

**EPEAT 4722 Public Disclosure of Supply Chain Toxics 2016**

The information below shows supply chain toxics reflecting the whole enterprise or the individual manufacturing sites relevant to Display, Lamp, and Semiconductor.

**Sampling Product: Xerox® WorkCentre® 6515 Multifunction Color Printer**

The calculation and protocols used were the Japanese Pollutant Release and Transfer Register (PRTR).  
More details can be found on : <http://www.env.go.jp/en/chemi/prtr/about/index.html>

**Display**

**Supplier 1**

PRTR Chemical	CAS No.	Name	Handled	Releases			Transfer			Consumption		Removal
				Air	Water	Offsite	Sewage	Waste	Product	Recycled		
											(t/year)	
141-43-5	2-aminoethanol	3883934.00	503.00	174.00	0.00	0.00	119905.00	0.00	3101393.00	661969.00	0.00	
-	antimony and its compounds	12451.00	0.00	0.00	0.00	0.00	3362.00	374.00	8715.00	0.00	0.00	
7705-08-0	ferric chloride	103941.00	0.00	0.00	0.00	0.00	0.00	0.00	76222.00	27719.00	0.00	
68-12-2	N,N-dimethylformamide	5934.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5934.00	0.00	
-	copper salts (water-soluble, except complex salts)	5255.00	0.00	0.00	0.00	0.00	5013.00	0.00	0.00	242.00	0.00	
-	arsenic and its inorganic compounds	583.00	0.00	0.00	0.00	0.00	558.00	15.00	10.00	0.00	0.00	
120-80-9	pyrocatechol	1214.00	0.00	0.00	0.00	0.00	1214.00	0.00	0.00	0.00	0.00	
98-54-4	4-tert-butylphenol	1081.00	19.00	0.00	0.00	0.00	1062.00	0.00	0.00	0.00	0.00	
-	hydrogen fluoride and its water-soluble salts	498873.00	306.00	0.00	0.00	0.00	317445.00	0.00	113037.00	68085.00	0.00	
552-30-7	1,2,4-benzenetricarboxylic 1,2-anhydride	668.00	0.00	0.00	0.00	0.00	35.00	633.00	0.00	0.00	0.00	
-	boron compounds	1521.00	101.00	0.00	0.00	0.00	927.00	493.00	0.00	0.00	0.00	
-	poly(oxyethylene)alkyl ether (alkyl C=12-15)	900.00	0.00	27.00	0.00	0.00	0.00	0.00	0.00	873.00	0.00	
-	manganese and its compounds	23677.00	0.00	0.00	0.00	0.00	0.00	23565.00	112.00	0.00	0.00	
1321-94-4	methylnaphthalene	1130.00	56.00	0.00	0.00	0.00	0.00	1993.00	0.00	9081.00	0.00	
101-68-8	methylenebis(4,1-phenylene) diisocyanate	448321.00	0.00	0.00	0.00	0.00	0.00	448321.00	0.00	0.00	0.00	
-	molybdenum and its compounds	11652.00	0.00	0.00	0.00	0.00	2381.00	350.00	8921.00	0.00	0.00	

