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**Subject:** RoHS Directive

The European Union has issued Directive 2011/65/EU1 regarding the Restriction of Hazardous Substances in new electrical and electronic equipment. This directive was issued 8 June 2011 and is going to be effective on July 1st 2011. From that date new electrical or electronic equipment have to fulfill the requirements of the directive.

For users of copper and brass rods and bars the main issue of this Directive is mentioned in Article 4 (Prevention), paragraph 1.

- The following elements must be absent in new electrical and electronic equipments:
  - Cadmium (Cd);
  - Mercury (Hg);
  - Hexavalent chromium (Cr (VI));
  - Polybrominated biphenyls (PBBs);
  - Polybrominated diphenyl ethers (PBDEs);
  - Lead (Pb).

There are a number of material exemptions from the RoHS II Directive. These are listed in a number of amendments to the Directive (Annex III, applications exempted from the restriction in Article 4(1), 6(c))

- Copper alloy containing up to 4 % lead by weight

Barbosa World Brass, S.A. herewith states that the copper and brass materials which we produce and supply, fulfill the requirements as mentioned in this directive.

Canedo, July 07<sup>th</sup> of 2020

**Barbosa World Brass, S.A.**  
A Administração



**Barbosa World Brass, S.A.**

Sede: Rua de Sousaniil, nº 476, 4525-100 Canedo VFR, Santa Maria de Feira, Portugal  
Telefone: +351 227 637 040 - E-mail: asbw@asbw.pt - www.asbw.pt  
NIF: 515 557 552 - Capital Social: 350.000 Euros