

PEY central base

by JM Massana - JM Tremoleda & E Juanola

Sustainability (1/2)

m114

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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

Surface of the table is made of HPL. Base and chapter made of steel plate SR235JR, and central tube made of steel.

All metal components are finished with epoxy powder coating. Galvanized steel screws are also other pieces of this product.

1. This product can be completely disassembled, enabling an easy handling during transportation thanks to its reduced volume.
2. Thus, each component can be easily recycled.
3. Heat is applied to paint the product, therefore no catalyst or solvent is used.
4. 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).
5. It does not contain any Volatile Organic Compounds.
6. HPL is energetically valuable through incineration.
7. HPL has a very low level of formaldehyde (below the allowable limit $<0.4 \text{ mg / h m}^2$), and it is made of components coming from wood. It is suitable for food use.

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8. HPL is virtually fireproof (F2 class), but it can burn at very high temperatures. Ashes are not toxic.
9. The HPL manufacturer is certified with ISO 14001 (waste management).
10. It complies with the REACH Regulation (EC) No 1907/2006 of the European Parliament and the Council (18th December 2006) because: Mobles114 declares that it keeps the correct way of communication with its suppliers, and PEY BASIC 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 PEY BASIC products does not exceed the amount of 1 tonne of these substances considered as very high concern). For all these reasons, PEY BASIC products are considered to meet the REACH Regulation requirements.