

Fluoropolymers Are Essential to American Industry



Critical to Resilient Supply Chains



In today's global economy, resilient supply chains are critical for American industry to ensure economic stability, promote technological innovation, and strengthen national security. Supply chains for many high-performance products rely on materials known as fluoropolymers, which are indispensable across a wide range of industries, including aerospace, automotive, electronics, telecommunications, energy development and distribution, and pharmaceuticals.

Fluoropolymers' unique properties – exceptional chemical resistance, thermal stability, low friction, and electrical insulation – make them critical to the performance and durability of modern components. Their reliability under extreme conditions helps reduce maintenance, extend product lifecycles, and minimize downtime. Fluoropolymers enable the complex production of semiconductors, protect sensitive electronics in harsh environments, and ensure the safe transport of corrosive chemicals. In clean energy, they are vital to hydrogen fuel cells, solar panels, and battery technologies.

Resilient supply chains are the backbone of a strong economy, and fluoropolymers are a critical component to help make that resilience possible.



Unsound Regulation of PFAS Jeopardizes Fluoropolymer Innovations

Broad-based Restrictions on PFAS

- Broad-based restrictions on PFAS could bring the manufacture of PFAS chemistries and the products that rely on them to a grinding halt in the United States, at the very moment production needs to increase to maintain U.S. competitiveness and protect our national security interests.
- All PFAS are not the same; regulations that would treat them as a single class contradicts the scientific consensus.
- **Instead, PFAS regulation should be strong, science-based and protective of human health and the environment, while avoiding potential harm to the supply chain.**

- American manufacturers must be assured they will have access to critical chemistries needed to innovate and compete globally while chemical manufacturers need to have the regulatory certainty to be able to support their customers.
- Regulatory uncertainty created by an overly broad approach to PFAS regulation could distort the playing field, incentivize product sourcing from outside the United States for critical industry sectors, and drive up prices for American industry and consumers.
- This directly contradicts the Administration's objectives of enhancing U.S. supply chain resiliency and strengthening environmental protection.

THERE IS A PATH FORWARD WHERE WE CAN PROPERLY REGULATE PFAS CHEMISTRIES WITHOUT DAMAGING THE RESILIENCY OF AMERICA'S SUPPLY CHAINS.

- Smart regulation and a consistent approach throughout federal and state governments can simultaneously address concerns about potential health and environmental risk, while also allowing a robust supply of industrially vital PFAS chemistries and the critical products that rely on them.

For more information on PFAS, visit AmericanChemistry.com/PFAS.