**Lamp**

**Supplier 2**

PRTR Chemical	CAS No.	Name	Handled	Releases			Transfer			Consumption		Removal
				Air	Water	Offsite	Sewage	Waste	Product	Recycled		
											(t/year)	
141-43-5	2-aminoethanol	28.70	2.60	0.00	0.00	0.00	19.20	0.00	0.00	7.00	0.00	
-	antimony and its compounds	63.90	0.00	0.00	0.00	0.00	1.00	5.00	58.00	0.00	0.00	
100-41-4	ethylbenzene	8.90	4.00	0.00	0.00	0.00	0.00	0.00	4.90	0.00	0.00	
110-80-5	ethylene glycol monoethyl ether	6.30	0.40	0.00	0.00	0.00	1.90	0.00	3.90	0.00	0.00	
7705-08-0	ferric chloride	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1330-20-7	xylene	21.60	2.50	0.00	0.00	0.00	0.00	0.00	19.10	0.00	0.00	
-	silver and its water-soluble compounds	36.50	0.00	0.10	0.00	0.00	0.10	12.30	23.90	0.00	0.00	
-	Inorganic cyanide compounds (excluding complex salts and cyanate)	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	
34090-76-1	Hexahydro-4-Methylphthalic Anhydride	1.90	0.00	0.00	0.00	0.00	0.00	1.90	0.00	0.00	0.00	
112-24-3	triethylenetetramine	2.20	0.40	0.00	0.00	0.00	1.80	0.00	0.00	0.00	0.00	
2451-62-9	1,3,5-tris(2,3-epoxypropyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione	13.20	0.00	0.00	0.00	0.00	10.50	2.70	0.00	0.00	0.00	
108-67-8	1,3,5-trimethylbenzene	10.10	0.90	0.00	0.00	0.00	9.20	0.00	0.00	0.00	0.00	
91-20-3	naphthalene	10.50	1.00	0.00	0.00	0.00	0.00	0.00	9.50	0.00	0.00	
7439-92-1	lead	3.10	0.00	0.00	0.00	0.00	0.00	2.90	0.20	0.00	0.00	
-	lead compounds	13.30	0.00	0.00	0.00	0.00	2.90	3.20	7.20	0.00	0.00	
7440-02-0	nickel	29.70	0.00	0.00	0.00	0.00	0.00	29.00	0.70	0.00	0.00	
-	nickel compounds	8.50	0.00	0.00	0.00	0.00	0.00	6.80	1.70	0.00	0.00	
7440-38-2(As)	Arsenic and its inorganic compounds	1.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	0.00	
110-85-0	piperazine	1.90	0.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
120-80-9	pyrocatechol	2.20	0.00	0.00	0.00	0.00	1.10	0.00	1.10	0.00	0.00	
-	hydrogen fluoride and its water-soluble salts	214.90	2.70	0.00	0.00	0.00	11.90	0.00	201.10	0.00	0.00	
110-54-3	n-hexane	3.20	0.00	0.00	0.00	0.00	0.00	3.20	0.00	0.00	0.00	
1321-94-4	methylnaphthalene	38.60	0.20	0.00	0.00	0.00	0.00	0.00	38.40	0.00	0.00	

**Supplier 3**

PRTR Chemical	CAS No.	Name	Handled	Releases			Transfer			Consumption		Removal
				Air	Water	Offsite	Sewage	Waste	Product	Recycled		
											(kg/year)	
less than 1t in total												

