



Environmental Compliance Initiatives

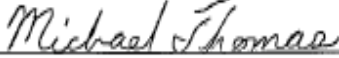
Knowles is proud of our progressive and proactive approach to dealing with issues that may impact the global environment. As part of our commitment to environmental responsibility, Knowles initiated a program in 2004 to identify and eliminate hazardous substances in our products and processes and to assure that our products meet all environmental regulations. Here are the important elements of that program.

- In 2005 Knowles implemented the first company-wide environmental standard, the *Knowles Green Materials Standards Policy*
- In 2005 all component and materials suppliers were required to submit declarations as to the compliance of our parts and materials to the *Knowles Green Materials Standards Policy*
- Prior to the July 2006 deadline, the majority of Knowles products were fully compliant to the European Directive 2002/95/EC (RoHS)
- In 2007 Knowles purchased dedicated XFR (X-ray fluorescence) test equipment and in 2008 began an audit program to analyze incoming parts and materials for restricted substances
- In 2008 Knowles purchased materials declaration management software and implemented a company-wide process to collect and manage all data related to substances contained in our products. The software supports our ERP system which currently identifies and controls proper labeling of product with respect to compliance. For example, Knowles products identified by a package label stating “Meets RoHS Requirements” are compliant to the RoHS Directive 2002/95/EC.
- In 2009 Knowles began requesting suppliers to submit full substance disclosure for parts and materials used in Knowles products, whether those substances are currently restricted or not.
- The materials declaration management system software together with full substance disclosure from suppliers enables Knowles to assure continued compliance to existing and new regulations as they evolve in the future. Even today the list of regulated, restricted and reportable substances is so extensive that reliance on laboratory testing of parts and materials cannot be used to verify compliance to existing standards.
- Knowles continues to utilize global consulting services in order to monitor and stay abreast of environmental legislation changes around the world.

RoHS Compliance: As noted above, Knowles products identified by a package label stating “Meets RoHS Requirements” are compliant to the European Union Directive 2002/95/EC commonly known as RoHS. At the customers’ request Knowles will provide an industry-standard *IPC-1752 Material Composition Declaration* for any specific product. The scope of the declaration is defined within the IPC-1752 form provided.

REACH Compliance: Because Knowles is a manufacturer of articles without any intended release of substances, registration or authorization of Knowles products is not required for REACH. Knowles products do not contain greater than or equal to 0.1% substance weight (by article weight) of any substance on the SVHC (Substances of Very High Concern) Candidate List. Knowles shares the global concern for SVHC and actively monitors substances being added to the list of SVHC. Knowles will notify its customers should any substances added to the Candidate List be contained in the products Knowles produces equal to or greater than the maximum allowable concentration limit.

Questions regarding regulated and restricted substances as well as any questions regarding REACH may be addressed to William Henryson at bill.henryson@knowles.com.



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