



Annex B1 - Product environmental attributes Imaging equipment

The declaration may be published only when all rows and/or fields marked with * are filled-in (n.a. for not applicable). Additional information regarding each item may be found under P15.

Brand *	Lexmark	Logo
Company name *	Lexmark International Inc.	
Contact information *	David DeVore	- 70
e-mail address	Lexmark International Inc.	Lexmark
	740 New Circle Road, Building 001	Lexillark
	Lexington, KY 40550	
	david.devore@lexmark.com	
Internet site *	www.lexmark.com/TED - and- csr.lexmark.com	
Additional information		_

The company declares (he company declares (based on product specification or test results based obtained from sample testing), that the product		
conforms to the statemen	conforms to the statements given in this declaration.		
Type of product *	Multi-function Mono Laser Device		
Commercial name *	Lexmark [MX521de, MX521ade, MB2546ade, MB2546adwe]		
Model number *	MX521de, MX521ade, MB2546ade, MB2546adwe		
Issue date *	17 April 2018 (revised in 05 August 2020)		
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.

About Annex B1

Annex B1 reflects Product environmental attributes relevant for Imaging products. The following items from the ECMA-370 Main body are not shown in the template:

P9.1 PTEC, ETEC and display resolution

P12.1-P12.2 Ergonomic requirements.

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Model number *	MX521de, MX521ade, MB2546ade, MB2546adwe	Logo	194
Issue date *	17 April 2018 (revised in 05 August 2020)		Lexmark

Produc	t environmental attributes - Legal requirements	Require	men	met
Item		Yes	No	n.a.
P1	Hazardous substances and preparations			
P1.1*	Products do comply with the current European RoHS Directive. (See legal reference and NOTE B1)	\boxtimes		
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), 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 the	∍ 🔀		
P1.6*	chain containing at least 48% per mass of chlorine in the SCCP (see legal reference).	. 🔽		
F 1.0	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 μg/cm²/week (see legal reference).		Ш	Ш
D4 7*	Comment: Max limit in legal reference when tested according to EN1811:2011-5.		_	_
P1.7*	REACH Article 33 information about substances in articles is available at (add URL or mail contact): REACH Program Manager (Sustainability@lexmark.com); Corporate Sustainability Department, 740 West New Circle Rd., Lexington, KY 40550		Ш	
P2	Batteries			
P2.1*	If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal			
	symbol. Information on proper disposal is provided in user manual. (See legal reference)			<u> </u>
P2.2*	Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See lega reference)			
P2.3*	Batteries and accumulators are readily removable. (See legal reference)	\boxtimes		
P3	Conformity verification & Eco design (ErP)			
P3.1*	The product is CE-marked to show conformance with applicable legal requirements (see legal reference). The Declaration of Conformity can be requested at (add link or e-mail address): http://www.lexmark.com/en_us/about/regulatory-compliance/european-union-declaration-of-conformity.html			
P3.2*	The product complies with the applicable Eco design Requirements for Energy-Related Products, (see legal reference).			
	Required information is; given in item P15 or added to this document,			
	available at (add URL): https://csr.lexmark.com/product-certifications.php			
P4	Consumable materials			
P4.1*	If a photo conductor (drum, belt etc.) is used in the product, it does not contain cadmium at a level greater than 0,01% (see legal reference and NOTE B1).			
P4.2*	If ink/toner is used in the product, it does not contain cadmium at a level greater than 0,1% by weight (see legal reference)			
P4.3*	If the ink/toner formulation/preparation is classified as hazardous or contains a substance for which there	\square		
	are Community workplace exposure limits, the product/packaging is adequately labeled according to			
	applicable regulations and a Safety Data Sheet (SDS) in accordance with these requirements is available			
P5	(see legal reference). Product packaging			
P5.1*	Packaging and packaging components do not contain more than 0,01% lead, mercury, cadmium and			
1 0.1	hexavalent chromium by weight of these together.		Ш	
P5.2*	The packaging materials are marked with abbreviations and numbers indicating the nature of the material(sused (see legal reference).	s) 🔀		
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montreal			
	Protocol (see legal reference).	_		_
DC	Comment: Legal reference has no maximum concentration values.			
P6 1*	Treatment information			
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).	\boxtimes		

NOTE B1 Restriction applies to the homogeneous material, unless other specified and expressed in weight %. Stating "Yes" means that the product is compliant with the mandatory requirements.

