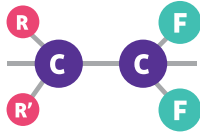


The Facts on Fluoropolymers: The evolving PFAS regulatory landscape.

Per- and Polyfluoroalkyl Substances

PVDF, FEVE, ETFE, PTFE, ECTFE, and thousands more

**PFAS
Polymers**

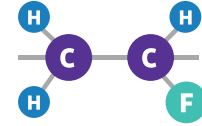


R, R' = H, F, or C

OR

Polyvinyl Fluoride

PVF



Provides long-lasting finish surface protection

Contains no fully-fluorinated carbons

Not included in proposed ECHA PFAS restriction list



"PFASs are defined as fluorinated substances that contain at least one fully fluorinated methyl or methylene carbon atom (without any H/Cl/Br/I atom attached to it), i.e. with a few noted exceptions, any chemical with at least a perfluorinated methyl group (-CF₃) or a perfluorinated methylene group (-CF₂-) is a PFAS."

Quote from OECD PFAS Review



Areas with PFAS Restrictions (Proposed & Law)



Examples of Impacted Industries:

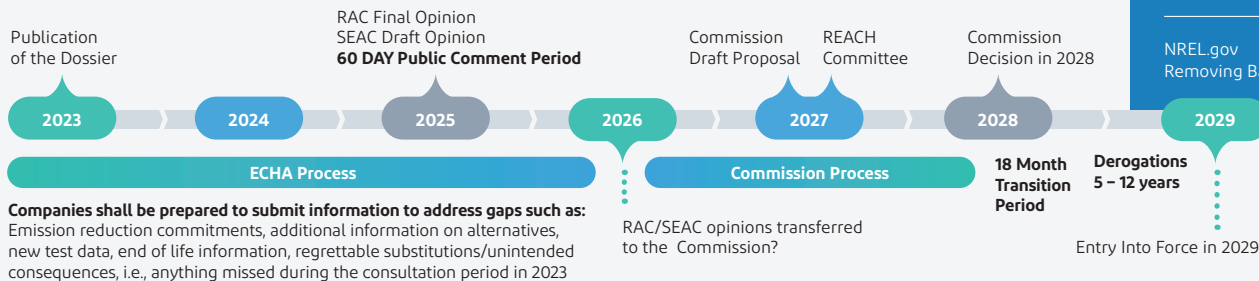
- Building & Construction
- Paint & Coatings
- Transportation
- Consumer Goods

"Polyvinyl fluoride (PVF) is a partial fluorinated fluoropolymer and not a PFAS...could be a viable alternative fluoropolymer to polymeric PFAS for certain applications..."

Quote from Published ECHA Restriction Proposal, Annex C



EU Substance Restriction Timeline:



"[options include] Tedlar, a weather-resistant polymer that is not a PFAS compound itself and makes no use of PFAS during its manufacturing process."

NREL.gov
Removing Barriers to 100% Renewables



What's the alternative to PFAS? DuPont™ Tedlar®

DuPont™ Tedlar® film and coatings are made using polyvinyl fluoride (PVF) resin, which is specifically cited by ECHA as a non-PFAS fluoropolymer. PVF does not contain any fully-fluorinated carbons, nor is it made with fluorinated surfactants, and thus is not a PFAS according to EPA, US States, ECHA, OCED, etc.

