

BizNGO 2021 Annual Meeting

Transparency & Justice Rising



Thank you Sponsors!



About BizNGO

BizNGO is a collaborative network of business, environmental, and government leaders working together to promote safer chemicals and sustainable materials in marketplaces to advance to a healthy economy, healthy environment, and healthy people.

Our workgroups:

1. DEI / Environmental Justice
2. Chemicals Management
3. Hazard Assessment
4. Public Policy

Join BizNGO workgroups at www.bizngo.org/get-involved/join-bizngo



16th Annual Meeting Overview

University of California Berkeley Greener Solutions Posters (Dec. 6 @ 5-6:30pm EST)

1. Addressing Environmental Justice Through Chemicals Management (Dec. 7 @ 11am-2pm EST)

2. Transparency: Disclosing Chemicals in Products & Supply Chains (Dec. 7 @ 3-6pm EST)

3. Safer Chemicals in Manufacturing (Dec. 8 @ 11am-12:30pm EST)

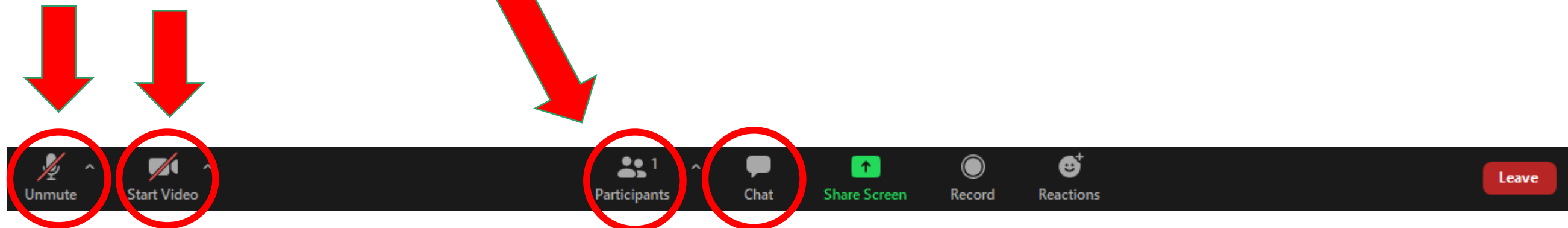
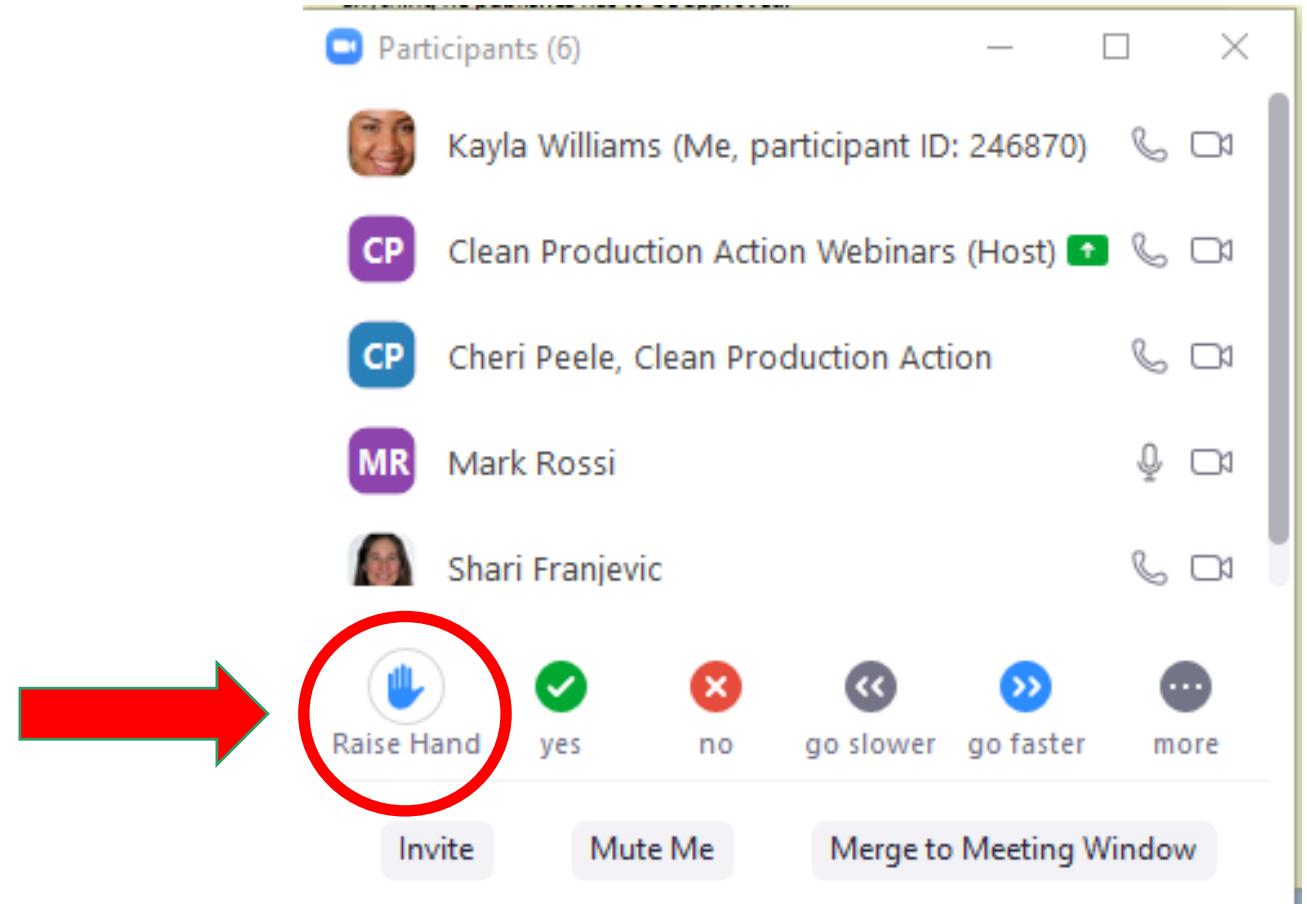
4. Standards, Indexes, & Purchasers Tracking Corporate Progress to Safer Chemicals (Dec. 8 @ 1:30-3pm EST)

