Participate in 2016 Chemical Footprint Survey

Chemical Footprint Project Webinar
October 13, 2016
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Questions?

- Post your question to the Questions pane in your Control Panel
- Presentation and recording will be available at chemicalfootprint.org
CFP Survey: Overview

- Why CFP
- Who is CFP
- What is CFP
- CFP Survey 2016 – the details
"You can’t manage what you don’t measure."
a project of Clean Production Action
$2.3 trillion in assets under management

$80 billion in purchasing power

Benefits to Signatories

a project of Clean Production Action
Participants in the 1st Annual Chemical Footprint Project Survey

Becton Dickinson & Co.
Beautycounter
California Baby
Clorox Company
Construction Specialties, Inc.
Forms+Surfaces
GOJO Industries, Inc.
Hanseatic Bedding Products, Inc.
Humanscale Corporation
Interface, Inc.
Jasper Group
Johnson & Johnson
Kimball International, Inc.
KYOCERA Corporation
Levi Strauss & Co.
Radio Flyer, Inc.
Seagate Technology, PLC
Sealed Air Corporation
Shaw Industries Group, Inc.
Standard Textile Company, Inc.
SYSCO Corporation
WaterWipes (a division of Irish Breeze Ltd)
Annual Survey
20 Questions - 100 pts

Managemen t Strategy
Chemical Inventory
Footprint Measurement
Public Disclosure

a project of Clean Production Action
Annual Survey
20 Questions - 100 pts

Management Strategy
Chemical Inventory
Footprint Measurement
Public Disclosure

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Why focus on Management Strategy?
MANAGEMENT STRATEGY INDICATORS (20 points)

Corporate Policies
M1. Creating a policy that aims to avoid chemicals of high concern (CoHCs)
M2. Including a preference for the use of safer alternatives

Corporate Integration and Accountability
M3. Integrating chemicals policies into business strategy
M5. Ensuring accountability for implementation of chemicals policies

External advocacy
M4. Advocating for initiatives that promote the use of safer chemicals
Chemicals of High Concern (CoHCs)

- carcinogen, mutagen, or reproductive toxicant (CMR)
- persistent, bioaccumulative and toxic substance (PBT)
- any other chemical for which there is scientific evidence of probable serious effects to human health or the environment that give rise to an equivalent level of concern
- a chemical whose breakdown products result in a CoHC that meets any of the above criteria

- CFP 2016 CoHC List
Safer Alternative Definition

- A chemical that due to its inherent chemical and physical properties exhibits a lower propensity to persist in the environment, accumulate in organisms, and induce adverse effects in humans or animals than chemicals in current use
  - Must deliver needed function
  - In some cases, process or product redesign may eliminate need for chemical
Corporate Policy – M1 and M2

M1  *Does your company have a chemicals policy that aims to avoid CoHCs?*

M2  *Does your company have a chemicals policy that in addition to avoiding CoHCs includes an explicit preference for the use of safer alternatives?*

**SCOPE of these policies: products, manufacturing, supply chain, packaging**

Publicly available?
CFP Results 2015: Policies focus on Chemicals in Products

**Figure 6** Management Strategy: Number of Companies with Corporate Chemical Policies (Indicators M1 and M2)

- Products: 67% (M1), 88% (M2)
- Manufacturing: 54% (M1), 79% (M2)
- Supply Chains: 42% (M1), 54% (M2)
- Packaging: 25% (M1), 46% (M2)

M1: CoHC Policy
M2: Safer Alternatives Policy
Elements of more Comprehensive Policies

- Active and ongoing evaluation of ingredients
- Details on applicability, scope, and actions to be taken
- Purchasing, product stewardship
- Preference for safer alternatives is specified
Corporate Integration and Accountability

M3. Is reducing CoHCs and/or advancing safer alternatives beyond regulatory requirements integrated into your company’s business strategy?

