

REACH

REACH (Registration, Evaluation, Authorisation and Restriction of Chemicals) Regulation (EC)No 1907/2006 is a European Union chemical regulatory framework that entered into force on 1 June 2007. REACH is based on the belief that industry itself should be responsible for ensuring that the chemicals it manufactures and puts on the market in the EU do not adversely affect the health of those workers exposed to them through their employment, the public who come in contact with them as users, or the environment. REACH will also simplify the control of chemicals in the European market place and replaces a large number of other directives with a single system of registration, evaluation and authorization.

SVHC

The European Chemical Agency (ECHA) has included 15 substances of very high concern (SVHC) in the 'Candidate List' which was published on the ECHA website on October 2008. Those SVHC might have the following characteristic(s):

- Carcinogenic, mutagenic or toxic for reproduction (CMR)
- Persistent Bioaccumulative and Toxic (PBT) or very Persistent, very Bioaccumulative (vPvB)
- Proven to be seriously harmful to the human body or to the environment, and the hazardous level is the same as those of the previous stated substances. e.g. Endocrine Disrupters

Please visit <https://echa.europa.eu/information-on-chemicals/candidate-list-substances-in-articles-table> for the latest Candidate List.

Article 33 Duty to communicate information on substances in articles

According to Article 33 of REACH, the manufacturer has the obligation to provide sufficient information to the consumer/recipient of the article if Substances of Very High Concern (SVHC) of candidate list are contained in its products in a concentration above 0.1% weight by weight (w/w).

The below mentioned SVHC may be contained in the listed articles in a concentration above 0.1% weight by weight.

PARTS

TECHcomputer product name	Substances of Very High Concern (SVHC)	
	Substance name	CAS number
Case	No SVHC	Not applicable
Heatsinks	No SVHC	Not applicable
Computer memory	Lead	7439-92-1
	Bisphenol A	80-05-7
Solid state drives	Lead	7439-92-1
	Bisphenol A	80-05-7
USB Flash drives	Lead	7439-92-1
	Bisphenol A	80-05-7

PERIPHERALS

TECHcomputer product name	Substances of Very High Concern (SVHC)	
	Substance name	CAS number
Keyboard	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7
Mouse	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7
WEB Cam	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7

MONITORS

Part name	Substances of Very High Concern (SVHC)	
	Substance name	CAS number
Case	No SVHC	Not applicable
Display	No SVHC	Not applicable
Circuit board	No SVHC	Not applicable
Internal cables, cords and connectors	No SVHC	Not applicable

TABLETS

Part name	Substances of Very High Concern (SVHC)	
	Substance name	CAS number
Glass in camera module, and glass in chip resistor on PCB	Diboron trioxide	1303-86-2
External plastic in mechanical part	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9
Glass in LCD, touch panel and resistor	Boric acid	10043-35-3
Electrolyte in battery	1,3-propanesultone	1120-71-4
Chip in integrated circuit	4,4'-isopropylidenediphenol(BPA)	80-05-7
Film on flexible printed circuit	1,2-dimethoxyethane,ethylene glycol dimethyl ether (EGDME)	110-71-4
Mechanical metal alloys and solder alloys	Lead	7439-92-1
Ceramic element, glass element	Lead titanium trioxide	12060-00-3
PCB solder mask or ink used in storage	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
PCB Solder used in panel, speaker and camera	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8
Cable, glue in antenna	tris(2-methoxyethoxy)vinylsilane	1067-53-4
Silica gel, plastic or rubber in mechanical parts	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1

Status as of March 2021: This document will be updated when new SVHCs are added to the ECHA candidate list and are found to be contained in TECHcomputer products.