

August 2019

## PFOA Restriction Policy

### What is PFOA and why is PFOA being restricted?

Perfluorooctanoic Acid (PFOA) is used in a wide variety of applications such as in the fluoropolymer of fire-fighting foams, and in textile and paper production to provide water, grease, oil and dirt repellency.

PFOA has been identified as a substance of very high concern by the EU REACH Directive as it is a persistent, bioaccumulative and toxic structure for the environment and living organisms.

### Legislation Restriction

In 2017, the European Union (EU) published [Regulation \(EU\) 2017/1000](#) to regulate PFOA, its salts and certain related substances as a completely new [entry 68 to Annex XVII of REACH](#).

The regulation will be entered into force from 2020 based on the below usage case condition of restriction.

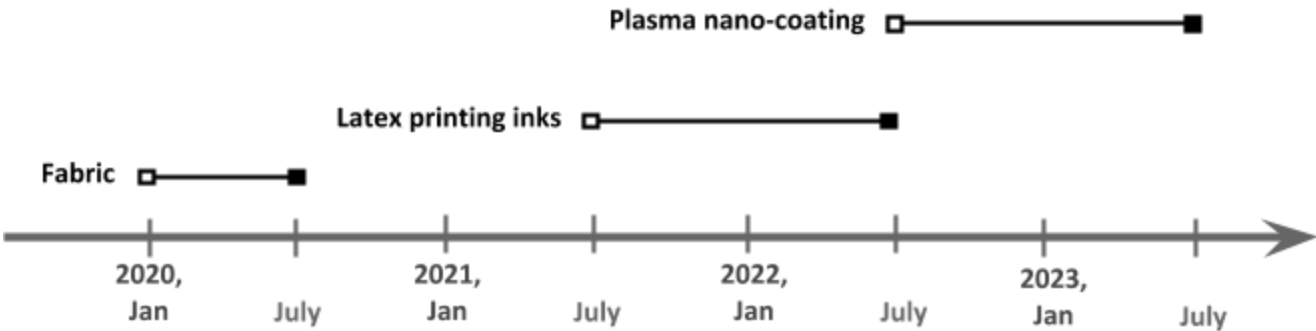
2020-July-04	Fabric & other applications (except below)
2022-July-04	Latex printing inks
2023-July-04	Plasma nano-coating

### What is the impact to Logitech and what is Logitech's Policy position

There are some parts and materials or process which use PFOA as a surfactant to provide waterproof characteristics. For example, fabric and plasma coating utilised by Logitech . In order to ensure Logitech product placed on the market is compliant with this legislation, we plan to take proactive action and the corresponding timeline for compliance to eliminate PFOA (or replace with a suitable legal alternative) is outlined below -

<b>Substance banned:</b> Perfluorooctanoic acid (PFOA) and its salts and related substances	
<ul style="list-style-type: none"> <li>CAS No of PFOA is 335-67-1</li> <li>Any related substance (including its salts and polymers) having a linear or branched perfluoroheptyl group with the formula <math>C_7F_{15}</math>- directly attached to another carbon atom, as one of the structural elements. Any related substance (including its salts and polymers) having a linear or branched perfluorooctyl group with the formula <math>C_8F_{17}</math>- as one of the structural elements.</li> <li>The following substances are excluded from this designation: <ul style="list-style-type: none"> <li><math>C_8F_{17}</math>-X where X = F, Cl or Br</li> <li><math>C_8F_{17}</math>-C(O)OH, <math>C_8F_{17}</math>-C(O)O-X' or <math>C_8F_{17}</math>-CF<sub>2</sub>-X' where X' = any group, including salts</li> </ul> </li> </ul>	
<b>Restriction Timeline</b>	<b>Threshold level</b>
<b>Effective date of the ban on the delivery: Jan 1, 2020</b> -Fabric & other applications (except below)	<ul style="list-style-type: none"> <li>No intentional addition of PFOA</li> <li>25 ppb of PFOA including its salts or 1000ppb (1ppm) of one or a combination of PFOA-related substances</li> </ul>
<b>Effective date of the ban on the delivery: Jan 1, 2021</b> -Latex printing inks	
<b>Effective date of the ban on the delivery: Jan 1, 2022</b> -Plasma nano-coatings	

Figure. The Restriction Timeline



Graph Remark

Logitech restrict to delivery | EU legislation enforcement

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