Model number *	MS811n, MS811dn, MS811dtn, MS818dn
Issue date *	February 25, 2014 (Revised June 1, 2017)
Intended market *	☐ Global ☐ Europe ☐ Asia, Pacific & Japan ☐ Americas ☐ Other
Additional information	

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

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

Model number *	MS811n, MS811dn, MS811dtn, MS818dn		
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Product	environmental attributes - Legal requirements	Require	ment	met
Item		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	\boxtimes		
	chromium, 0.1% polybrominated biphenyls (PBB) or 0.1% polybrominated diphenyl ethers (PBDE). (See	_	_	
	legal reference and Note B1)			
P1.2*	Products do not contain Asbestos (see legal reference).			
	Comment: Legal reference has no maximum concentration value.			
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC),	\boxtimes		
	hydrobromofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachloride, 1,1,1-		_	
	trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum			
	concentration values.			
P1.4*	Products do not contain more than; 0.005% polychlorinated biphenyl (PCB), 0.005% polychlorinated			
	terphenyl (PCT) in preparations (see legal reference).			
P1.5*	Products do not contain more than 0.1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in	\boxtimes		
	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),			\boxtimes
	Tris-(aziridinyl)-phosphineoxide (TEPA), polybrominated biphenyl (PBB) (see legal reference).			_
	Comment: Legal reference has no maximum concentration values.			
P1.7*	Textile and leather parts with direct skin contact do not contain more than 0.003% Azo colorants that split			\boxtimes
	aromatic amines. (See legal reference and Note B1)			
P1.8*	Wooden parts do not contain arsenic and chromium as a wood preservation treatment as well as			\boxtimes
	pentachlorophenol and derivatives (see legal reference).		_	
	Comment: Legal reference has no maximum concentration values.			
P1.9*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0.5	\boxtimes		
	microgram/cm ² /week (see legal reference).		_	_
	Comment: Max limit in legal reference when tested according to EN1811:1998.			
P1.10*	REACH Article 33 information about substances in articles is available at (add URL or mail contact):	\boxtimes		
	REACH Program Manager, HOD9237, 740 W. New Circle Rd., Lexington, KY 40550		_	
P2	Batteries			
P2.1*	If the product contains a battery or an accumulator, it is labeled with the disposal symbol and if it contains	\square	$\overline{}$	$\overline{}$
	more than 0.0005% of mercury (for button cells only) by weight, or more than 0.004% of lead, it shall be		ш	
	marked with the chemical symbol for the metal concerned, Hg or Pb. Information on proper disposal is			
	provided in user manual. (See legal reference)			
P2.2*	Button cells used in the product do not contain more than 2% by weight of mercury. Other batteries or	\boxtimes		
	accumulators do not contain more than 0.0005% of mercury or 0.002% of cadmium. (See legal reference)			
P2.3*	Batteries and accumulators are easily removable by either users or service providers (as dependent on the	• 🛛	\Box	
	design of the product). Exception: Batteries that are permanently installed for safety, performance, medical			
	or data integrity reasons do not have to be "easily removable". (See legal reference)			
P3	Safety, EMC connection to the telephone network and labeling			
P3.1*	The product complies with legally required safety standards as specified (see legal reference).	\square		
P3.2*	The product complies with legally required standards for electromagnetic compatibility (see legal	X	一一	H
. 0.2	reference).		ш	ш
P3.3*	If product is intended for connection to a public telecom network or contains a radio transmitter, it complies	; X	$\overline{}$	
. 0.0	with legally required standards for radio and telecommunication devices (see legal reference).		ш	ш
P3.4*	The product is labeled to show conformance with applicable legal requirements (see legal reference).	\square	\neg	
	· · · · · · · · · · · · · · · · · · ·		<u> Ш</u>	
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	\boxtimes		
D 4 0*	legal reference and Note B1).			
P4.2*	If ink/toner is used in the product, it does not contain cadmium max 0.1% by weight (see legal reference).	\boxtimes		
P4.3*	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 an	d 🔀		
	hexavalent chromium by weight of these together.			
P5.2*	Plastic packaging material is marked according to ISO 11469 referring ISO 1043 (see legal reference).	\boxtimes		
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montrea	al 🔀	市	一一
	Protocol (see legal reference).			
	Comment: Legal reference has no maximum concentration values.			

