



**European Union Directive Related to Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) Regulation (EC) No. 1907/2006**

**May 2023**

REACH is primarily concerned with import to the EU of listed “substances” in amounts greater than one “tonne.” Compaero does not sell “substances.”

REACH also addresses “articles” to be imported into the EU. If such articles contain substances “intended to be released” in amounts greater than one “tonne” per year, that substance would need to be registered. This situation does not apply to Compaero products.

The lists of Substances of Very High Concern published on October 28, 2008, January 13, 2010, March 30, 2010, June 18, 2010, December 15, 2010, June 20, 2011, December 19, 2011, June 18, 2012, December 19, 2012, June 20, 2013, December 16, 2013, June 16, 2014, December 17, 2014, June 15, 2015, December 17, 2015, June 20, 2016, January 12, 2017, July 7, 2017, January 15, 2018, June 27, 2018, January 15, 2019, July 16, 2019, January 16, 2020, June 25, 2020, January 19, 2021 July 8, 2021, January 17, 2022, and January 17, 2023 do not include any substances intentionally added or known to be contained at reportable levels in Compaero products, with the exception of the substances indicated below.

A number of products Compaero sells can be specified with cadmium plating that contains more than 0.1% by weight cadmium. Affected plating codes include:

Code	Finish
AB	Cadmium, Black
AC	Cadmium, Olive Drab
AD	Cadmium, No Chromate
CN	Cadmium, No Chromate
E	Cadmium, Olive Drab
H	Cadmium, Clear
HY	Cadmium, Yellow
JF	Cadmium, Gold

Code	Finish
J	Cadmium, Gold
KB	Cadmium, Black
KW	Cadmium, Olive Drab
MD	Cadmium, Olive Drab
U	Cadmium, Black
W	Cadmium, Olive Drab
WF	Cadmium, Olive Drab - Selective Plating

**Compaero, Inc.**

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### **Customer Safe Use Information:**

The use of cadmium as a plating finish has been much reduced over the years, but it still has an important role in safety critical applications.

As a plated surface on a component, cadmium does not represent a health risk as cadmium is not easily absorbed through the skin. Handling cadmium plated items poses no risk to the user.

The main health risk is cadmium dust or vapor which can be generated by such actions as machining or welding cadmium plated items. Inhalation, followed by ingestion, are the main routes of entry of cadmium. If corroded, cadmium forms a white crystalline cadmium salt deposit on the surface of the plating, and this can represent a health risk if not handled properly. The deposit may enter the body through inhalation if it becomes airborne (e.g., when packaging around the part is opened) or ingestion (if a person eats or smokes without washing their hands after touching the deposit).

Cadmium dust, and the compounds formed when it corrodes are toxic by ingestion, toxic if inhaled, may cause cancer, and are suspected of being able to cause genetic defects, damage fertility and be harmful to the unborn child.

### **Handling Instructions:**

No precautions are required for handling cadmium plated items in the as-supplied condition.

It is recommended that cadmium plated articles should not be heated (e.g., welded) or machined by the end user.

If it is necessary to handle products with corroded cadmium plating, suitable gloves and respiratory protection should be worn and care taken to minimize the corrosion products becoming airborne.

### **Disposal Instructions:**

The article should be disposed of in accordance with all applicable governmental regulations relevant to the geographical location.

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