5. Circularity & Toxics: Bringing Chemical Safety to Closed Loop Systems (Dec. 8 @ 4-5:30pm EST)



Zoom Protocol

- Enter participant ID if calling in
- Rename yourself to include your organization
- Raise hand to speak
- Chat for questions/comments
- Mute yourself
- Feel free to show video
- Only presentations recorded



Chatham House Rule



Participants are free to use the information received, but neither the identity nor the affiliation of the speaker(s), nor that of any other participant, may be revealed; unless approved by the participant

Session 2

Transparency: Disclosing Chemicals in Products & Supply Chains

Session 2a. Implementing the Principles for Chemical Ingredient Disclosure (3:00-4:15pm EST)

Session 2b: Growing Supply Chain Transparency—featuring the innovative Cosmetic Supply Chain Transparency Act (4:40-6:00pm EST)



Session 2 – Outcomes

- Learn and share:
 - aspirations for chemical ingredient disclosure,
 - efforts to implement transparency in policy, and
 - steps businesses are taking towards disclosure, including supply chain disclosure.
- Highlight interconnections between transparency and environmental justice.
- Identify priorities for action and collaboration.

Speakers



**Mark S. Rossi,
Executive Director,
Clean Production Action**



**Avinash Kar,
Senior Attorney & Interim
Senior Director, Health & Food,
Natural Resources
Defense Council**



**Jon Smieja,
Corporate Sustainability
Manager,
Andersen Corporation**



For bios: <https://www.bizngo.org/conference/2021-speakers>



Session 2a Agenda

3:00 Presentations

3:30 Q&A

3:40 Small groups

4:05 Report backs & wrap up

4:15 Adjourn

Principles for Chemical Ingredient Transparency

Mark S. Rossi,
Executive Director,
Clean Production Action



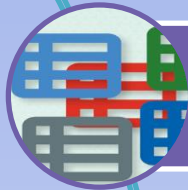
Can businesses, governments, and NGOs align to a proactive vision of transparency?



