

31-Aug-2018

TO: TTM Technologies, Inc. (TTM) Printed Circuit Board Customers

RE: Statement on California Proposition 65 Substances in TTM Products

Dear Valued Customer:

California's Proposition 65, officially known as the Safe Drinking Water & Toxic Enforcement Act of 1986 (<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>.

TTM is a "build to print" manufacturer, primarily of custom unpopulated printed circuit boards (bare boards). Each part is manufactured to order and in accordance with the design and material specifications provided by you, the customer, when each order is placed.

TTM periodically compares the substances contained in bare boards that we manufacture against the Proposition 65 list. To date, all listed substances known to be contained in bare boards are below the OEHHA "Safe Harbor Levels" with the exception of the following for which no Safe Harbor Level has been posted:

- Nickel

Very small amounts of Nickel can be found in bare boards manufactured by TTM when one or more of the following conditions are true:

1. If the Customer specifies that their bare board design must contain Hard, Soft, or Immersion Gold, then a thin layer of nickel is also specified for under the gold; Or
2. As a trace in some electrodeposited copper foils; Or
3. As a trace in some lead-free solders.

Please note that none of these uses provides significant opportunity for either exposure or release under normal usage.

Sincerely,



Stephen G. Edward, P.E.  
Product Environmental Reporting Manager,  
Corporate Environmental, Health and Safety, TTM Technologies, Inc.