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	t environmental attributes - Market requirements (See General Note GN below) Environmental conscious design	Requ	irem	ent me
tem	*=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No	n.a.
7	Design			
>= 44	Disassembly, recycling			
P7.1 *	Parts that have to be treated separately are easily separable		<u>L</u>	
27.2*	Plastic materials in covers/housing have no surface coating.	\boxtimes		
² 7.3*	Plastic parts > 100 g consist of one material or of easily separable materials.	\boxtimes		
P7.4 *	Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.	\boxtimes		
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.	\boxtimes		
² 7.6*	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 (e.g. plastics, metal, aluminum):			
	Material type: PC+ABS Material type: PC+ABS			
27.12	Insulation materials of external electrical cables are PVC free.		\geq	
27.13	Insulation materials of internal electrical cables are PVC free.		\geq	
P7.14	External plastic casing/cover parts > 25 g contain no more than 0,1% weight (1000 ppm) bromine and 0,1% weight (1000 ppm) chlorine attributable to brominated flame retardants, chlorinated flame retardants, and polyvinyl chloride or 0,3% weight (3000 ppm) bromine and 0,3% weight (3000 ppm) chlorine in parts containing more than 25% post-consumer recycled content.			
P7.15	Printed circuit boards, PCBs (without components) are low halogen: all PCBs > 25 g are low halogen as defined in IEC 61249-2-21. (See NOTE B2)		<u>></u>	
P7.16	Flame retarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4: Marking: FR40			
₽7.17	Alt. 1: Chemical specifications of flame retardants in printed circuit boards > 25 g (without components): TBBPA (additive) , TBBPA (reactive) (See NOTE B3), Other; chemical name: , CAS #: Alt. 2: Chemical specifications of flame retardants in printed circuit boards (without components) > 25 g			
P7.18	according ISO 1043-4: <i>FR16</i> Alt. 1: Flame retarded plastic parts > 25 g contain the following flame retardant substances/preparations in			
0	concentrations above 0,1%: 1. Chemical name: , CAS #: (See NOTE B4) 2. Chemical name: , CAS #: "			
	3. Chemical name: , CAS #: " Alt. 2: Chemical specifications of flame retardants in plastic parts > 25 g according ISO 1043-4: FR16, FR17, FR40, FR30+40			
7.19	In plastic parts > 25 g, flame retardant substances/preparations above 0,1% are used which have been assigned the following Risk phrases; and Hazard statements: The source(s) for these classifications is/are found at (add URL(s)): , (See NOTE B5)			

GENERAL NOTE Standard references should direct to the latest version of a standard. If an older version of a standard is used, section P15 shall be used for explanation.

NOTE B2 IEC 61249-2-21 defines maximum limits of 900 ppm for each of the substances chlorine and bromine and a maximum limit of 1500ppm of these substances combined. The standard does not address fluorine, iodine and astatine which are included in the group of halogens.

NOTE B3 and B4 A Guidance document on Chemical substances is available;

 $see \ \underline{http://www.ecma-internationl.org/publications/standards/Ecma-370.htm}.$

NOTE B5 If a certain substance has been assigned a certain risk phrases / hazard statement in the referenced source, this does not necessarily mean the substance has been tested for all of the hazards referred to by a certain customer.

lodel number *	MX521de, MX521ade, MX522adhe, MB2546ade, MB2546adwe, XM1246	Logo	128
ssue date *	17 April 2018 (revised in 05 August 2020)		Lexmark

