

Statement of product compliance with the REACH regulations; Regulation (EC) no. 1907/2006.

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A02006R1907-20220301>

The Printed Circuit Boards (PCB's) produced and sold by PRI-DANA Elektronik A/S are considered as "Articles" according to the REACH definition given in: General Issues, Chapter 2, Article 3, 3.

According to our knowledge, based on information retrieved from our suppliers, the PCB's produced by PRI-DANA Elektronik A/S, do not contain any of the substances listed in the Candidate List of Substances of Very High Concern (SVHC, latest update: 17-01-2023) in concentrations exceeding 0.1%.

<https://echa.europa.eu/en/candidate-list-table>

The standard green solder mask applied to PCB's produced by PRI-DANA Elektronik A/S contain two substances, which are on the SVHC list:

2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one, CAS no. 71868-10-5, included on the SVHC list 16-01-2020; <https://echa.europa.eu/en/substance-information/-/substanceinfo/100.100.260>

Melamine, CAS no. 108-78-1, included on the SVHC list 17-01-2023;

<https://echa.europa.eu/en/substance-information/-/substanceinfo/100.003.288>

The concentration of both these substances in the final product is assessed to be well below the concentration limit (0.1 %), based on analysis of cured solder mask, performed by the solder mask supplier. PRI-DANA Elektronik A/S has received information from the solder mask supplier, that work is in progress to substitute these substance from the solder mask.

PCB's produced by PRI-DANA Elektronik A/S may contain substances which are included in the Restriction List, Annex XVII.

<https://echa.europa.eu/en/substances-restricted-under-reach>

Nickel (Annex XVII, Entry 27).

Nickel is present in PCB's with ENIG, galvanic Ni/Au and leadfree Hot Air Levelling (Sn100C alloy) surface finishes.

The use of PCB's with either of these surface finishes is therefore restricted by the conditions outlined in Annex XVII, Entry 27.

<https://echa.europa.eu/documents/10162/3bbe9024-52a6-8e63-5581-e686331eb459>

Lead (Annex XVII, Entry 63).

Lead is present in PCB's with Hot Air Levelling and fused tin lead surface finishes (Sn/Pb alloy).

The use of PCB's with this surface finish is therefore restricted by the conditions outlined in Annex XVII, Entry 63.

<https://echa.europa.eu/documents/10162/851fb88e-9867-c5a0-bf15-2678ad831be6>

PRI-DANA Elektronik A/S confirms that purchase and processing of chemical substances at PRI-DANA Elektronik A/S takes place in accordance with the REACH regulations.

07-03-2023

PRI-DANA Elektronik A/S

Rasmus Enemærke

Technology and Laboratory Manager

Change log:

Date:	Replaces:	Change description:
2019-10-08	None	New document.
2020-05-04	Rev. 01, 2019-10-08	Update of SVHC list. Inclusion of note on CAS no. 71868-10-5
2020-11-11	Rev. 02, 2020-05-04	Update of SVHC list.
2021-04-08	Rev. 03, 2020-11-11	Update of SVHC list. Fused tin lead included as surface finish containing lead.
2021-08-10	Rev. 04, 2021-04-08	Update of SVHC list.
2022-03-04	Rev. 05, 2021-08-10	Update of SVHC list.
2022-09-06	Rev. 06, 2022-03-04	Update of SVHC list.
2023-03-07	Rev. 07, 2022-09-06	Update of SVHC list. Inclusion of note on CAS no. 108-78-1