

October 27, 2020



Parker Hannifin Corporation
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Declaration of Compliance Regarding Regulation (1907/2006/EC) Concerning the Registration, Evaluation, Authorization and the Restriction of Chemicals (REACH)

REACH applies to substances manufactured or imported into the EU in quantities of one metric ton per year or more. REACH applies to all individual chemical substances on their own, in preparations or in articles (if the substance is intended to be released during normal and reasonably foreseeable conditions of use from an article). Parker FSC products are currently exempt from REACH registration based on the following:

Parker FSC's principal products sold are made from brass, steel, stainless steel, various plastics, and other metals. Some Parker FSC products also use O-ring seals made from Nitrile-Butadiene, Fluorocarbon, Neoprene or other similar substances.

Chapter 2, Article 3 (3) of the REACH regulation defines an article as an object which during production is given a special shape, surface or design which determines its function to a greater degree than its chemical composition. According to the REACH regulation, Parker FSC products are defined as **articles**.

The REACH regulation requires producers of articles to register regulated substances in their articles if a total of more than one metric ton of a particular substance is contained per year and per producer and the substance is expected to be released under normal and reasonably predictable usage conditions. **Parker FSC's products are not designed or anticipated to intentionally release regulated substances under normal conditions and are therefore exempted from the registration requirements.**

Additionally, as an exporter, **Parker FSC has neither the obligation nor the right to directly register substances contained in our products.**

The articles of the Fluid System Connectors Division do not contain any substance above the specified concentrations as defined in Article 57 and Annex XIV (including all amendments) and Article 67 and Annex XVII (including all amendments) and last updated June 25, 2020 (number of substances on the Candidate list 209) except the following:

- Connectors, valves, sensors and components machined from free cutting brass: lead up to 3.5%
- Lithium metal batteries used in our sensor products*

Parker's representations herein are solely based on the Material Data Sheets (MDS) and/or other declarations provided by Parker's suppliers. Parker has not chemically analyzed the products for any of the listed substances. Further, Parker's representations herein do not include disclosure of the existence of "impurities," defined for purposes of this certification as chemical substances that are unintentionally present with other chemical substances and are not present for the purpose of imparting or changing the characteristics of a material or product.

Since conditions of use are outside Parker's control, Parker makes no warranties, express or implied, and assumes no liability related to any use of this information.

Sincerely,


Harish Krishnaswamy
Engineering Manager

*The following products use lithium metal batteries which contain a Substance of Very High Concern, 1,2-Dimethoxyethane-Solvent, (Formula: $C_4H_{10}O_2$, CAS Number: 110-71-4, EINECS Number: 203-794-9) more than 0.1% of the individual component's weight.

- Wireless flow sensors:
 - RA68 xx FL (xx denotes 25, 40, 50, or 63)
 - RR63 xx FL (xx denotes L1, or L3)
- Wireless pressure, temperature, humidity and 4-20mA sensors:
 - SNPT2-1-2-4MP, SNPT2-10-2-4MP
 - SNT2-700-2-4MP, SNT2-0-2-FT
 - SNHT2-10-2-4MP
 - SN322-2
- Wireless power sensors:
 - SNC2-xxx-2 (xxx represents a 3 digit number from 050 to 600)
- Collection server:
 - SN-CSMT-x (x denotes 1, or 2)