

# TAIGA

by Anotni Arola

Sustainability (1/2)

**m114**

**Mobles 114**

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## OBJECTIVE

This document provides relevant information from an environmental, health and human toxicity point of view. The objective of this self-report is to provide arguments stating that this product is environmentally preferable to other similar products of the market.

## ENVIRONMENTAL VALUES

This product is made up of an aluminium tube, a steel tube, a steel plate base, and hangers made of High Impact Polystyrene (HIPS), Styron 485.

Optional umbrella stand made of steel bar and concave piece made of ABS.

1. This product can be completely disassembled, enabling an easy handling during transportation thanks to its reduced volume.
2. Being a detachable product facilitates the recycling of each element.
3. Both stainless steel and aluminium are 100% recoverable through recycling.
4. Heat is applied to paint the product, therefore no catalyst or solvent is used.
5. The paint used is made of polyester epoxy powder Interpon 610, according to ISO 9001: 2000 / ISO 14001: 2004 regulations. This preparation has been assessed by the conventional method of the Dangerous Preparations Directive 1999/45 / EC, and is not classified as dangerous for the environment (Directive 67/548 / EEC of Hazardous Substances).
6. It does not contain any volatile organic compounds.
7. Styron polystyrene resins have very low degree of toxicity, and under normal conditions or use do not present unusual problems of ingestion.

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8. TAIGA products comply with the REACH Regulation (EC) No 1907/2006 of the European Parliament and the Council (18th December 2006) because: Mobles114 declares that they keep the correct way of communication with their suppliers, and TAIGA products do not contain raw materials requiring registration; they do not contain any of the substances included in the "SVHC" list (Substances of Very High Concern) published by ECHA (European Chemicals Agency) in the quantities specified (the manufacture of annual TAIGA products does not exceed the amount of 1 tonne of these substances considered as very high concern).  
For all these reasons, TAIGA products are considered to meet the REACH Regulation requirements
9. The supplier of the aluminium tube raw material is certified with ISO 14001. The tube manufacturer is certified with ISO TS 16949 and OHSAS18001.
10. The company dealing with the hangers' injection is registered in the medical record of industries and food products in Catalonia.