Note B1: Restriction applies to the homogeneous material, unless other specified and expressed in weight %.

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Product	environmental attributes - Market requirements - Environmental conscious design R	equire	ment	met
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No	n.a.
P6	Treatment information			
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).	\boxtimes		
P7	Design			
D7.4*	Disassembly, recycling	<u> </u>	_	
P7.1*	Parts that have to be treated separately are easily separable			<u>Н</u>
P7.2*	Plastic materials in covers/housing have no surface coating.			<u>Ц</u>
P7.3*	Plastic parts >100g consist of one material or of easily separable materials.		Щ	<u>Ц</u>
P7.4*	Plastic parts >25g have material codes according to ISO 11469 referring ISO 1043.	\boxtimes		
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.	\boxtimes		
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).	\boxtimes		
	Product lifetime			
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives	\boxtimes		
P7.8*	Upgrading can be done using commonly available tools	\boxtimes		
P7.9.	Spare parts are available after end of production for: 5 years			
P7.10	Service is available after end of production for: 5 years			
	Material and substance requirements			
P7.11*	Product cover/housing material type:			
	Material type: ABS Material type: HIPS Material type: PC/ABS			
P7.12	Electrical cable insulation materials of power cables are PVC free.		\boxtimes	
P7.13	Electrical cable insulation materials of signal cables are PVC free		\boxtimes	
P7.14	All cover/housing plastic parts >25g are free from chlorine and bromine.		\boxtimes	
P7.15	All printed circuit boards (without components) >25g are halogen free. as defined in IEC61249-2-21. (See		\boxtimes	
	Note B2)			
P7.16	Flame retarded plastic parts >25g in covers / housings are marked according ISO 1043-4: Marking:			
P7.17	Alt. 1			
	Chemical specifications of flame retardants in printed circuit boards >25g (without components):			
	TBBPA (additive) , TBBPA (reactive) , Other; chemical name: , CAS #:			
	Alt. 2			
	Chemical specifications of flame retardants in printed circuit boards (without components) >25g according	\bowtie		
	ISO 1043-4: FR(16)		_	
P7.18	Alt. 1			
	Flame retarded plastic parts >25g contain the following flame retardant substances/preparations in concentrations above 0.1%:			
	Comment: No legal limits exist, this is a market requirement.			
	1. Chemical name: , CAS #:			
	2. Chemical name: , CAS #:			
	3. Chemical name: , CAS #:			
	Alt. 2			
	Chemical specifications of flame retardants in plastic parts >25g according ISO 1043-4: FR(40), FR(17), FR(16), FR(50)			
P7.19	Plastic parts >25g are free from flame retardant substances/ preparations above 0.1% classified as R45, R40, R46, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3)			
P7.20	Of total plastic parts' weight >25g, recycled material content is <i>up to 16</i> %.			
P7.21	Of total plastic parts' weight >25g, biobased material content is %.			
P7.22	Light sources are free from mercury	\boxtimes		
	If mercury is used specify: Number of lamps: and max. mercury content per lamp: mg	<u></u>		
P8	Batteries			
P8.1*	Battery chemical composition: Lithium Manganese Dioxide, LiMnO2			Щ.
P8.2	Batteries meet the requirements of the following voluntary program/s:			

