

Case Example – ABC Wire and Cable

Overview

- Operations include:
 - Wire drawing
 - Extruding insulation and jacketing onto wire
 - Bundling Cat 6 fiberoptic cable
- File under TURA for 20 yrs, currently for antimony compounds
- Getting questions from customers about PFAS in products
- Evaluated use of TURA Certain PFAS NOL for 2022 TURA reporting, but just under 25K lb reporting threshold

Facility-Wide Characterization

- Insulation and jacketing – resin extrusion
 - PTFE – 2 different compounded resins
 - PVDF
 - Fluorinated polymer processing aids for PVC and PE resins – purchase compounded resins that include 300 ppm PPA
- Wire drawing and equipment lubricants
 - PFPEs
- Cat 6 cable splines
 - PTFE articles (include in cable, only cut them, don't process them) (insert image)
- Ink-jet Printing inks
 - Think they have PFAS, but not on SDS and can't get answer from supplier
- R&D
 - New materials for wind energy customers

Facility-Wide Characterization Summary

Operation	Chemical	TURA Certain PFAS NOL	Otherwise listed on TURA	2023 Use (lb)	Reportable use/process	Opportunities (selected for plan focus marked in red)
Insulation and jacketing	PTFE	Yes	No	22,000	Yes, extrusion	Long-term evaluation due to multi-year customer contract
	PVDF	No	No	200,000	Yes, extrusion	Long-term evaluation
Polymer processing aid	HFP/VDF/TFE co-polymer	Yes	No	6000	Yes, extrusion but de minimis exemption <1%	Working with suppliers to evaluate non-fluorinated processing aids
Wire drawing lubricants	PFPE	Yes	No	600	Yes, processing	Other lubricants available, start gathering information from suppliers
Cable splines	PTFE	Yes	No		No - article	
Printing inks	?				Yes, processing	Keep researching
R&D	DfE for new product lines				0 No – R&D	Evaluate non-PFAS materials
Total reportable use				P: 22,000 O/U: 600		