**Semiconductor**

**Supplier 2**

PRTR Chemical	CAS No.	Name	Handled	Releases			Transfer			Consumption		Removal
				Air	Water	Land	Sewage	Waste	Product	Recycled		
											(t/year)	
141-43-5	2-aminoethanol	28.70	2.60	0.00	0.00	0.00	19.20	0.00	0.00	7.00	0.00	
-	antimony and its compounds	63.90	0.00	0.00	0.00	0.00	1.00	5.00	58.00	0.00	0.00	
100-41-4	ethylbenzene	8.90	4.00	0.00	0.00	0.00	0.00	0.00	4.90	0.00	0.00	
110-80-5	ethylene glycol monoethyl ether	6.30	0.40	0.00	0.00	0.00	1.90	0.00	3.90	0.00	0.00	
7705-08-0	ferric chloride	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1330-20-7	xylene	21.60	2.50	0.00	0.00	0.00	0.00	0.00	19.10	0.00	0.00	
-	silver and its water-soluble compounds	36.50	0.00	0.10	0.00	0.00	0.10	12.30	23.90	0.00	0.00	
-	Inorganic cyanide compounds (excluding complex salts and cyanate)	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	
34090-76-1	Hexahydro-4-Methylphthalic Anhydride	1.90	0.00	0.00	0.00	0.00	0.00	1.90	0.00	0.00	0.00	
112-24-3	triethylenetetramine	2.20	0.40	0.00	0.00	0.00	1.80	0.00	0.00	0.00	0.00	
2451-62-9	1,3,5-tris(2,3-epoxypropyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione	13.20	0.00	0.00	0.00	0.00	10.50	2.70	0.00	0.00	0.00	
108-67-8	1,3,5-trimethylbenzene	10.10	0.90	0.00	0.00	0.00	9.20	0.00	0.00	0.00	0.00	
91-20-3	naphthalene	10.50	1.00	0.00	0.00	0.00	0.00	0.00	9.50	0.00	0.00	
7439-92-1	lead	3.10	0.00	0.00	0.00	0.00	0.00	2.90	0.20	0.00	0.00	
-	lead compounds	13.30	0.00	0.00	0.00	0.00	2.90	3.20	7.20	0.00	0.00	
7440-02-0	nickel	29.70	0.00	0.00	0.00	0.00	0.00	29.00	0.70	0.00	0.00	
-	nickel compounds	8.50	0.00	0.00	0.00	0.00	0.00	6.80	1.70	0.00	0.00	
7440-38-2(As)	Arsenic and its inorganic compounds	1.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	0.00	
110-85-0	piperazine	1.90	0.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
120-80-9	pyrocatechol	2.20	0.00	0.00	0.00	0.00	1.10	0.00	1.10	0.00	0.00	
-	hydrogen fluoride and its water-soluble salts	214.90	2.70	0.00	0.00	0.00	11.90	0.00	201.10	0.00	0.00	
110-54-3	n-hexane	3.20	0.00	0.00	0.00	0.00	0.00	3.20	0.00	0.00	0.00	
1321-94-4	methylnaphthalene	38.60	0.20	0.00	0.00	0.00	0.00	0.00	38.40	0.00	0.00	

**Supplier 4**

PRTR Chemical	CAS No.	Name	Handled	Releases			Transfer			Consumption		Removal
				Air	Water	Land	Sewage	Waste	Product	Recycled		
											(t/year)	
1330-20-7	Xylene	0.10	0.01	0.00	0.00	0.00	0.00	0.01	0.04	0.00	0.00	
7440-22-4	Silver	19.40	0.00	0.00	0.00	0.02	0.03	18.71	0.34	0.00	0.33	
151-50-8	Potassium cyanide	5.10	0.05	0.00	0.00	0.00	0.00	0.00	4.47	0.55	0.00	
127-19-5	N,N-dimethylacetamide	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	
1968/12/2	N,N-dimethylformamide	1.10	0.00	0.18	0.00	0.00	0.00	0.00	0.97	0.00	0.00	
91-20-3	Naphthalene	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	
7440-02-0	nickel	3.80	0.00	0.00	0.00	0.01	0.08	2.98	0.22	0.47	0.00	
10101-97-0	Nickel sulfate hexahydrate	0.50	0.00	0.00	0.00	0.00	0.01	0.42	0.03	0.07	0.00	
13710-89-3	Nickel sulfamate	1.00	0.00	0.00	0.00	0.00	0.02	0.76	0.06	0.12	0.00	
7791-20-0	Nickel chloride hexahydrate	0.10	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.01	0.00	
7784-42-1	Hydrogen arsenide	0.40	0.00	0.00	0.00	0.00	0.00	0.03	0.38	0.00	0.00	
108-95-2	Phenol	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.00	
98-54-4	4-tert-Butylphenol	0.90	0.09	0.00	0.00	0.00	0.00	0.00	0.81	0.00	0.00	
12125-01-8	Ammonium fluoride	3.30	0.02	0.31	0.00	0.00	0.00	0.00	2.98	0.00	0.00	
1341-49-7	Ammonium hydrogen fluoride	2.50	0.01	0.23	0.00	0.00	0.00	0.00	2.22	0.00	0.00	
7664-39-3	Hydrogen fluoride	8.80	0.01	0.87	0.00	0.00	0.00					