

REACH Regulations

REACH is a regulation of the EU adopted in June, 2007 to control chemical substances. It stands for Registration, Evaluation, Authorization and Restriction of Chemicals and regulates the chemical substances produced and used within the EU

The basic mechanisms of the REACH regulation are as follows:

(1) Article 6 / Obligation for Registration

Save where this Regulation provides otherwise, any manufacturer or importer of a substance, either on its own or in one or more preparation(s), in quantities of one tonne or more per year shall submit a registration to the Agency.

(2) Article 23 / Specific provisions for phase-in substances

Pre-registration allows you to benefit from extended registration deadlines. For so-called 'phase-in substances', REACH provides for a phase-in scheme with staggered registration deadlines depending on the tonnage band and hazards of the substance:

(3) Article 11, 28, 29, 30 / Joint submission of data by multiple registrants

Various companies exchange data about the same phase-in substances and are obligated to provide information about potential hazards.

(4) Article 7 / Registration and notification of substances in articles

Article 33 / Duty to communicate information on substances in articles

Article 59 / Substances of Very High Concern (SVHC)

There are three main subjects within the REACH regulation - Substance, Preparation and Mixture, and Article. In the case of articles, if the Substances of Very High Concern (SVHC)'s content exceeds 0.1% or the annual quantity is 1 t or more, the dealer shall submit a notification to the European Chemicals Agency (ECHA). Also in case of request from a client or a consumer, the dealer shall report the contents of the request within 45 days.

(5) Article 56 / Certification

From the chemical substances included in the SVHC list, the ECHA makes a selection of substances subjected to authorization. These substances' application is determined and companies that fail to obtain a permit for use, cannot use the substance within the EU.

*The article mostly related to wires and cables from the above is (4).

SVHC: substances of very high concern

The process of registration of SVHC substances as subjects to authorization is as follows:

Nomination of SVHC (public comment) → Candidate List → Substances Subject to Authorization → Registration in Annex XIV

The 13th SVHC Candidate List announced on June 15, 2015 includes 163 substances subject to authorization and require the presentation of information (4).

Annex XIV List of Substances

The substances subject to authorization cannot be used without first specifying their application and obtaining a permit.

31 substances were included on the list of authorized substances confirmed on the Sunset date and announced on December 17, 2014.

*For wires and cables, there are four intimately-related phthalate ester substances (DEHP, DBP, BBP, DIBP) that were officially authorized on February 21, 2015 (Sunset date). For products other than those that have been authorized, an application for authorization (5) must be resubmitted and a permit obtained before use.

ECHA : European Chemicals Agency

This agency carries out the operation and coordination of procedures concerning the restriction, authorization, evaluation and registration of chemical substances under the REACH regulation and also assumes the role of scientific and technical advisor for substances subject to this regulation.