Product	environmental att	ributes - Market re	quirements (contin	nued)	F	Require	ment	met
Item			•			Yes	No	n.a.
	Material and subst	ance requirements (continued)					
P7.20*	Postconsumer recyc	cled plastic material co	ontent is used in the pro	oduct (See NOTE B6):				
			s below shall be answer		of cold foods to be a fine			
		parts weight > 25 g, t total plastic by weight)	he postconsumer recyc i is <mark><i>Upto 25</i>%.</mark>	cied piastic material co	intent (calculated as a			
	or b) The weight of r	ecycled material is	g.					
P7.21*	, ,	•	in the product (See NC	DTE B7):			\boxtimes	
	If YES: at least one	of the two alternatives	s below shall be answe	red:				
	a) Of total plastic	parts' weight > 25 g,			ated as a percentage of			
	total plastic by or	weight) is %.						
D7.00*		he biobased plastic m						
P7.22*	•	ee from mercury, i.e. io pecify: Number of lam	ess than 0,1 mg/lamp. ps: and maximu	ım mercury content pe	r lamp: mg			
P8	Batteries							
P8.1*	Battery chemical co	mposition: <i>Lithium M</i>	anganese Dioxide (Lil	MnO2)				
P9	Energy consumpti	on (See NOTE B8)						
P9.1	For the product the	following power levels	or energy consumption	ns are reported:				
Energy mo	ode *	Power level at 100 V AC	Power level at 115 V AC	Power level at 230 V AC	Reference/Standard modes and test metho		nergy	
	e for ENERGY perational Mode	W	W	W				
Standby/of		W	W	W				
	STAR Operational							
TEC value	for ENERGY STAR	0.61 kWh/week	0.61 kWh/week	0.64 kWh/week	Energy Star V3.0			
	icts (TEC= Typical nsumption)							
Printing		594.4 W	577.3 W	577.7 W	Corporate Standard			
Ready Mo	de	13.72 W	13.88 W	13.71 W	Energy Star V3.0			
Сору		614.9 W	580.7 W	589.1 W	Corporate Standard			
ADF Scan	1	19.5 W	19.2 W	19.0 W	Corporate Standard			
Sleep		1.44 W	1.45 W	1.50 W	Energy Star V3.0			
Off		0.09 W	0.09 W	0.09 W	IEC 62301			
			Efficiency Marking Pro	tocol) * :				
Print/Scan	•	46 images per minute	!		ISO 24734			
	e to enter energy sav				Energy Star V3.0			
P9.2*	Information about th	e energy save functio	n is provided with the p	product.				

NOTE B6 Applies to a product containing plastic parts whose combined weight exceeds 100 g with the exception of printed circuit boards, cables, connectors and electronic components and bio-based plastic material.

NOTE B7 The following is to be excluded from the calculation of percentage: printed circuit boards, labels, cables, connectors and electronic components and postconsumer recycled plastic.

NOTE B8 A Guidance document on Energy efficiency is available;

see http://www.ecma-international.org/publications/standards/Ecma-370.htm.

Model number *	MX521de, MX521ade, MB2546ade, MB2546adwe	Logo	
Issue date *	17 April 2018 (revised in 05 August 2020)		Lexmark

Product 6	roduct environmental attributes - Market requirements (continued)					Require	ment	met
Item						Yes	No	n.a.
P10	Emissions							
			according to ISO 9296 (See N					
P10.1	Mode	Mode desc	ription	Statistical upper lim	it A-weighted sound power le	vel,		
	Idle	* Idle / Rea	ndy	* 3.1			-	
	Operation	* Duplex N	Ionochrome Printing	* 7.0				
	Other mode	Simple N	Ionochrome Printing	6.9				
Measured according to: ☐ ISO 7779 ☐ ECMA-74 ☐ Other (only if not covered by ECMA-74)								
	Chemical emiss	ions from p	printing products (See NOTE		,			
P10.2*			ECMA-328 Determination of (tes from Electronic	\square	П	
	Equipment (ISO/IEC 28360), other specify: RAL-UZ 205							
P10.3	Typical emission	rate (operat	ion phase) is (mg/h):					
	Electrophotograp TVOC 5.805	ohic devices:	Ozone <0.26 (LOQ) Dust	1.18 Styrene 0.11	0 Benzene <0.012 (LOQ)			
	Ink devices:		Dust	Styrene Ben	zene TVOC			
	NOTE: compliance with maximum emission rates in eco labels to be declared in P14.							
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).							
P11.2*	Paper containing EN 12281.	post-consu	mer recycled fibers can be use	ed, provided that it me	ets the requirements of	\boxtimes		
P11.3*		printing/copy	ying is an integrated product for	unction.		\boxtimes	П	
P11.4*	The product is de	elivered to e	nd-user with default auto-duple	ex enabled.		$\overline{\boxtimes}$	\Box	\Box
P13	Packaging and	documenta	tion					
P13.1*	Product packagir	ng material t ng material t	ype(s): Corrugated ype(s): Plastic - HDPE ype(s): Expanded Polystyre ype(s): Other	weight (kg): 2.82 weight (kg): 0.15 ene weight (kg weight (kg): 0.03	g): 0.54			
P13.2*			aging is free from PVC.	3 3 (3)		\boxtimes	П	
P13.3*			ed fiberboard packaging, spec ntent: Recycled content >2		entage of minimum post-			
P13.4*	Specify media fo	r user and p	roduct documentation (tick bo	x):				
P13.5	(Please only com	nplete this ite	em if paper documentation use tion on paper media is chlorin					
	Totally chlorine-fit Elemental chlorin Processed chlori	ne-free						
P14	Voluntary progr							
P14.1	The product mee	ets the requir	ements of the following volunt	tary program(s):		·		
	ENERGY STAR® Eco-label: <i>Blue</i>		Criteria version: 3.0 Criteria version: RAL UZ-20		Product category: Imaging Product category: Office Ec Printing Function			
	Egg Johal:		Critoria varaion:	Data:	Droduct cotogony			

