



23 January 2024

REACH (Registration, Evaluation, Authorization and Restriction of Chemicals) – EC 1907/2006

REACH is a European Community Regulation on chemicals and their safe use ([EC 1907/2006](#)) which entered into force on 1 June 2007. It deals with the **Registration, Evaluation, Authorization and Restriction of Chemical substances**.

REACH apply within the territory of the European Union and therefore, in theory, only impact directly on manufacturers and importers within the European Union, in practice, its impact is global. The information that EU importers and manufacturers will need to receive from their non-EU suppliers is crucial for their ability to comply with the REACH requirements and the continued use of these substances.

Since Broadcom Inc. is a component producer and the products we supply shall not release any substance under normal or reasonably foreseeable conditions of use, therefore our company has no obligation for registration nor to provide safety data sheets (SDS). We will, to comply with Article 33 (1), inform our customers promptly if any of our products (including packaging material used for shipment to Broadcom's customers) contain more than 0.1% by weight of any Substance of Very High Concern (SVHC) that are listed in ECHA's Candidate List. We certify that our products (including packaging) comply with the conditions of restriction as defined in Annex XVII.

We declare that, except Note below, none of the Broadcom Inc's products contain the substances within the **240** entries currently on the SVHC Candidate List in excess of 0.1% by weight per article as published by ECHA with latest publication date **January 23, 2024**.

Note:

- Some of our substrate materials may contain Bisphenol A which also known as 4,4'-isopropylidenediphenol (EC # 201-245-8, CAS # 80-05-7) with concentration in excess of 0.1% by weight; however, this substance, in its original molecular form, is contained in these materials as residue and cannot be released under normal or reasonably foreseeable conditions. Broadcom may declare this substance in excess of 0.1% by weight for impacted articles.
- Some suppliers of epoxy, and die encapsulation materials have reported this substance Methylhexahydrophthalic anhydride (EC # 247-094-1, CAS# 25550-51-0) in their material composition declaration and cannot be released under normal or reasonably foreseeable conditions. Broadcom may declare this substance in excess of 0.1% by weight for impacted articles.
- Some suppliers of substrates, solder materials (balls, wires and bumps), capacitors, coils, inductors, and resistors have reported Lead (EC# 231-100-4, CAS# 7439-92-1) which may be in excess of 0.1% by weight in their material composition declaration. (Note that all these are under RoHS Exemptions for Lead)
- Some of our packaging or plastic/rubber materials (like port plugs or tube stoppers) may contain D4 (EC#209-136-7, CAS#556-67-2), D5 (EC#208-764-9, CAS #541-02-6) and/or D6 (EC#208-762-8, CAS#540-97-6) with concentration exceeding 0.1% by weight
- Some suppliers of PCB materials have reported these substances 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone (EC # 404-360-3, CAS# 119313-12-1) and/or 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (EC # 400-600-6, CAS# 71868-10-5) with concentration in excess of 0.1% by weight. Broadcom may declare this substance in excess of 0.1% by weight for impacted articles.

Please send your enquiry to our designated email (rohs.enquiry-spg@broadcom.com) if you would like to seek further clarification.

Thank You.

Broadcom Inc. Product Stewardship