What will be assessed?

- PFAS Base-case
- Alternative process treatments providing OGR properties
- Polymers (barrier coatings and base materials)
- Functional additives (e.g. sizing agents, dispersants, etc.)
- Degradation products
- Monomers >0.01%
- Byproducts >0.01%
- Base materials consisting of paper, paperboard, plant-based pulp, and aluminum are assumed to be low concern and **will not** undergo Level 2 Hazard Assessment
How will it be assessed?

• Tiered approach:
  • GreenScreen® List Translator scores of LT-1
    • High concern and **will not** undergo Level 2 Hazard Assessment
  • Substances on the U.S. EPA Safer Chemical Ingredients List (SCIL) (Green Circle only)
    • Low concern and **will not** undergo Level 2 Hazard Assessment
  • Substances not meeting the above will undergo Level 2 Hazard Assessment
# Level 2 Hazard Assessment Methodology

<table>
<thead>
<tr>
<th>IC2 Hazard Assessment Level 2 Endpoints</th>
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<tbody>
<tr>
<td><strong>Human Health</strong></td>
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<td><strong>Ecological</strong></td>
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<td><strong>Environmental Fate</strong></td>
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<tr>
<td><strong>Physical</strong>*</td>
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</table>

*Corresponding to GHS hazards for explosives, self-reactive substances, substances which on contact with water emit flammable gases, oxidizing gases, oxidizing liquids & solids, organic peroxides, self-heating substances, and substances corrosive to metal.

**DfE AA Criteria v2.0** *(discrete substance and polymers MW<1000; polymers MW>1000 supplemented with SF Polymer Guidance)*

Endpoints are categorized as:
- Very High
- High
- Moderate
- Low
- Very Low
Hazard Assessment Decision Rules

**High Concern (Red):**
- H or VH (CMR)
  - Carcinogenicity
  - Reproductive toxicity
  - Developmental toxicity (including developmental neurotoxicity)
  - Genotoxicity
  - H or VH Acute toxicity, repeat dose toxicity, or neurotoxicity
  - H – Endocrine activity
  - VH Aquatic toxicity
  - VH/H Persistence AND VH/H Bioaccumulation AND VH/Aquatic toxicity
  - VH Bioaccumulation AND VH Toxicity
  - VH or H Physical hazard

**Moderate Concern (Orange):**
- M (CMR)
  - Carcinogenicity
  - Reproductive toxicity
  - Developmental toxicity (including developmental neurotoxicity)
  - Genotoxicity
  - M or L Acute toxicity, repeat dose toxicity, or neurotoxicity
  - M – Endocrine activity
  - H Aquatic toxicity AND M Persistence
  - M Aquatic toxicity AND M Persistence
  - M or L Aquatic toxicity AND M Persistence
  - VH Bioaccumulation AND VH Toxicity
  - M Physical hazard

**Low Concern (Green):**
- L (CMR)
  - Carcinogenicity
  - Reproductive toxicity
  - Developmental toxicity (including developmental neurotoxicity)
  - Genotoxicity
  - L - Acute toxicity, repeat dose toxicity, or neurotoxicity
  - Low – Endocrine activity
  - H Aquatic toxicity AND VL/L Persistence
  - M Aquatic toxicity AND VL/L Persistence
  - M or L Aquatic toxicity AND VL/L Persistence
  - L Bioaccumulation
  - L Physical hazard
Data Needs

• See Draft Hazard Assessment Methodology document, Section 4

• A stakeholder template covering the hazard and exposure data needs that can aid in the data sharing is under development. Please stay tuned!