

# Facility-wide use characterization activity

## Where do you expect to find PFAS?

1. Select a breakout group based on your industry sector – consultants please choose a sector you work with often.
2. Review list of operations and products potentially using PFAS (see below).
3. Discuss which uses are relevant to your facilities, or ones you work with.
4. Breakout Discussion:
  - What additional uses do you know, or suspect, might be applicable?
  - Each breakout group should come back with 3-5 uses they anticipate would most likely be present
  - Identify highest priority uses
5. Select a recorder to paste your answers into the chat

## Operations where you might find PFAS

- Coatings
  - Paints, coatings, textile DWR coatings, leather and synthetic leather coatings, powder coatings, PTFE and other fluorinated coatings for metals, glass coatings
  - Printing inks
  - Stain-resistant or water-resistant aftermarket coatings
- Lubricants and greases
  - PFPEs (perfluoropolyethers), PTFE, etc.
- Sealants and adhesives
- Refrigerants and coolants (HFCs, HFOs), heat transfer fluids
- Fire suppression
- Chemical formulations with surfactants included
  - Personal care products
  - Penetrating sealers, concrete and tile sealers
  - Anti-foaming agents
  - Waxes, polishes, windshield washer fluid, automotive products
- Solvents, degreasing and parts cleaning (HFE's, ionic liquids)
- Plastics compounding – fluorinated resins and processing aids, flame retardants
- Plastics extrusion, blow molding, etc.
  - Wire and cable insulation and jacketing
  - Tubing, medical devices, etc.
  - Processing aids
  - Blowing/foaming agents
  - Containers using fluorinated resins or processed with fluorine after manufacture
  - Membranes – e.g., separation membranes
- Rubbers, elastomers
- Electronics, integrated circuits and semiconductors

- Plating and surface finishing, metal parts (see separate survey)
- Paper coating and impregnation (see separate survey)
  - Food packaging
- Pharmaceutical and biotech
- Processes using recycled feedstock material that may contain PFAS
- Separation processes, filtration (membranes and separation equipment)
- Medical devices and products, anesthetics

## Articles

- Building materials
  - Stone, concrete and tile sealers
  - Floor coverings, carpet, laminate, etc.
- Floor waxes and polishes
- PTFE (Teflon) tape
- Tubing, plastic equipment, lab supplies made from fluorinated plastics
- Analytical equipment – tubing, instruments
- PPE with DWR coatings
- Energy systems: Batteries, solar cells
- Non-stick corrosion resistant coated cookware and equipment