

# REACH Notification of SVHC

(Registration, Evaluation, and Authorisation of Chemicals)

November 22, 2019

## Introduction

Positronic Industries, Inc. understands the importance of protecting our environment and the human population. We strive to stay aware of global environmental regulations and how they relate to our connector products. This document is intended to notify our customers regarding the general presence of substances of very high concern that may be found in our products.

## Evaluation

As global EU regulations are updated, Positronic Industries evaluates each new substance added to the regulations lists and performs a risk evaluation as to the presence of the substance in our products.

## Presence of Substances of Very High Concern/Authorization List

On January 15, 2019, the European Chemical Agency (ECHA) released a list of additional substances for future inclusion to Annex XIV. This brings the current list to 197 substances. Regarding the contents of these substances in our products, please note the following;

1. A majority of our contacts, unless specifically ordered to be made of tellurium copper, will be made of a brass or bronze material that can contain 1-4% lead. It should be noted that these contacts are compliant with RoHS2 and RoHS3, claiming a 6c exemption.
2. MD, WD, DP, DPP, WDD, ED connector series contains greater than 15% Dechlorane Plus in the nylon 6/6 molding material. Positronic Industries plans to phase out the use of this molding material and will replace it with a material that is free of SVHCs. Customers will be notified when a PCN becomes available.
3. Fasteners and shells that are made of aluminum or steel, may contain from 0.25% to 0.35% respectively, of lead in the base material. This lead is considered RoHS 2 and RoHS 3 compliant, claiming either a 6a1 or 6b2 exemption.
4. Cadmium may be present as a plating material on shells in a non-RoHS application. Cadmium is only used when ordered by the customer.
5. Connector series that contain black molding materials may also contain polycyclic aromatic hydrocarbons (PAHs). Our connectors are not intended for use by the general public as consumer products and are not expected to be in short term or prolonged repetitive contact with human skin and are therefore out of the scope of PAHs restriction.

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6. Grommets, o-rings, santoprene fasteners and interfacial seals may contain cyclosiloxanes/ fluorosilicones or PAHs.
7. Teflon (PTFE) which is a fluoropolymer may be found in our hermetic products, in shielded coaxials, IP and CBD connector series.

## **Registration/Authorization**

1. Positronic Industries will not be registering lead, PAHs, PTFE, cadmium or Dechlorane Plus as the amount exported to the EU is less than the 1 tonne threshold.

SVHC information can be provided on a specific product, contact or fastener by contacting Positronic at [customerservice@connectpositronic.com](mailto:customerservice@connectpositronic.com)

<b>TECHNICAL SALES – CONTACT INFORMATION</b>		
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