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 (<u>environmenta</u> l a	<u>ittributes - Market re</u>	quirements (con	tinued)			<u>Requi</u>	remen	met
Item							Yes	s No	n.a.
P9	Energy consump								
9.1	For the product th	ne following power levels	or energy consump	tions are report	ted:				
Energy mo	ode *	Power level at 100 V AC	Power level at 115 V AC	Power level 230 V AC	at	Reference / Standard modes and test method		energy	
Printing		755 W	752 W	759 W		Corporate Standard			
Ready 1 N	lode	44.6 W	44.6 W	47 W		Energy Star I E V2.0			
Ready 2 N	l ode	21.2 W	24.7 W	25.3 W		Energy Star I E V2.0			
Sleep Mod	de	2.7 W	2.7 W	2.8 W		Energy Star I E V2.0			
Hibernate	Mode	0.42 W	0.44 W	0.45 W		IEC 62301			
Off Mode		0.1 W	0.1 W	0.1 W		IEC 62301			
EPS No-lo		W	W	W					\boxtimes
charger plu	oower supply / ugged in the wall								
the produc	disconnected from the state of								
PTEC *	,	W	W	W					
Typical En	ergy Consumption								
TEC *		3.9 kWh/week	3.9 kWh/week	4.0 kWh/week		Energy Star I E V2.0			
Typical En	ergy Consumption								
ETEC *		kWh/year	kWh/year	kWh/ye	ar				
Annual En	ergy Consumption								
Display res	solution* : N	Megapixels							
Print Spee	d * : 63 lmag	ges per minute				ISO 24734 (US Letter)			
Default tim	e to enter energy s	save mode: 30 minutes				Energy Star I E V2.0			
P9.2*	Information about	the energy save function	n is provided with th	e product.			X		
P9.3*	•	ts the energy requirement		,, ,	n/s:			, –	$\overline{}$
	Others specify: R	version: 2.0 Tier: Prod AL-UZ 171	uct category: Imagi	ng Equipment			X	」	\mathbb{H}
P10	Emissions								
		 Declared according to 	ISO 9296						
P10.1	Mode	Mode description		Declared A-weighted		Declared A-weight		5 \	
				sound power		sound pressure level L_{μ}			_
				level $L_{W\!Ad}$ (B)	Ope		ander p	ositions	
						Desktop (only i	f produ	ct is not	
						ope		ttended)	
	Idle	* Ready		4.7		32			4 📙
	Operation	* Simplex Monochrom Normal Mode	e Printing,	7.3		58			
	Other mode	Simplex Monochrom Quiet Mode	e Printing,	6.8		53			
	Measured accord	J	ECMA-74	h EONA 74	. L. I	and the second second		\	
P10.2	The product most	Other	(only if not covered	by ECIVIA-74 WIT	II LpAr	m measurement distance am/s: RAL-UZ 122/RAL-	r	n) 1 🗖	\perp
10.2	117 171	is the accustic Hoise 189	uncincino di tile Idi	owning voluntary	progr	anno. NAL-UL IZZ/NAL-		ы Ш	

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Product	environmental attributes - Market requirements (continued)	equire	ment	met
Item		Yes	No	n.a.
	Chemical emissions from printing products			
P10.3*	Test performed according to ECMA-328 (ISO/IEC 28360) standard, other specify: RAL-UZ-122/RAL-UZ 171			
P10.4	Typical emission rate (print phase) is (mg/h):			
D10 F	Dust <0.9 Ozone <0.06 Styrene <0.2 Benzene <0.03 TVOC 5.8		_	
P10.5	Chemical emission requirements of the following voluntary program/s RAL-UZ-122/RAL-UZ 171 are met for :	\boxtimes	Ш	
	Dust ✓ Ozone ✓ Styrene ✓ Benzene ✓ TVOC			
D40.0	Electromagnetic emissions			
P10.6	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program/s:	Ш	Ш	Ш
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).	\boxtimes		
P11.2*	Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements of EN12281.			
P11.3*	2-sided (duplex) printing/copying is an integrated product function.	\boxtimes		
P12	Ergonomics for computing products			
P12.1*	The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.			X
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.		$\overline{\Box}$	X
P13	Packaging and documentation			
P13.1*	Product packaging material type(s): Corrugated weight (kg): 2.654			
	Product packaging material type(s): <i>Polystyrene, expanded</i> Product packaging material type(s): <i>Low Density Polyethylene</i> *Polypropylene – 0.065 kg* weight (kg): 0.634* weight (kg): 0.081*			
P13.2*	Product plastic packaging is free from PVC.	\boxtimes		
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%			
Rev. P13.5	User and product documentation do not contain chlorine bleached paper			
P14	Additional information (See Note B4)			
P1.1	This product uses RoHS exemptions for lead used in small amounts for specific applications.			
P2.1	The battery contained within this product should be disposed of properly with the product. The product is properly lab disposal symbol and instructions for such disposal is listed in the product User's Guide.	eled with	the W	'EEE
P2.3	The battery contained within this product meets the exception listed. The battery is not intended to be removed by the however, is designed for easy removal by recyclers and service providers.	e custom	er;	
P7.2	Special part: Small op panel screen (less than 25g) is backpainted.			
P7.14	A small amount of bromine may be present in covers due to sourcing post consumer recycled content. No bromine was in the processing of these parts.	intentio	nally a	dded
P7.20	Per IEEE 1680.2 PCR calculation.			
P9.1	Information provided in P9.1 is for products with firmware FW LW30.DN2.P311 or higher. Print speed listed is Letter; A The following table provides energy data for products with lower levels of firmware:	4 speed i	s 60 pp	m.

