



## Product Material Declaration Datasheet

Issue Date: 2 February 2018

Products: Matchbox Antennas  
(Impinj part number IPJ-A0404-XXX)

Summary: Matchbox Antennas, supplied by Impinj, Inc, are RoHS compliant. Since all part components within the antenna have been purchased and processed to the RoHS standard, the entire assembly meets the Directive 2002/95/EC (RoHS), 2011/65/EU (RoHS2), and 2015/863 (RoHS 3).

Detail: Table 1 identifies the environmentally banned substances related to the Directive 2002/95/EC (RoHS), 2011/65/EU (RoHS2), and 2015/863 (RoHS 3). Impinj products do not intentionally contain these substances beyond trace element amounts, with the exception of the lead compound identified below and allowed by Annex III Exemption.

**TABLE 1**

Substances / Compounds	Weight (mg)	PPM	Analysis
Cadmium and Cadmium Compounds	0	<100	SGS Test Report
Hexavalent Chromium and Compounds	0	<1000	SGS Test Report
Mercury and Mercury Compounds	0	<1000	SGS Test Report
Polybrominated Biphenyls (PBB)	0	<1000	SGS Test Report
Polybrominated Diphenylethers (PBDE)	0	<1000	SGS Test Report
Bis(2-ethylhexyl) phthalate (DEHP)	0	<1000	MSDS/Supplier
Butyl benzyl phthalate (BBP)	0	<1000	MSDS/Supplier
Dibutyl phthalate (DBP)	0	<1000	MSDS/Supplier
Diisobutyl phthalate (DIBP)	0	<1000	MSDS/Supplier
Lead and Lead Compounds	3760**	<4000	SGS Test Report

\*\* RoHS Annex III Exemption 6(c) Copper Alloy containing up to 4% lead by weight

Conclusion: Impinj will continue to follow all legal requirements regarding environmental legislation. Impinj will also support customers "green" programs as a leader in RFID products.

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