



BRINGING COMPLIANCE WITHIN REACH

E&E PRODUCTS

Electrical and Electronic products come under the scope of European "REACH" Regulation No1907/2006 on the Registration, Evaluation, Authorisation and restriction of Chemicals, which entered into force on 1 June, 2007. Its aim is to increase human health and environment protection and under REACH, manufacturers, importers and downstream users have various obligations. These may include registration, authorization, notification of substances, communication along the supply chain about the use of substances, and restriction of certain substances.

HOW IS E&E AFFECTED?

The main parts of REACH that affect E&E equipment include requirements of Substances of Very High Concern (SVHC) and Restriction. Please contact SGS for deadlines, exemptions and additional criteria.

	WHO	WHAT	CRITERIA	HOW
REGISTRATION	EU Importers	Substances Mixture Articles with intended release substance	Over 1 tonne of substance / year	Simple Inventory Complex Inventory 3rd Party Representation or Registration
INFO IN THE SUPPLY CHAIN	EU Suppliers	All products	Over 0.1% (w/w) of SVHC candidate in article	Supplier Training SVHC Analysis Restricted Substance
NOTIFICATION	EU Importers	All products	Over 0.1% (w/w) of SVHC candidate in article & over 1 tonne of substance / year	Testing Documentation Auditing
	EU Importers	All products *	Use SVHC in product	
RESTRICTION	EU Suppliers	All products	Below limit of restricted substance in product	

* Article imported from non-EEA countries is not subject to authorization.

PRODUCT CATEGORIES

Examples of E&E equipment categorised as containing Mixture:

- Clipper set with oil
- Printer cartridge with ink or toner
- Electric air freshener
- Electric massager with gel
- Wax heater with wax
- Silica gel sachet
- Raw materials used for manufacturing (Alloys, Solder, Paints, Adhesives)

E&E EQUIPMENT CATEGORISED AS CONTAINING ARTICLES:

- Televisions
- Refrigerators
- Light bulbs
- Toasters
- Electronic toys
- PCBs
- Electronic components
- Packaging

E&E EQUIPMENT CATEGORISED AS CONTAINING ARTICLES WITH INTENDED RELEASE OF SUBSTANCES:

- Scented components
- Scented products, e.g. scented electronic candles

REGISTRATION - NO DATA, NO MARKET!

One of the requirements of REACH is manufacturers or importers of substances at or above one tonne per year to register them with the European Chemicals Agency (ECHA). The necessary registration package must be supported by a standard set of data on a substance. If a substance isn't registered, then your data on it will not be available. As a result, you will no longer be able to manufacture or supply your product legally. In other words, no data, no market!

TRAINING & CONSULTANCY

SGS provides critical technical support to help prepare a business strategy that allows you to feel confident about achieving REACH compliance.

SVHC

SVHC Analysis and Screening: SVHC (Substances of Very High Concern) may be introduced into various consumer products due to the complexities of both the supply chain and production process. Laboratory testing provides reliable evidence to determine if chemical substances exist in products and information on their volume and concentration, which is necessary for companies to evaluate the compliance of REACH obligations.

Monitoring and Verification: To meet the challenges posed by REACH, companies need to establish a system to manage all chemical information on REACH-compliant products and all associated processes. Further, on-site audits can ensure REACH compliance of upstream EU and non-EU suppliers.

RESTRICTED SUBSTANCE

The restriction substances are listed in Annex XVII of REACH. Most of the REPAX (Rapid Alert System for non-food dangerous products) notifications are due to the violation of this obligation. Laboratory testing provide reliable information to support companies to evaluate the product compliance.

WHY SGS?

SGS offers a dedicated team of REACH experts with expertise in substance analysis, supply chain management. SGS has a global network of laboratories in key electronics manufacturing countries, including: China, Hong Kong, Thailand, Taiwan, Korea, and Germany.

Our REACH expertise, consultancy services and experience in E&E product supply chains provides a central point of contact for global solutions.



CONTACT US

For further information, please contact:

reach@sgs.com

Or visit us on:

www.sgs.com/REACH



Visit SGS's [LinkedIn](#) page today and follow us now!

SGS IS THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.

WHEN YOU NEED TO BE SURE

SGS