

Addressing Environmental Preservation through Our Business Activities

The Pollutant Release and Transfer Register (PRTR)

Utilizing databases

Murata has compiled a database that contains information on the chemical substances handled within our domestic plants. We employ a system that enables us to obtain and manage the application situations of individual chemical substances quickly and easily.

In compliance with the Pollutant Release and Transfer Registry law, we use this system to calculate the amounts of chemicals released and transferred.

The law stipulates 354 substance groups subject to reporting. Domestically, between April 1, 2001, and March 31, 2002, the Murata group handled more than five metric tons of 14 substance groups, including toluene, xylene, and lead and its compounds. Detailed quantities are provided in the table below.

Reduction of Release

Murata has long taken steps to reduce environmental emissions, such as introducing facilities for removing hazardous substances; modifying production process; improving operations; and promoting conversion to substitute substances. In the future, will make practical use of PRTR data and, for chemical substances released in large amounts, we will assign target values and implement additional reductions.

Domestic total amounts of pollutants released and transferred subject to the PRTR law

(metric tons/year)

Gov't-issued No.	Substance	Released				Transferred		
		Atmospheric release	Released to public bodies of water	To soil	Landfilled	Released to sewerage	Transferred to waste	Transferred to recycling
30	Bisphenol A liquid epoxy resin	0.8	0	0	0	0	2.1	0
63	Xylene	0.7	0	0	0	0	15.5	0.1
64	Silver and its water-soluble compounds	0	0	0	0	0	0.5	7.3
202	Tetrahydroxymethyl anhydrous phthalic acid	0	0	0	0	0	0.1	0
227	Toluene	20.5	0	0	0	0	220.0	385.9
230	Lead and its compounds	0.5	0	0	0	0	19.4	124.4
231	Nickel	0	0	0	0	0	12.2	0.2
232	Nickel compounds	0	0	0	0	0	12.6	2.6
243	Barium and its water-soluble compounds	0.2	0	0	0	0	294.4	63.6
253	Hydrazine	0	0	0	0	0	3.2	0
270	Di-n-butyl phthalate	0	0	0	0	0	1.3	0
272	Bis-2-ethylhexyl phthalate	0	0	0	0	0	9.9	0
310	Formaldehyde	0.6	0	0	0	0	0	0
311	Manganese and its compounds	0	0	0	0	0	1.4	0.1

The above data covers the period from April 1, 2001 to March 31, 2002.

The PRTR law stipulates reporting of the above-stated substances when more than five metric tons are handled per year.

Amounts of less than 100 kilograms are rounded up.