Principles for Chemical Ingredient Disclosure



1. Disclose all intentionally added chemical ingredients



2. Disclose nonfunctional constituents on specified lists of chemicals of concern



3. Proactively engage supply chains and interested stakeholders



4. Advocate for filling data gaps to characterize the hazards of chemicals



5. Make accurate chemical ingredient information easily accessible



6. Support public policies and industry standards that advance the above Principles

Principles for Chemical Ingredient Disclosure – Preamble



All stakeholders have a **fundamental right to know the chemicals in products and the functions of those chemicals**

Disclosure is ...

the sharing of chemical ingredient information with the **public and across supply chains.**

critical to promoting the use of safer chemicals and products.

Signatories to these Principles **recognize the need to protect confidential business information (CBI) in limited situations when protection of the information is justified and substantiated.**

#1 Disclose all intentionally added chemical ingredients.

Disclosure comprises identity of the chemical ingredient, including name(s), **CAS registry number**, **function**, **presence on specified lists of chemicals of concern**, and **other chemical hazard characteristics** of the ingredient.

Chemicals of concern ... are not confidential business information.



#2 Disclose nonfunctional constituents that are identified on specified lists of chemicals of concern. This is a general principle to which Signatories agree, though they may hold differing positions on the **thresholds** for disclosure.

Nonfunctional constituent: a chemical that has no functional or technical effect on the designated product and is present as an incidental component of an intentionally added ingredient, a breakdown product of an intentionally added ingredient, or a byproduct of the manufacturing process

Specified “list of chemicals of concern” include:

- California Cleaning Product Right to Know Act of 2017 (SB 258) Designated List or California Cosmetic Fragrance and Flavor Right to Know Act (SB 312)
- ChemSec SIN List
- GreenScreen List Translator LT-1 and Benchmark 1 chemicals
- New York State Lists of Chemicals of Concern.