M5. What means of accountability does your company have in place to ensure implementation of your chemicals policy?
Beautycounter: Example of Integration into Business Strategy

• **Key elements of strategy:**
  – *Ban intentionally*
  – *Screen rigorously*
  – *Learn constantly*
  – *Source responsibly*
  – *Share transparently*
Key Elements of Accountability

- Explicit support
- Metrics
- Regular reporting
- Cross-functional teams
- Active engagement and questioning
Annual Survey
20 Questions - 100 pts

a project of Clean Production Action
• How do you manage legally restricted CoHCs

• What actions do you take to develop a beyond RSL

• What data do you request from suppliers

• What % of products do you have chemical ingredient info?

• What capabilities do you have for managing data?
Key Terms

**Legally Restricted Substances List (“Legal RSL”):** Chemicals that are currently restricted or banned in finished products because of a regulation or law anywhere in the world.

**Beyond Legally Restricted Substances List (“Beyond Legal RSL”):** Hazardous chemicals identified by a company for management, reduction, elimination, or avoidance beyond legal requirements. Substances on a “Beyond Legal RSL” are not legally restricted in any jurisdiction globally for the products relevant to the Responder.
I1. What steps has your company taken to manage legally restricted CoHCs? (5 points)

- a. has a Legally Restricted Substances List
- b. delineates requirements for complying with our Legally Restricted Substances List in contracts with suppliers
- c. trains suppliers about how to comply with our Legally Restricted Substances List
- d. Updates list at minimum on an annual basis

I2. What actions does your company take to develop a Beyond Restricted Substances List and determine their presence in your products? (5 points)

- a. reviews chemical hazard information to identify chemicals of concern beyond our Legally Restricted Substances List
- b. engages external stakeholders in developing of our Beyond Restricted Substances List
- c. collects data on chemicals and evaluates against our Beyond Restricted Substances List
I3. What chemical information does your company collect from suppliers? (5 points)

a. Legally Restricted Substances List
b. chemical information as delineated in Beyond Restricted Substances List
c. chemical information on the EU’s list of Candidate Substances of Very High Concern
d. Suppliers provide full chemical ingredient information

Retailer examples – Target, Walmart
I4. For what percentage of products sold by your company do you collect chemical Ingredient Information? (5 points)

Full Chemical Ingredient Information:
• For formulated products:
  100% of the intentionally added substances by mass and any impurities that are both a CoHC and present at 100 parts per million (ppm) or higher in the formulation.

• For articles, at the level of homogeneous material:
  95% of the intentionally added substances by mass and any impurities that are both a CoHC and present at 1,000 ppm or higher.
15. What capabilities does your company have for managing data on chemical ingredients in its products? In your documentation, please include a description of your data system. (5 points)

a. Internal point(s) of contact or outside contractor
b. data system to manage an inventory of chemicals in products
c. data system that links our inventory of chemicals in products to chemical hazard information
d. data system for generating reports on chemical/material ingredient declarations to customers

Example: Seagate Technology
FOOTPRINT MEASUREMENT INDICATORS (30 points)

Measurement
F1. Setting goals for measuring CoHCs and measuring progress
F2. Measuring baseline chemical footprint
F3. Measuring reduced use of CoHCs

Safer alternatives
F4. Assessing the hazards of chemicals
F5. Encouraging the use of safer alternatives
Why Footprint Measurement?

• Quantitative metrics
• Key to internal and external communication
• Understand if/where CoHCs are in products
• Identify opportunities for moving to safer alternatives
Measurement: F1, F2, F3

F1. Setting goals for reducing CoHCs and measuring progress
F2. Measuring baseline chemical footprint
F3. Measuring reduced use of CoHCs

Example: BD, GOJO Industries
Chemical Footprint: *the total mass of chemicals of high concern (CoHCs) in products sold by a company, used in its manufacturing operations and by its suppliers, and contained in packaging.*
Footprint Measurement

- Chemicals in products (not manufacturing, supply chains, or packaging)
- Report mass and/or count of CoHCs
- Two reference list options:
  - CFP 2016 CoHC List (~2,200 chemicals)
  - EU REACH Candidate SVHC List (169 chemicals)
Footprint challenges

- New metric
- Depends on robust inventory
- On ramp option designed to enable more companies to calculate
Safer alternatives: F4, F5

F4 How does your company assess the hazards of chemicals in its products beyond regulatory requirements?

