

WEEE and Battery Directive Information



This sheet provides information on the presence of specific materials and components, as required to facilitate end-of-life treatment in compliance with the waste equipment (WEEE) and Battery Directive. The information covers conventional imaging equipment and 3D metal printers.

The I4R platform (<https://i4r-platform.eu/>) provides treatment and recycling facilities and preparation for re-use operators with access to WEEE recycling information in line with the requirements of Directive 2012/19/EU.

Producer	Xerox Corporation
Scope of Information Sheet	Imaging Equipment such as printers, copiers, multi-function devices and all accessories.

Component or Material	Remarks/Location
Polychlorinated biphenyls (PCB) containing capacitors in accordance with Council Directive 96/59/EC of 16 September 1996 on the disposal of polychlorinated biphenyls and polychlorinated terphenyls (PCB/PCT)	None
Mercury containing components, such as switches or backlighting lamps	None
Batteries	Internal batteries used in non-volatile memory to store machine defaults and set up parameters in Printed Circuit Boards / machine controllers (1)
Printed circuit boards of mobile phones generally, and of other devices if the surface of the printed circuit board is greater than 10 square centimetres	PCB's used in printer, copiers, and multifunction units
Toner cartridges, liquid and paste, as well as colour toner	Toner cartridges / containers
Plastic containing brominated flame retardants	Plastics near heat sources, e.g., Fuser Units may contain BFR's
Asbestos waste and components which contain asbestos	None
Cathode ray tubes	None
Gas discharge lamps	None
Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC), hydrofluorocarbons (HFC) or hydrocarbons (HC)	None
Liquid crystal displays (together with their casing where appropriate) of a surface greater than 100 square centimetres and all those back-lighted with gas discharge lamps	Screens

WEEE and Battery Directive Information (continued)

Component or Material	Remarks/Location
External electric cables	Power cables
Components containing refractory ceramic fibres as described in Commission Directive 97/69/EC of 5 December 1997 adapting to technical progress for the 23rd time Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging, and labelling of dangerous substances	None
Components containing radioactive substances with the exception of components that are below the exemption thresholds set in Article 3 of and Annex I to Council Directive 96/29/Euratom of 13 May 1996 laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionizing radiation	None
Electrolyte capacitors containing substances of concern (height > 25 mm, diameter > 25 mm or proportionately similar volume)	None

WEEE and Battery Directive Information (continued)

Producer	Xerox Corporation
Scope of Information Sheet	3D Metal Printer using Xerox's Liquid Metal Jet technology

Component or Material	Remarks/Location
Polychlorinated biphenyls (PCB) containing capacitors in accordance with Council Directive 96/59/EC of 16 September 1996 on the disposal of polychlorinated biphenyls and polychlorinated terphenyls (PCB/PCT)	None
Mercury containing components, such as switches or backlighting lamps	None
Batteries	<ul style="list-style-type: none"> • Internal batteries used in non-volatile memory to store machine defaults and set up parameters in Printed Circuit Boards / machine controllers (1) • (1) Lithium battery on Siemens control board p/n NCU710.3B PN. 6FC5371-0AA30-0AB0. Battery P/N 6FC5247-0AA18-0AA0 (Siemens). 3V Lithium. 950mAh. Weight - 18g, Size – 15mm dia. x 26.4mm height • (1) Lithium battery on Siemens IPC. Battery P/N A5E34345932 (Siemens). BR-2450A/SCN 3V Lithium Button Cell. 500mAh. Weight -8g, Size – 25mm dia. x 5mm height
Printed circuit boards of mobile phones generally, and of other devices if the surface of the printed circuit board is greater than 10 square centimetres.	<p>PCB's are used in the following area of the ElemX 3D Pinter</p> <ul style="list-style-type: none"> • Siemens SINUMERIK NC and SINAMICS Motor Contollers • Human Machine Interface 24" Multitouch Screen w/integrated PC • Coil Driver Assembly • Print Head Melt Pool Laser Level Sensor • Print Head Melt Pol Borescope Camera • Z-Height Laser Scan Sensors and network switch • Siemens X, Y, Z, W Motors
Toner cartridges, liquid and paste, as well as colour toner	None
Plastic containing brominated flame retardants	None

WEEE and Battery Directive Information (continued)

Component or Material	Remarks/Location
Asbestos waste and components which contain asbestos	None
Cathode ray tubes	None
Gas discharge lamps	None
Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC), hydrofluorocarbons (HFC) or hydrocarbons (HC)	None
Liquid crystal displays (together with their casing where appropriate) of a surface greater than 100 square centimetres and all those back-lighted with gas discharge lamps	Qty. 1, Siemens 6AV7241-5SB07-0FA0 SIMATIC IPC 477E; 24" Multitouch Screen https://mall.industry.siemens.com/mall/en/si/Catalog/Product/6AV7241-5SB07-0FA0
External electric cables	None
Components containing refractory ceramic fibres as described in Commission Directive 97/69/EC of 5 December 1997 adapting to technical progress for the 23rd time Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging, and labelling of dangerous substances	None
Components containing radioactive substances with the exception of components that are below the exemption thresholds set in Article 3 of and Annex I to Council Directive 96/29/Euratom of 13 May 1996 laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionizing radiation	None
Electrolyte capacitors containing substances of concern (height > 25 mm, diameter > 25 mm or proportionately similar volume)	Qty. 6, Nichicon #LQR2V822MSEG, Aluminum Electrolytic Capacitors - Screw Terminal, 350volts, 8200uF, 85c, 63.5x190 https://www.mouser.com/ProductDetail/Nichicon/LQR2V822MSEG/?qs=kArNe9LFxXnj4YnGI%252Bf1TA%3D%3D

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For product-specific Safety Data Sheets: http://www.xerox.com/environment_europe