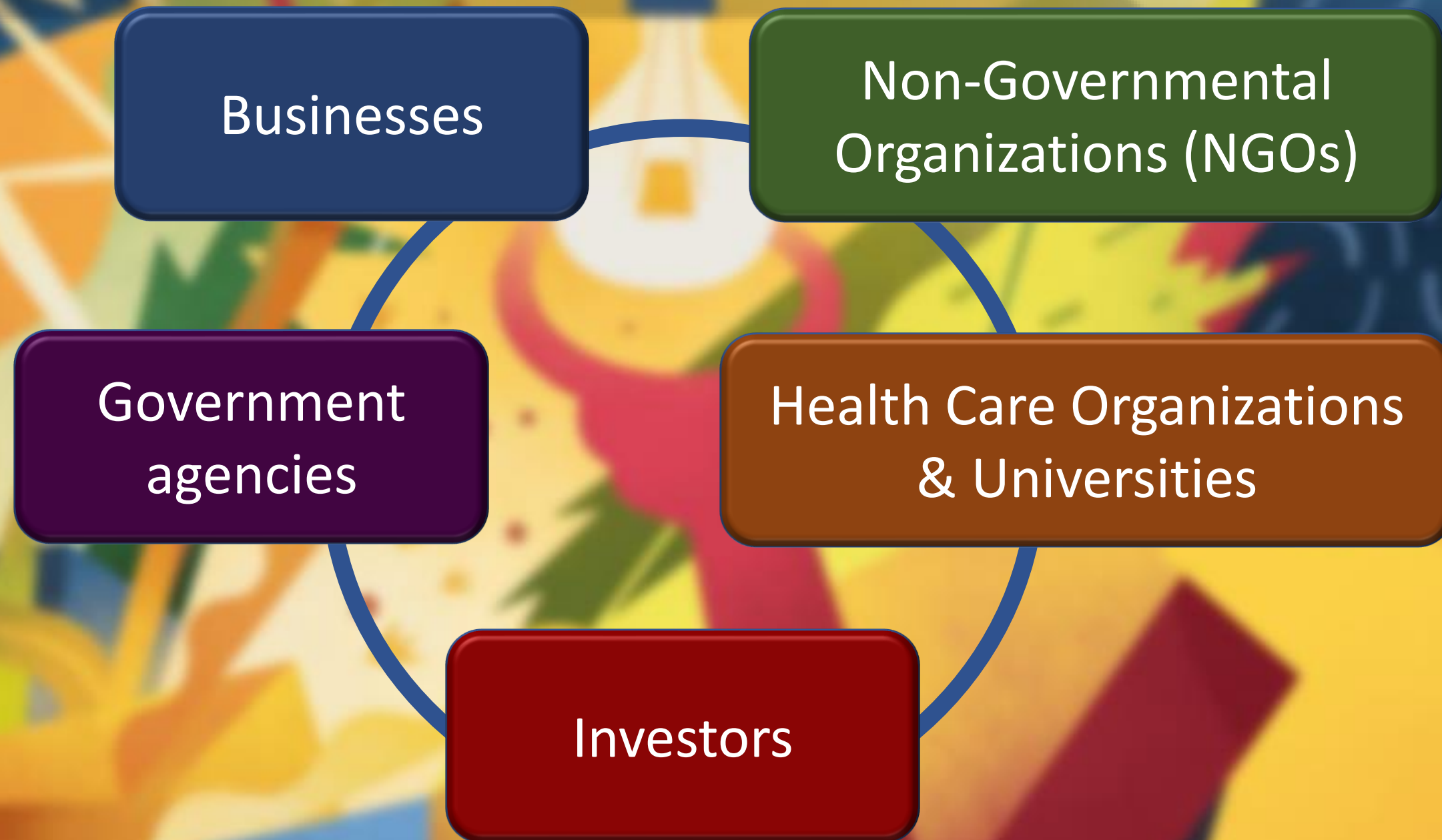
#3 Proactively engage supply chains and interested stakeholders—including governments, investors, and non-governmental organizations (NGOs)—to increase full chemical ingredient information disclosure. Manufacturers and retailers need reliable documentation to trace chemical information along supply chains.

#4 Advocate for filling data gaps to characterize the hazards of chemicals.

#5 Make accurate chemical ingredient information easily accessible to consumers, government agencies, manufacturers, brands, retailers, and others in the supply chain.

#6 Support public policies and industry standards that advance the above Principles.

Endorsing Organizations



126 Endorsing Organizations

- **39 Businesses**
 - Household & Personal Product companies including ...
 - Credo, Seventh Generation, Reckitt Benckiser - US Hygiene
 - Building Product companies including ...
 - Andersen Windows, Humanscale, HNI Corp, HMTX, Naturepedic
- **41 NGOs** from U.S. and Europe including BCPP, CHNY, CPA, IC2, NRDC, WVE, and many others
- **12 Governments** including agencies in CA, MA, MN, OR, WA
- **27 Investors** representing \$500 billion in assets under management
- **Health care organizations representing over \$100 billion in purchasing power** with Hackensack Meridian Health and Vizient

Endorse at:

<https://www.bizngo.org/public-policies/principles-for-chemical-ingredient-disclosure>

Endorsing Organizations

Businesses

100% PURE
Alaska Glacial Essentials Skincare
American Sustainable Business Council
Andersen Corporation
Beautycounter
Bedrock Sandals
Brand Geek
Clear Consumption LLC
Clearya
Credo
Dirty Labs Inc.
Earth Mama Organics
Eighty2degrees LLC
Elavo Mundo Solutions, LLC
HAN Cosmetics
HMTX Industries
HNI Corp
Humanscale
Industrial Louvers, Inc.
Innersense Organic Beauty
Intelligent I-N
Juice Beauty, Inc.
Just the Goods
McFadden and Associates, LLC
Mellora Cleaning Products
Milliken & Company
NakedPoppy
Natracare LLC
Naturepedic Organic Mattresses & Bedding
OSEA
PRIMA
Pure Strategies
Reckitt Benckiser LLC - US Hygiene
Repurpose
Seventh Generation
Sprout San Francisco
The Holistic Health Co.