F5 How does your company encourage the use of safer alternatives?

Examples: Nike, ZDHC
Public Disclosure and Verification

Chemical Inventory

Management Strategy

Footprint Measurement

Public Disclosure

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PUBLIC DISCLOSURE & VERIFICATION INDICATORS
(20 points)

Disclosure
D1. Disclosing chemicals in products to the public
D2. Disclosing CFP Survey responses
D3. Disclosing CFP Survey score

Verification
D4. Providing third party verification of responses
D1. What information beyond legal requirements does your company disclose about the chemical ingredients in its products? (8 points)

Response Options

Response options for D1 are divided into two parts: D1.a. for formulated products and D1.b. for articles. Answer all that apply.

D1.a. Enter the percentages for all that apply. For formulated products, our company publicly discloses:

i. chemical identity beyond legal requirements for _____ percentage of sales at the SKU level

ii. all intentionally added chemicals with the exception of fragrances (for which our company provides a separate list distinct from the SKU) for _____ percentage of sales at the SKU level

iii. all intentionally added chemicals including fragrances, flavors, and preservatives in products for _____ percentage of sales at the SKU level

iv. N/A. We do not sell formulated products.
D1. What information beyond legal requirements does your company disclose about the chemical ingredients in its products? (8 points)

Response Options

Response options for D1 are divided into two parts: D1.a. for formulated products and D1.b. for articles. Answer all that apply.

D1.b. Enter the percentages for all that apply. For articles, our company publicly discloses:

i. generic material content for 95% by mass of chemicals in products for _____ percentage of sales or spend at the SKU level

ii. at a minimum, chemicals on the EU’s Candidate SVHC List in products for ____ percent of sales or spend at the SKU level

iii. chemical identity for 95% by mass of chemicals in products for ____ percentage of sales or spend (e.g., Health Product Declaration)

iv. our products do not contain CoHCs

v. N/A. We do not sell articles

Material Content of the Product

<table>
<thead>
<tr>
<th>Layer</th>
<th>Component</th>
<th>Material (CAS#)</th>
<th>Availability</th>
<th>Mass %</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wear</td>
<td>Face Cloth/Yarn</td>
<td>Nylon 6 Post Industrial Recycled (25038-54-4)</td>
<td>Recycled material, abundant</td>
<td>8.6%</td>
<td>US</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nylon 6 Post Consumer Recycled (25038-54-4)</td>
<td>Recycled material, abundant</td>
<td>8.6%</td>
<td>US</td>
</tr>
<tr>
<td>Carrier</td>
<td>Tufting Primary</td>
<td>Polyester (25038-59-9)</td>
<td>Fossil resource, limited</td>
<td>2.5%</td>
<td>US</td>
</tr>
</tbody>
</table>

Interface, Inc.: 99% of products globally have an EPD.
The CFP measures overall chemicals management performance by evaluating how companies answer questions in the following categories of:

**Management Strategy:** the scope of corporate chemical policies and their integration into business strategy, accountability, and employees’ incentives for safer chemical use, as well as support of public policies for safer chemicals.

**Chemical Inventory:** a company’s level of knowledge about the chemicals used by its suppliers in products, components, and manufacturing processes, and its systems for managing chemical data and ensuring supplier compliance with its reporting requirements.

**Footprint Measurement:** the goals set to reduce chemicals of high concern, progress in establishing a baseline corporate Chemical Footprint and reducing chemicals of high concern, and the degree to which alternatives are assessed, identified and implemented.
Timeline

December 6, 2016: workshop – San Francisco
September 12, 2016: online Survey launched
January 31, 2017: online Survey closed
Q2 2017: release CFP Annual Report

Be a Signatory
Engage as a Responder

chemicalfootprint.org
THANK YOU!

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