NOTE B9 A Guidance document on Acoustic Noise is available;

 $see \ \underline{http://www.ecma-international.org/publications/standards/Ecma-370.htm}.$

NOTE B10 A Guidance document on Chemical Emissions is available;

see http://www.ecma-international.org/publications/standards/Ecma-370.htm.

Model number *	MX521de, MX521ade, MB2546ade, MB2546adwe	Logo	100
Issue date *	17 April 2018 (revised in 05 August 2020)		Lexmark

Produc	t environmental attributes - Market requirements (concluded) Requirement me
P15	Additional information (See NOTE B11)
P2.1	The battery contained within this product should be disposed of properly with the product. The product is properly labeled with the WEEE disposal symbol and instructions for such disposal is listed in the product User's Guide
P2.3	The battery contained within this product meets the exception listed. The battery is not intended to be removed by the customer; however, is designed for easy removal by recyclers and service providers
P5.2	The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) used when they are >25g
P7.14	A small amount of bromine may be present in covers due to sourcing post-consumer recycled content. No bromine was intentionally added in the processing of these parts.
P7.20	Per IEEE 1680.2 PCR calculation

NOTE B11 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.

Legal references Europe Annex B1

Reference	Declaration item
Directive 2011/65/EU (RoHS Directive) * * Specific exemptions apply for certain products and applications.	P1.1, P3.1, P4.1
Commission Regulation (EC) 1907/2006 (REACH Regulation), annex XVII	P1.2, P1.4, P1.6, P1.7, P4.2
Commission Regulation (EC) 1907/2006 (REACH Regulation), annex VII	P1.10
Commission Regulation (EC) 1907/2006 (REACH Regulation), Article 31, annex II)	P4.3
Commission Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000, (Marketing and use of Ozone layer depleting substances)	P1.3, P5.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
Directive 2006/66/EC (Battery and accumulators Directive), as amended.* * These provisions shall not apply where, for safety, performance, medical or data integrity reasons, continuity of power supply is necessary and requires a permanent connection between the appliance and the battery or accumulator.	P2.1, P2.2, P2.3, P8.1
Directive 2014/35/EU (Low Voltage Directive)	P3.1
Directive 2014/30/EU (EMC Directive)	P3.1
Directive 2014/53/EU (RE Directive)	P3.1
Commission Regulation (EC) No 1275/2008 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for standby and off mode electric power consumption of electrical and electronic household and office equipment (Standby Regulation)	P3.1, P3.2, P9.1
Commission Regulation (EC) 801/2013 amending Regulation (EC) No 1275/2008 with regard to ecodesign requirements for standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation (EC) No 642/2009 with regard to ecodesign requirements for televisions	
Commission Regulation (EC) No 278/2009 of 6 April 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for no-load condition electric power demand and average active efficiency of external power supplies	P3.1, P3.2, P9.1
Commission Regulation (EC) 1272/2008 (CLP Regulation)	P4.3, P7.19
Directive 2004/12/EC (Packaging Directive)	P5.1
Decision 97/129/EC (Secondary packaging legislation)	P5.2
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Directive 2012/19/EU (WEEE directive)	P6.1
Implementing Regulation (EU) 2019/290 establishing the format for registration and reporting of producers of electrical and electronic equipment to the register.	
Commission Implementing Regulation 2017/699 establishing a common methodology for the calculation of the weight of electrical and electronic equipment (EEE) placed on the national market in each Member State and a common methodology for the calculation of the quantity of waste electrical and electronic equipment (WEEE) generated by weight in each Member State.	