Governments, Health Care

Organizations & Universities

California Department of Toxic Substances Control
City of Los Angeles
City of San Francisco Department of Environment
Hackensack Meridian Health
King County Hazardous Waste Management Program
Lowell Center for Sustainable Production
Massachusetts Toxics Use Reduction Institute
Minnesota Department of Health
Minnesota Pollution Control Agency
Oregon Department of Environmental Quality
Oregon Health Authority
Tabriz University of Medical Sciences and Health Services
Technical University of Denmark

Investors

Adrian Dominican Sisters, Portfolio Advisory Board
Arjuna Capital
Aviva Investors
Boston Common Asset Management
Boston Trust Walden
Clean Yield Asset Management
Congregation of St. Joseph
Daughters of Charity, Province of St. Louise
Domini Impact Investments LLC
Everence and the Praxis Mutual Funds
Figure 8 Investment Strategies
First Affirmative Financial Network
Harrington Investments, Inc.
Impax Asset Management LLC
Interfaith Center for Corporate Responsibility
Mercy Investment Services, Inc.
Natural Investments
NorthStar Asset Management, Inc.
Parnassus Investments
Safer Made Ventures
Signity Financial
Sisters of St. Francis of Philadelphia
Sonen Capital
The Sustainability Group of Loring, Wolcott & Coolidge
Trillium Asset Management
Trinity Health
Vanity Investment Management
Zevin Asset Management

NGOs

Alaska Community Action on Toxics
Arnika - Toxics and Waste Programme
As You Sow
Breast Cancer Prevention Partners
Center for Environmental Health
ChemFORWARD
Citizen Environmental Coalition
Clean and Healthy New York
Clean Production Action
Clean Water Action / Clean Water Fund
ClientEarth
Climate Action Now Western Massachusetts
Coming Clean
Cradle to Cradle Products Innovation Institute
Defend Our Health
Earthjustice
Ecology Center
Environmental Defense Fund
Friends of the Earth
Green Angel Training
Green Science Policy Institute
Healthy Babies Bright Futures
Healthy Schools Network
International Campaign for Responsible Technology (ICRT)

Disclosure Principles and Policy

Avinash Kar

Senior Attorney & Interim Senior Director, Health & Food

Natural Resources Defense Council



Objective of
Policy
Initiatives

Informed consumers that
can protect themselves
and their families

Products that are safer
for people and the
environment

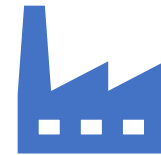
Why Disclosure Matters



Consumers can make more informed decisions



Incentives for better products and an even playing field for companies that are trying to do the right thing



Reformulation/changes to avoid problem chemicals, resulting in safer products with fewer dangerous chemicals



Having information about the components of products allows regulators to take targeted action on problem chemicals when necessary

Disclosure and Policy



These disclosure principles have their roots in policy

Cleaning product disclosure law in California and disclosure guidance in New York



Disclosure is an important component of multiple recent bills/laws. Trend likely to accelerate/expand:

AB 1200 (CA): disclosure for cookware

SB 312 (CA): reporting of cosmetics ingredients

Toxic Chemicals in Children's Products law (NY): creates structure for disclosing the presence of various chemicals in children's products

NY Family and Fire Fighter Protection Act (bill): requires reporting of flame retardants used in the stands and enclosures of electronic displays

