

# COBALT, ANTIMONY COMPOUNDS, AND WEAPONS-GRADE TUNGSTEN ALLOY

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OF CARCINOGENIC HAZARDS  
TO HUMANS

# ANNEX 1. SUPPLEMENTARY MATERIAL FOR SECTION 1, EXPOSURE CHARACTERIZATION

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These supplementary web-only tables are available from: <https://www.publications.iarc.fr/618>.

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## Cobalt metal (without tungsten carbide) and some cobalt compounds

Table S1.3	Global production of cobalt from mining, by country
Table S1.4	Global production of cobalt in refineries, by country
Table S1.10	Distribution of air concentrations of cobalt in industrial sectors, 1996–2016, Italy
Table S1.11	Distribution of air concentrations of cobalt by occupational group in industrial sectors, 1996–2016, Italy
Table S1.15	Occupational exposure limits of cobalt and its compounds in different countries
Table S1.16	Environmental regulations and guidelines for cobalt
Table S1.17	Biomonitoring guidance and reference values for cobalt

*The following tables were produced in draft form by the Working Group and were subsequently fact-checked but not edited:*

Table S1.18	Exposure assessment review and critique for epidemiological studies on cancer and exposure to cobalt metal (without tungsten carbide) and some cobalt compounds
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Table S1.19	Exposure assessment review and critique for mechanistic studies in humans exposed to cobalt metal (without tungsten carbide) and some cobalt compounds
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## **Trivalent and pentavalent antimony**

*The following tables were produced in draft form by the Working Group and were subsequently fact-checked but not edited.*

Table S1.16	Exposure assessment review and critique for epidemiological studies on cancer and exposure to trivalent and pentavalent antimony
Table S1.17	Exposure assessment review and critique for mechanistic studies in humans exposed to trivalent and pentavalent antimony

## **Weapons-grade tungsten (with cobalt and nickel) alloy**

*This table was produced in draft form by the Working Group and was subsequently fact-checked but not edited.*

Table S1.4	Exposure assessment review and critique for mechanistic studies in humans exposed to weapons-grade tungsten (with cobalt and nickel) alloy
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