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Statement on California Proposition 65 Substances in Sunstone Circuits Unpopulated Printed Circuit Boards

California’s Proposition 65, officially known as the Safe Drinking Water & Toxic Enforcement Act of 12986 (<https://oehha.ca.gov/proposition-65>) contains a list of chemicals and exposure thresholds which the State of California has determined present a risk of cancer, birth defects or other reproductive harm. The entire list of chemical substances can be found on the State of California website at <https://oehha.ca.gov/proposition-65/proposition-65-list>.

Sunstone is a “build to print” manufacturer, primarily of custom unpopulated printed circuit boards (bare boards) that are not intended as consumer products. Each part is manufactured to order and in accordance with the design and material specifications provided by the customer.

Sunstone expects that customers always use appropriate personal protective equipment, including gloves, when handling parts manufactured by Sunstone, and that Sunstone bare boards are fully enclosed prior to end use. Once enclosed, there should be no exposure route for Proposition 65 substances used in Sunstone bare boards during normal or reasonable foreseeable use. As such, Sunstone does not believe that our bare boards, when used as intended, present an exposure risk of ingestion, inhalation or by absorption through the skin of any of Prop 65’s current list of chemicals. Nonetheless, out of an abundance of caution, and in the event Sunstone’s products are misused or used in ways we do not foresee, we are taking the precaution of providing this Statement.

As Sunstone parts are custom ordered, individual analysis of parts for Proposition 65 substance levels is not feasible. Sunstone periodically compares the substances potentially contained in bare boards that we manufacture against the Proposition 65 list. The following listed substance may be found on the surface layer of unpopulated printed circuit boards manufactured by Sunstone:

Substance	CAS No.	Details
Bisphenol A (BPA)	80-05-7	Small residual amounts of this substance can be found in some laminate and soldermask materials.
C.I. Solvent Yellow 14	842-07-9	This substance is found in some yellow nomenclature legend inks.
Lead	7439-92-1	This substance is found in Lead-containing surface finishes.
Nickel	7440-02-0	This substance can be found in certain products ordered.
Tetrabromobisphenol A	79-94-7	Small residual amounts of this substance can be found in some laminate materials.
2-Methylimidazole	693-98-1	This substance is found is some laminate materials

As noted, there is no significant opportunity for exposure or release under normal usage. Additional information on Proposition 65 warnings can be found at <https://p65warnings.ca.gov/>

Sincerely,

Kevin Beattie

Kevin Beattie
 Quality Assurance Manager
 Sunstone Circuits, LLC