



Parker Hannifin Corporation
Parker/Fluid Connector Group/Marketing-Sales
1300 North Freedom Street
Ravenna, OH 44266

Office 330 296 2871
Fax 330 298 8433

Subject: Registration, Evaluation, Authorization and the Restriction of Chemicals (REACH)

Document Number: ehs-PFD-24.0-REACH

Date: September 19, 2017

The Parflex Division of Parker Hannifin Corporation manufactures finished products, or “articles,” that by definition are exempted from European Union (EU) Regulation (EC) No. 1907/2006, known as “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 reasonable foreseeable conditions of use in an article). Parker Parflex Division products with the exception of the Parflex Spiral Guard (PSG) are currently exempt from REACH registration based on the following:

Parker PFD’s principal products sold are made from:

- Steel, stainless steel, brass and other metals
- Thermoplastic materials (Polyester, Nylon, Polyvinyl Chloride, Fluoropolymer, Polyurethane, Polyethylene, Polypropylene and proprietary compounds)

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 does its chemical composition. According to the REACH regulation, Parker 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 products are not designed or anticipated to intentionally release regulated substance under normal use conditions and are therefore exempted from the registration requirements.** Additionally, as an exporter, **Parker Parflex has neither the obligation nor the right to directly register substances contained in our products.**

As a supplier of articles, Parker is also obligated to inform our customers of Substances of Very High Concern (SVHC) included in the candidate list for Annex XIV contained within our products at a concentration exceeding the defined threshold limits. As of the date of this declaration, the only known SVHC’s contained in Parflex products at greater or equal to 0.1% are listed here:

<u>Product</u>	<u>Candidate SVHC</u>
U Series and HU Series Tubing Nycoil, Legris and NoMar urethane coils	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (CAS 25973-55-1)

Parflex’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.

Parker will continue monitoring the development of the candidate list SVHC and will comply with notification obligations as applicable.

Parflex, as a producer of articles meeting the criteria detailed above, certifies to be in compliance with the REACH regulation.

Due to the complexity required to accurately track, review and confirm this declaration, the Parker Parflex Division will update this document on an annual basis. All pending regulations or in process changes to chemical substance lists may not be reflected in this edition.

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. See additional precautions for selecting and using Parker Parflex Fluid Connector Products at: www.parker.com/safety.

ENGINEERING YOUR SUCCESS.