



## REACH SVHC Statement, 197 Substances

16 January 2019

Dear Customer:

On June 1, 2007, the European Commission promulgated legislation that covers the registration, evaluation, authorization and restriction of chemicals within the European Union community. This regulation is commonly known as REACH.

AVX supports the goals of REACH, which are consistent with our own commitment to promote the responsible manufacturing, use, and handling of chemicals. This revised REACH statement from AVX incorporates the 197 substances now on the SVHC list.

Additionally, after careful review of the legislation and specifically the definition of an “article” as defined in EC Regulation 1907/2006, Title II, Chapter 1, Article 7.1(a) & (b), it is AVX’s view that the products AVX sells to you are considered “articles”. Further, the definition at § 7.1(b) requires registration of an article only if it contains a regulated substance that ***“is intended to be released under normal or reasonably foreseeable conditions of use.”*** AVX’s analysis is that such products constitute non-registrable articles for their intended and anticipated use.

The product families listed below contain one of the following lead or lead oxides published in the ECHA SVHC Candidate List at or greater than 0.1% of total weight:

Lead monoxide (CAS 1317-36-8),

ATC 600 series,

ADxxC...,

ANxxC...,

APxxA...,

Automotive NPO MLCCs and arrays using ELV Exemption 10(c) (Send list to verify),

CDRBX series,

DIPGuard (MD...),

Discoidal capacitors (DC...),

Molded Axial (MAxxxA...),

Molded Radial (MRxxxA...),

NPO Feedthrus (WxFxxA...),

PBRC...,

SMO series,

Some leaded military parts (Send list to verify),

Thin film fuses (F[size]...N or S or WTR) (F0603G & F0402G do comply).

Lead titanium zirconium oxide (CAS 12626-81-2),

Automotive NPO MLCCs and arrays using ELV Exemption 10(c) (Send list to verify),  
Some leaded military parts (Send list to verify).

Lead tetraoxide - orange lead (CAS 1314-41-6),  
PBRV...,  
PRQC...,  
SMPS (Send list to verify),  
Some leaded military parts (Send list to verify).

Lead and tin/lead – Some leaded military parts (Send list to verify).

In all cases, the lead substance is chemically combined in a ceramic or glass matrix and presents no hazard to humans or the environment under normal handling and use. Any excess or unused components may be returned to AVX for disposition at the customer's option.

Other product families do not contain reportable Substances of Very High Concern (SVHC) as defined in Article 33 (1) & (2) "Substances of Very High Concern" EC Title VII, Chapter 1 Article 57 and revised as noted below.<sup>1</sup> In addition, AVX complies with the restrictions stated in Annex XVII of REACH. In addition, all ROHS compliant products are noted as such in AVX product catalogs.

The above statements fulfill the communication requirements stated in REACH, Article 33. Should you require further information or have any questions, please contact [avxrohs@avx.com](mailto:avxrohs@avx.com).

<sup>1</sup>Revisions to SVHC candidate list which have been reviewed in preparation of this statement:

9 October 2008, 13 January 2010, 30 March 2010, 18 June 2010,  
15 December 2010, 20 June 2011, 19 December 2011, 18 June 2012,  
19 December 2012, 20 June 2013, 16 December 2013, 18 June 2014,  
17 December 2014, 15 June 2015, 17 December 2015, 20 June 2016,  
12 January 2017, 7 July 2017, 15 January 2018, 27 June, 2018, 16 Jan 2019