

## Statement on EU REACH Provisions

This statement highlights the common understanding among global semiconductor device manufacturers regarding EU REACH (Regulation (EC) No 1907/2006 of the European Parliament and of the Council) and Nexperia's specific situation. Our products and packaging materials are regarded as articles under EU REACH. Nexperia is specifically required:

- To inform recipients if an article placed on the European market contains a Substance of Very High Concern (SVHC) exceeding 0.1 % by weight;
- To notify ECHA if an article contains an SVHC in excess of 0.1 % by weight and the total amount of the SVHC present in all articles produced or imported to the European market exceeds one ton per year;
- To cease shipment of articles containing EU REACH Annex XIV ("Authorization List") unless authorization has been obtained;
- To cease shipment of articles containing EU REACH Annex XVII substances ("Substances restricted under REACH") when restrictions apply.

After review of supplier certifications, material composition declarations, and Nexperia's own specifications, we have determined, to the best of our knowledge and belief, that the following points apply to our products and packaging materials:

- With the exceptions listed in the appendix to this document, no substances covered by the **242** entries of the SVHC Candidate List as of the latest publication date **2024-11-07**<sup>1</sup> in concentrations exceeding 0.1 % by weight of the total article are contained.
- The weight of SVHCs shipped into the EU has not exceeded one ton per year and annual reporting to ECHA is not required.
- No substances covered by the **59** entries of Annex XIV of the Regulation, as last amended by Regulation 2022/586/EU on **2022-04-08**, are included.
- Substances exceeding the maximum limits for the applicable uses covered by the **78** entries<sup>2</sup> of Annex XVII of the Regulation, as last amended by Regulation 2024/1328/EU on **2024-05-17**, are not present.

For further details, please reach out to your Nexperia contact. In case you do not have a specific contact person, please get in touch with the nearest [Sales Office](#) or, after registration, fill in the [technical support form](#).

---

Dr. Timo Stein  
Manager ECO-Products  
Nexperia B.V.

<sup>1</sup> Press releases available from [echa.europa.eu/news-and-events/news-alerts/all-news](https://echa.europa.eu/news-and-events/news-alerts/all-news).

<sup>2</sup> The highest entry number is 78. Due to deletions, the list contains 73 entries.

## Appendix

### A) Active Products

We have identified products in our portfolio that may contain SVHCs, see Table 1.

**Table 1:** SVHCs that may be present in Nexperia's portfolio of active products along with their respective CAS number and applicable notes.

Substance Name	CAS No.	Note
Diboron trioxide	1303-86-2	a
4,4'-Isopropylidenediphenol (Bisphenol A)	80-05-7	b
Lead	7439-92-1	c
(2,4,6-Trimethylbenzoyl)diphenylphosphine oxide	75980-60-8	d
2-Benzyl-2-(dimethylamino)-1-(4-morpholinophenyl)-1-butanone	119313-12-1	d

#### Notes:

- <sup>a</sup> Glass diodes are declared to contain diboron trioxide as a chemical constituent of the glass tube. Within the glass tube, this substance is not present in its original molecular form and cannot be released under normal or reasonably foreseeable conditions. Therefore, notification and information duties based on the REACH regulation do not apply. Please refer to the "[Joint Position of BVKI, JEITA and ZVEI Inside the Electrical Industry's Value Chain](#)" for further information.
- <sup>b</sup> Nexperia does not declare any contents of free Bisphenol A. Some materials may contain copolymers synthesized from Bisphenol A monomers. The monomer is not expected to be present in the final product in its original molecular form, but may be contained in trace amounts that cannot be released under normal or reasonably foreseeable conditions.
- <sup>c</sup> Affected products make use of RoHS exemption 7(a). Please refer to our RoHS declaration and the WFD letter for more information.<sup>3</sup> Nexperia is making use of lead-containing solder pastes and solder wires where the lead concentration exceeds 0.1 % of the article. Other materials like post-platings and lead frame alloys may contain lead impurities that will not exceed 0.1 % of the article.
- <sup>d</sup> These substances may be present as impurities of solder masks used in substrates and do not exceed 0.1 % of the respective article.

### B) Obsolete Products

Obsolete products may have included SVHCs exceeding 0.1 % by weight in the past.

- Cobalt dichloride (CAS No. 7646-79-9). Humidity indicator cards (HICs) sealed inside moisture control bags prior to 2009-12-31 may contain this substance.
- 2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol (tetrabromobisphenol A; CAS No. 79-94-7). Products shipped before 2006-06-28 may contain this substance. Additionally, products shipped before 2017-04-27 may contain a copolymer synthesized from tetrabromobisphenol A as one of the monomers. The monomer is not expected to be present in the final product in its original molecular form, but may be contained in trace amounts that cannot be released under normal or reasonably foreseeable conditions.
- Glass diodes belonging to SOD27, SOD66, SOD68, and SOD80C packages contained lead monoxide (CAS No. 1317-36-8) prior to implementation of change notice CN-202310015F, "Change to Pb-free Glass Diodes" on 2024-09-13. Analogous to the situation for diboron trioxide described in Note a, the lead monoxide content of lead-containing glass tubes shall not be considered as an SVHC content.

<sup>3</sup> This document is available from: [nexperia.com/quality/environmental-certifications](https://www.nexperia.com/quality/environmental-certifications)