



Parker Hannifin Corporation
Parker/Fluid Connector Group/Marketing-Sales Department
North Freedom Street
Ravenna, OH 44266
Office 330 296 2871

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

Date: August 29, 2023

The Parflex Division of Parker Hannifin Corporation ("Parker Parflex") manufactures finished products, or "articles," that 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 reasonably foreseeable conditions of use in an article). Parker Parflex products, with the exception of the Parker Parflex products listed below, are currently exempt from REACH registration based on the following:

Parker Parflex principal products sold are made from:

- Steel, stainless steel, brass, copper, aluminum and other metals
- Thermoplastic materials (Polyester, Nylon, Polyvinyl Chloride, Fluoropolymer, Polyurethane, Polyethylene, Polypropylene and proprietary compounds)
- Thermoset materials (Polychloroprene, Acrylonitrile, Ethylene Propylene Diene Monomer, Silicone elastomers)

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 Parflex 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 Parflex 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 Parflex is also obligated to inform our customers of Substances of Very High Concern (SVHC) included in the candidate list (**235 substances**), annex XIV or annex XVII, 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 Parker Parflex products at greater or equal to 0.1% are listed here

<u>Product</u>	<u>Candidate SVHC</u>
D6R, HFSR, HFS, HR1CR, HR2CR, HR2C, HR3C, HTBR, HTB, R6, SLH and ZHFS Hose Series.	2-Imidazolidinethione (CAS 96-45-7)
Brass and plated steel fittings	Lead (CAS 7439-92-1)
NCW Series hose, NCB Series and 979BXT Series hoses	N,N-Dimethylacetamide DMAc (CAS 127-19-5)
919J, 919BJ, 929BJ Silicone covered PTFE Hoses	Octamethylcyclotetrasiloxane (CAS 556-67-2) Decamethylcyclopentasiloxane (CAS 541-02-6) Dodecameethylcyclohexasiloxane (CAS 540-97-6)

Parker Parflex representations herein are solely based on the Material Data Sheets (SDS/MSDS) and/or other declarations provided by Parker Parflex suppliers. Parker Parflex has not chemically analyzed the products for any of the listed substances. Further, Parker Parflex representations herein do not include disclosure of the existence of "impurities," defined for purposes of this declaration 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 Parflex will continue monitoring the development of the candidate list SVHC and will comply with notification obligations as applicable. Parker 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, Parker Parflex 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 of the control of Parker Parflex, Parker Parflex 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.