

# 4. RoHS Directive

All of our products are compliant with the RoHS Directive (10 substances).

Please contact our sales department for details such as from when products were compliant with RoHS directive.

Contact information <https://www.kuramo.co.jp/contact/>



## ■ EU RoHS Directive

The RoHS Directive is an EU directive intended to minimize environmental damage and health hazards by restricting the use of certain hazardous chemical substances contained in electrical and electronic equipment. 4 new substances (No.7 to 10 of below table) were added at the 2015 revision (2011/65/EU + (EU) 2015/863) to 6 substances (No.1 to 6 of below table) which has been defined at original directive (2002/95/EC), a total of 10 substances were designated as hazardous chemical substances. The content of these 10 substances must be below the thresholds listed in the table below. Concerning with electric wires and cables, applying restriction of 10 substances including 4 additional substances started from July 22, 2019. Electrical and electronic equipment containing these 10 substances exceeding the threshold cannot be distributed within the area of EU.

## ■ China RoHS Directive

The China RoHS is a directive that restricts the use of specified hazardous chemical substances in electrical and electronic equipment in China. The China RoHS was enforced on March 1, 2007 for products produced, sold or imported in China, and amended on July 1, 2016. The target substances are the same 6 substances as EU RoHS (Tables 1 to 6 below), but the inclusion in products is not restricted. It requires the display of content and the transmission of information. On May 16, 2019, the conformity assessment system implementation plan was announced, to use hazardous substances in electrical and electronic products, which is the second stage of the revised China RoHS management regulations. It has been enforced since November 1, 2019, and the products listed in the inventory are target.

No.	Restricted substances	Threshold※
1	Lead (Pb)	1000ppm (0.1%)
2	Mercury (Hg)	1000ppm (0.1%)
3	Cadmium (Cd)	100ppm (0.01%)
4	Hexavalent chromium (Cr(VI))	1000ppm (0.1%)
5	Polybrominated biphenyls (PBBs)	1000ppm (0.1%)
6	Polybrominated diphenyl ethers (PBDEs)	1000ppm (0.1%)
7	Bis(2-ethylhexyl) phthalate (DEHP)	1000ppm (0.1%)
8	Dibutyl phthalate (DBP)	1000ppm (0.1%)
9	Butyl benzyl phthalate (BBP)	1000ppm (0.1%)
10	Diisobutyl phthalate (DIBP)	1000ppm (0.1%)

※The threshold is not for the entire product, but for each part (homogeneous material) of the product.