

May 14<sup>th</sup>, 2020

To our valued customers,

## Statement of Compliance on EU REACH Regulation (EC 1907/2006)

### *Nexto Series*

In accordance with Article 33 of Regulation Nº 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), Altus Sistemas de Automação has a duty to communicate to its customers the presence of Substances of Very High Concern (SVHC) contained in its articles in excess of 0.1% weight by weight (w/w), as well as sufficient information to ensure safe use of the product.

Having evaluated supplier certifications and material composition declarations, as well as Altus's specifications, Altus has identified materials within its products and packaging materials that may contain EU REACH SVHC candidate substances in excess of 0.1% by weight. The substances are:

- 1-Methyl-2-pyrrolidone (NMP) (EC# 212-828-1, CAS# 872-50-4) per EU Decision ED/31/2011 on 2011/06/20 (see Note 1)
- Diboron trioxide (EC# 215-125-8, CAS# 1303-86-2) per EU Decision ED/87/2012 on 2012/06/18 (see Note 2)
- Lead monoxide (EC# 215-267-0, CAS# 1317-36-8) per EU Decision ED/169/2012 on 2012/12/19 (see Note 2)
- Lead titanium trioxide (EC # 235-038-9, CAS# 12060-00-3) per EU Decision ED/169/2012 on 2012/12/19 (see Note 2)
- Methylhexahydrophthalic anhydride (EC# 247-094-1, CAS# 25550-51-0) per EU Decision ED/169/2012 on 2012/12/19 (see Note 3)



- 4,4'-isopropylidenediphenol (EC # 201-245-8, CAS # 80-05-7) per EU Decision ED/01/2017 on 2017/01/12 (see Note 4)
- Lead (EC# 231-100-4, CAS# 7439-92-1) per EU Decision ED/61/2018 on 2018/06/27 (see Note 5)
- 2-Methyl-4'-(methylthio)-2-morpholino propiophenone (EC# 400-600-6, CAS# 71868-10-5) per EU Decision ECHA/01/2020 on 2020/01/16 (see Note 6)

Notes:

1. Some suppliers of dielectric coating and passivation polymer layer materials have reported this substance in their material composition declaration as a raw material ingredient (solvent). Altus may declare this substance in excess of 0.1% by weight for impacted articles; however, this substance, in its original molecular form is contained in these materials as a small residue and cannot be released under normal or reasonably foreseeable conditions.
2. Some suppliers of glass lead frit, substrates, capacitors, resistors, caps and non-conductive epoxy adhesive with a glass or ceramic base material have reported one or more of these substances as a raw ingredient: Diboron trioxide, Lead monoxide, and Lead titanium trioxide. Altus may declare these substances in excess of 0.1% by weight for impacted articles; however, these substances are not present in their original molecular form and cannot be released under normal or reasonably foreseeable conditions. EU REACH communications to customers and ECHA are not applicable for articles containing glass and ceramics since they are classified under EU REACH as UVCB substances (substance of unknown or variable composition, complex reaction products or biological material).
3. Some suppliers of epoxy, die encapsulation, and die underfill materials have reported this substance in their material composition declaration. Altus may declare this substance in excess of 0.1% by weight for impacted articles.





4. Some suppliers of carrier tapes, epoxy resins, and substrate materials have reported this material, under the name "Bisphenol A", in their material composition declaration as a raw polymer ingredient. Altus may declare this substance in excess of 0.1% by weight for impacted articles; however, this substance, in its original molecular form is contained in these materials as a small residue and cannot be released under normal or reasonably foreseeable conditions.
5. Some suppliers of substrates, solder materials (balls, wires, and pastes), capacitors, coils, inductors, resistors, bumped semiconductor die and die shields have reported this substance in their material composition declaration. Altus may declare this substance in excess of 0.1% by weight for impacted articles.
6. Some suppliers of substrates have reported this substance in their material composition declaration. Altus may declare this substance in excess of 0.1% by weight for impacted articles.

Altus Sistemas de Automação will continue to monitor the REACH candidate list to maintain compliance with the REACH regulation.

The EU announced on January 16th, 2020 an updated list of the candidate 205 SVHC chemicals. The list can be found at:  
<https://echa.europa.eu/candidate-list-table>

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