Maine PFAS law: requires reporting of PFAS in products coming into the state

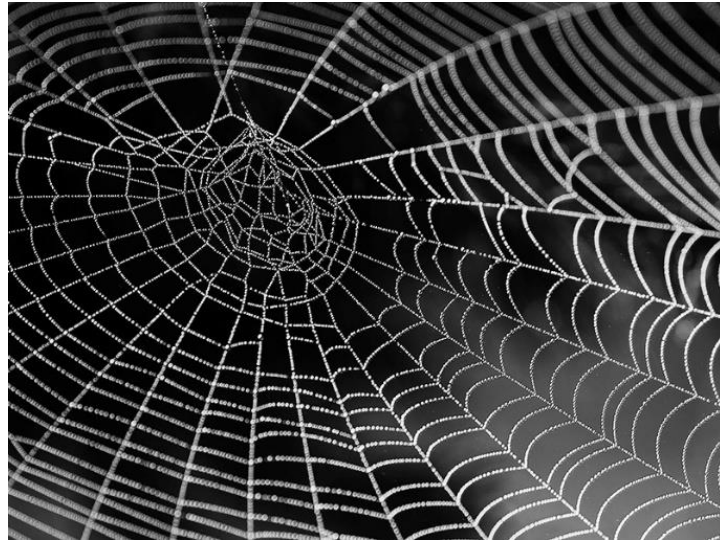
Disclosure principles in the manufacturing space

Jon Smieja, PhD

Corporate Sustainability Manager

Andersen Windows & Doors

Implementing the principles at the business scale



- Dozens of suppliers
- Even more sub-tier suppliers (that have the chemistry info)
- Very difficult (in some cases) to determine what exists in our products vs. what goes in (reactive chemistries, residuals, etc.)



- All those suppliers are very busy, all the time
- The fact that many/most of them don't have the information puts them in an awkward position
- This is absolutely not their priority



- Let's be clear, this work is near the top of a business' hierarchy of needs
- There's a bit of tension between the need to be transparent and the need to make money

The importance of "standards"

Andersen® E-Series Casement/Awning Window by Andersen Corporation

Health Product Declaration v2.1
created via: HPDC Online Builder

CLASSIFICATION: 08 52 13
PRODUCT DESCRIPTION: Custom colors, dramatic sizes, dynamic shapes, exotic woods and more. Every Andersen® E-Series window becomes a design opportunity, giving you the freedom to custom-create the home of your dreams.

Section 1: Summary **Basic Method / Product Threshold**

CONTENT INVENTORY

Inventory Reporting Format	Threshold level	Residuals/Impurities	<i>Are All Substances Above the Threshold Indicated:</i>
<input type="radio"/> Nested Materials Method	<input type="radio"/> 100 ppm	<input checked="" type="radio"/> Considered	Characterized <input checked="" type="radio"/> Yes <input type="radio"/> No
<input checked="" type="radio"/> Basic Method	<input checked="" type="radio"/> 1,000 ppm	<input type="radio"/> Partially Considered	<i>Percent Weight and Role Provided?</i>
	<input type="radio"/> Per GHS SDS	<input type="radio"/> Not Considered	Screened <input checked="" type="radio"/> Yes <input type="radio"/> No
Threshold Disclosed Per	<input type="radio"/> Per OSHA MSDS	<i>Explanation(s) provided for Residuals/Impurities?</i>	<i>Using Priority Hazard Lists with Results Disclosed?</i>
<input type="radio"/> Material	<input type="radio"/> Other		Identified <input type="radio"/> Yes <input checked="" type="radio"/> No
<input checked="" type="radio"/> Product		<input checked="" type="radio"/> Yes <input type="radio"/> No	<i>Name and Identifier Provided?</i>

