

# GREEN ECO

by Javier Mariscal

## Sustainability (1/2)

**m114**

**Mobles 114**

Pau Claris 99 / esc 2 1r 2a

08009 Barcelona

Tel. 34 / 932 600 114

[mobles114@mobles114.com](mailto:mobles114@mobles114.com)

[www.mobles114.com](http://www.mobles114.com)



### AIM

This document provides information deemed relevant from the point of view of the environment, human health and toxicity. The aim of this self-declaration is merely to provide information and justification that this product is environmentally preferable over other similar products on the market.

### ENVIRONMENTAL VALUES

Product designed to minimise environmental impact throughout its life cycle.

Version with wooden feet and metal frame or version with steel tubing finished via cataphoresis and with a fusion bonded epoxy coating. The seat is made from injection moulded polypropylene resulting from industrial recycling.

1. Each element is easier to recycle as the product can be disassembled.
2. Both the steel, wood and plastic can be 100% recovered via recycling.
3. Use of solid FSC certified oak (chain of custody forestry management). Seat and feet glued.
4. Use of water-based varnish (no solvents)
5. The painting process uses heat, therefore no catalyst or solvent is used.
6. The paint used is Polyester Epoxy Interpon 610, complying with standard ISO 9001: 2000 / ISO 14001: 2004. The preparation has been evaluated as per the conventional calculation method of the EC Directive for dangerous preparations 1999-1945, and is not classified as dangerous for the environment (Directive 67/548/EEC on Dangerous Substances).
7. There are no Volatile Organic Compounds.
8. Polypropylene resins are very low in toxicity and, under normal conditions and use, do not result in

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any unusual problems when ingested.

9. The elements are joined together using blued iron screws.
10. The Green chair does not contain any adhesive, solvent-based finish, formaldehyde or halogenated foam, etc. which may be deemed a dangerous substance or preparation.
11. Complies with REACH - Regulation (EC) No. 1907/2006 of the European Parliament and of the Council, of 18 December 2006, due to the following: Mobles 114 declares that it maintains a correct channel of communication with its suppliers and that GREEN products do not contain raw materials that need to be registered; They do not contain any substances on the SVHC list (Substances of Very High Concern) published by ECHA (European Chemical Agency) in the quantities specified (the annual production of GREEN products does not produce more than 1 tonne of these substances deemed of very high concern). The screws have been electroplated with zinc, contain chromium VI, fixated and therefore stabilised or chemically inert. Restrictions regarding the production, sale and use of this substance only apply in the case of direct and prolonged contact with the user's skin.