



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 pre-registration, registration, authorization and/or notification of substances, as well as communication along the supply chain about the use of substances in preparations.

HOW IS E&E AFFECTED?

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

	WHO	WHAT	CRITERIA	HOW
REGISTRATION	EU Importers	Substances Preparations Articles with intended release	Over 1 tonne of substance / year	Simple Inventory Complex Inventory 3rd Party Representation Registration
INFO IN THE SUPPLY CHAIN	EU Suppliers	All products	Over 0.1% (w/w) of SVHC in product	Supplier Training SVHC Analysis Documentation Auditing
NOTIFICATION	EU Importers	Articles	Over 0.1% (w/w) of SVHC in product & over 1 tonne of substance / year	
AUTHORISATION	EU Importers	Substances Preparations Articles with intended release	Over listed limit	
RESTRICTION	EU Suppliers	All products	Over limit of SVHC in product	

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PRODUCT CATEGORIES

Examples of E&E equipment categorised as containing Preparations:

- 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

CHEMICALS IN E&E PRODUCTS: PROTECTING OUR FUTURE

REGISTRATION - NO DATA, NO MARKET!

A major part of REACH is the requirement for manufacturers or importers of substances at or above one tonne per year to register them with the Central 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 the 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.

SIEF & REGISTRATION SERVICES

Simple Inventory for Preregistration:
EU importers who are obliged to meet preregistration deadlines for chemicals in E&E equipment can utilise our global network to collect preregistration data from suppliers, evaluate information and prepare a list of preregistration substances.

Complex Inventory: Once substances have been preregistered, it is time to prepare for entry into the SIEF (Substance Information Exchange Forum), collect data required for submission to ECHA and identify gaps to ensure well-informed decisions are made in the forum.

Third Party Representative: Rely on SGS as your 3rd Party Representative and utilize our extensive chemical experience, maintain your SIEF participation obligations, provide technical guidance and ensure your organization is best prepared for REACH.

SVHC

SVHC Analysis and Screening: SVHC (Management of 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 meet 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.

WHY SGS?

SGS offers a dedicated team of REACH experts with expertise in substance analysis, supply chain management and (eco-)toxicology. 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

To learn more about how SGS can help you, contact reach@sgs.com or visit: www.sgs.com/REACH

WHEN YOU NEED TO BE SURE

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