

Q-TECH CORPORATION  
REACH and SVHC

*July 2021*

REACH is a new European Community Regulation on chemicals and their safe use. It deals with the Registration, Evaluation, Authorization and Restriction of Chemical substances. The new law entered into force on 1 June 2007 under regulation no.1907 /2006. The aim of REACH is to improve the protection of human health and the environment through the better and earlier identification of intrinsic properties of chemical substances. The threshold for registration has been established at 1 Tonne per year to the EU. Items containing over 0.1 % of Substances of Very High Concern (Listed in Annex XIV), however, are required to be identified for shipments below the 1 Tonne limit.

Q-Tech Corporation designs and builds High Reliability Hybrid Crystal Oscillators for severe environments. These devices are usually 1 to 10 grams and are hermetically sealed in a Kovar or ceramic/Kovar package which is gold plated (pure nickel or stainless-steel lids without plating may also be employed). The total quantity manufactured does not exceed 1 Tonne and sold to customers in the EU per year with the majority of devices being sold to USA customers. Small quantities of lead oxide and/or cadmium oxide/silicate (up to 75 micrograms) may be contained in glass frits or ceramic capacitors hermetically sealed within these devices. Q-Tech Corporation therefore warrants, that all hybrid products shipped to all customers within the EU neither exceed one ton per year nor contain more than 0.1 % of the substances listed in Annex XIV at the date of this Statement unless ordered with hot solder dip. **Q-Tech Corporation additionally warrants that NO CHEMICAL listed in the REACH SVHC 219 Candidate List of Substances July, 2021 (ECHA) is present in our hybrid products unless ordered with a hot solder dip finish.**

For non-hybrid products, which are specifically designed using lead solder, Q-Tech recommends customers seek exemption based upon end-use of the products designed to be sent into space. If you have any questions please contact me at the information listed below.

Kind Regards,



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