

K-Flex Compliance with Restriction of Hazardous Substances (RoHS) Regulations

On January 27, 2003 the European Parliament and the Council of the European Union passed the “Restriction of Hazardous Substances” Directive, citation 2002/95/EC. This directive, commonly referred to as RoHS, restricted the use of six (6) substances in electrical and electronic equipment (EEE) sold in the EU. This directive took effect on July 1, 2006. The six regulated substances are: **lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls and polybrominated diphenyl esters.** The maximum allowable content of cadmium is 0.01 % by weight and is 0.10% by weight for the other regulated substances. Content of any amount of any of these substances must be declared.

While this directive originally applied to eight categories of products, RoHS Directive 2011/65/EU (RoHS 2) will expand this to 10 categories in 2016 and to 11 categories by July 2019 when RoHS Directive 2015/863 (RoHS 3) goes into effect. RoHS 3 will also add 4 additional phthalates (DEHP, BBP, DBP and DIBP) to the restricted substances list.

While this directive currently applies to the European Union, similar legislation is in place for China, Japan, South Korea and Canada (Alberta), and is in effect or pending for the following states: CA, CO, CT, FL, HI, IL, IN, LA, MA, ME, MI, MN, MT, NC, NC, NE, NH, NJ, NM, NV, NY, OH, OR, RI, SC, TN, TX, VA, VT, WA and WI.

K-Flex USA’s elastomeric thermal and acoustic insulation materials may be used as components of EEE.

K-Flex USA elastomeric insulation products do not contain any of the above-listed substances, and all insulation products comply with RoHS 1 EC Directive 2002/95, RoHS2 EU Directive 2011/65 and RoHS 3 EU Directive 2015/863.

All K-Flex USA insulation products list RoHS compliance in the SPECIFICATION COMPLIANCE section of the Data Submittal Sheet. Refer to www.kflexusa.com for our current literature.

Many OEM manufacturers have specialized forms for RoHS compliance or may want specific part numbers referenced. These requests should be forwarded to the K-Flex USA Technical Service Department in Youngsville, NC for response. Insulation Distributors should provide a cross-referenced list of parts supplied to the OEM with these requests, as the OEM part numbers and K-Flex USA part numbers may differ.