



EEE

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EU proposes to revise the exemption of cadmium in RoHS Annex III

On October 20, 2023, the World Trade Organization (WTO) issued Circular G/TBT/N/EU/1022, which proposed the revision of the exemption for cadmium in Annex III of the RoHS Directive by the European Commission, the revision of the exemption deadline for cadmium in display lighting applications, and the addition of a restriction requirement for cadmium in display and projection applications. The draft notification will be subject to a 60 day public consultation, with a proposed adoption date of January 2024, and is expected to take effect on the 20th day after its publication in the Official Journal of the European Union.

In Annex III of Directive 2011/65/EU, The original 39 (a) is proposed to be replaced by the following:

Entry	Exemption items	Scope and validity period
39(a)	Cadmium selenide in downshifting cadmium-based semiconductor nanocrystal quantum dots for use in display lighting applications ($< 0,2 \mu\text{g Cd per mm}^2$ of display screen area)	Expires for all categories on [PO: please insert the date 18 months after the date of publication of this Directive]

In Annex III of Directive 2011/65/EU, it is proposed to add the following new content:

Entry	Exemption items	Scope and validity period
39(b)	Cadmium in downshifting semiconductor nanocrystal quantum dots directly deposited on LED semiconductor chips for use in display and projection applications ($< 5 \mu\text{g Cd per mm}^2$ of light emitting LED chip surface) with a maximum amount per device of 1 mg	Expires for all categories on 31 December 2027

The EU RoHS restricted substance exemption includes Annex III and Annex IV. The exemption clauses in Annex III apply to categories 1-7, 10, and 11 of electronic and electrical products in Annex I, while Annex IV only applies to categories 8 and 9 of electronic and electrical products. This update mainly focuses on Annex III products. Therefore, manufacturers of electronic and electrical products in categories 1-7, 10, and 11 in Annex I need to pay special attention to the latest developments in this exemption.

Original link: [G/TBT/N/EU/1022](https://www.wto.org/G/TBT/N/EU/1022)

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