Note B4: 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.

P9 Energy consumpt	ion			, ,	
	following power levels	or energy consump	tions are reported:		
Energy mode *	Power level at 100 V AC	Power level at 115 V AC	Power level at 230 V AC	Reference / Standard for energy modes and test method *	
Printing	755 W	752 W	759 W	Corporate Standard	
Ready 1 Mode	40.3 W	41.1 W	51.5 W	Energy Star I E V1.2	
Ready 2 Mode	27.3 W	28 W	30.3 W	Energy Star I E V1.2	
Sleep Mode	4.0 W	4.0 W	4.0 W	Energy Star I E V1.2	
Hibernate Mode	0.42 W	0.44 W	0.45 W	IEC 62301	
Off Mode	0.1 W	0.1 W	0.1 W	IEC 62301	
EPS No-load (External power supply / charger plugged in the wall outlet but disconnected from the product.)	W	W	W		
PTEC * Typical Energy Consumption	W	W	W		\boxtimes
TEC * Typical Energy Consumption	4.38 kWh/week	4.34 kWh/week	4.21 kWh/week	Energy Star I E V1.2	
Етес * Annual Energy Consumption	kWh/year	kWh/year	kWh/year		
Display resolution* : Me	egapixels				\boxtimes
Print Speed * : 63 Image	s per minute			Corporate Standard	
Default time to enter energy sa	ve mode: 30 minutes			Energy Star I E V1.2	
P9.2* Information about t	he energy save functio	n is provided with th	e product.		
	the energy requirement version: 1.2 Tier: 1 Pro L UZ 122			X D	
Lexmark MS811n mode	el does not have	2-sided (duple	ex) printing/cop	ying as an integrated function	1
Packaging data display Packaging data for MS	811dtn:				
Product packaging man		-	weight (kg): 2. anded wei	678 ght (kg): 0.7247	
Product packaging man Polypropylene – 0.065	terial type(s): Lo			ght (kg): 0.081	
	oply item recycli	ng informatio	n for your area i	may be found at http://lexm may be found at http://lexma	

Legal references Europe Annex B

Reference	Declaration item
2002/95/EC (ROHS Directive)	P1.1, P4.1
REACH, Annex XVII	P1.6, P1.8, P4.2
REACH, Annex XVII	P1.4
REACH, Annex XVII	P1.2
REACH, Annex XVII	P1.7
REACH, Annex XVII	P1.9
Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000	P1.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
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 packaging (CLP)	P4.3
REACH article 31, annex II	P4.3
2004/12/EC (Directive on packaging and packaging waste)	P5.1
(97/129/EC) (Commission Decision on Identification System for Packaging Materials	P5.2
2037/2000/EC Regulation on Substances that Deplete the Ozone Layer	P5.3
2002/96/EC (WEEE directive)	P3.4, P6.1
(EC) No.1272/2008 regulation on classification, labeling and packaging (CLP)	P7.19