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

ANDERSEN® E-SERIES CASEMENT/AWNING WINDOW [SOLID / PLATE GLASS (GLASS) LT-UNK WOOD NoGS ALUMINUM NoGS STAINLESS STEEL NoGS POLYVINYL CHLORIDE (PVC) LT-P1 | RES ZAMAK 3 NoGS PHENOL FORMALDEHYDE LT-P1 | RES CALCIUM CARBONATE BM-3 STEEL NoGS SILICA, AMORPHOUS LT-P1 | CAN POLYDIMETHYLSILOXANES LT-P1 | PBT POLYPROPYLENE (POLYPROPYLENE) LT-UNK ALUMINUM OXIDE LT-P1 | RES SODIUM OXIDE LT-UNK ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM) LT-UNK SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED BM-2 TRIMETHYLATED SILICA NoGS NYLON 6,6 LT-UNK POLY(OXYMETHYLENE) NoGS ARGON LT-UNK 1-PROPENE, 2-METHYL-, HOMOPOLYMER LT-UNK POLYCARBONATE LT-UNK POLYETHYLENE (POLYETHYLENE) LT-UNK POLYSILICONE-11 NoGS STEARIC ACID LT-P1 | END MAGNESIUM OXIDE LT-UNK | CAN ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER LT-UNK POLYVINYL ACETATE (PVA) LT-UNK BRASS NoGS MELAMINE FORMALDEHYDE LT-UNK METHYL N-AMYL KETONE BM-U CALCIUM STEARATE LT-UNK FERRIC OXIDE YELLOW LT-UNK IRON OXIDE LT-UNK QUARTZ LT-1 | CAN METHYLTIN TRIS(2-ETHYLHEXYL MERCAPTOACETATE) LT-1 | PBT | DEL | MUL CARBON BLACK LT-1 | CAN GLYCERIDES, C14-18 MONO- AND DI- LT-UNK 2,3-DIHYDROXYPROPYL OCTACOSANOIC ACID NoGS PARAFFIN LT-UNK POLYETHYLENE TEREPHTHALATE (PET) LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END]

Number of Greenscreen BM-4/BM3 contents ... 1
Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:
This disclosure covers both the casement and awning windows within the Andersen® E-Series product line. All weight percentages are based on the NFPA Standard size for this type of window (1.2 x 1.5 m). Disclosure is based

VOLATILE ORGANIC COMPOUND (VOC) CONTENT
VOC Content data is not applicable for this product category.



LIVING BUILDING CHALLENGE



HPDC
VERSION 2.2

Health Product Declaration Open Standard

Version 2.2

The importance of market drivers

Request for ESG data of Building Materials: Starting with Embodied Carbon

Initial Release Date: Jan

Dear Building Material P

Over the past year the v
quickly our social and ed
More importantly, we ha
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the most urgent.

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become global and is st

This doesn't have to be

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are from building mater
materials respectively). A
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Whether it be climate he
or product circularity, th
holistic informed decisi

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must also be supported
importantly, we believe

To this effect, we are m
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prioritized over t
- Of the products
to become avail

- Product specific data over Industry wide data.
- Verified third-party data over self-declared data.
- With respect to embodied carbon, products with assessments conducted as per

- ISO14025
- ISO21930
- ESG impact data
- mindful MATERIALS
- accessible global
- Embodied Carbon
- As the initiative e
- sharing will be in
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Best practice case studie
Material Challenge prog
organizations such as the
level of knowledge acros

Manufacturers seeking m
Manufacturers seeking to

Thanking you in advance

Signed:

Primary Signatories: Pro



Supporting Signatories: Architects, Interior Designers, Engineers, Consultants and Contractors.



Supporting Signatories: Manufacturers.

Supporting Signatories: Industry Groups



<https://www.mindfulmaterials.com/owner-initiative>



ATA

About
Career
Architect Resources
Community
Advocacy
Equity, Diversity & Inclusion

Materials Pledge

From improving indoor air quality to reducing construction waste, the materials architects and designers specify matter. Our choices represent an enormous opportunity to improve the health of the planet and the people who live on it.

The **Architecture & Design Materials Pledge** was developed to inspire a shift in how we evaluate the products and finishes that we specify on a daily basis. Participants commit to five overarching statements that will lead to more intentional product specification across their portfolios over time.

How do materials affect our lives?

- Select -
▼

Participating firms pledge to:

- support **human health** by preferring products that support and foster life throughout their life cycles and seek to eliminate the use of hazardous substances.
- support **social health & equity** by preferring products from manufacturers that secure human rights in their own operations and in their supply chains, positively impacting their workers and the communities where they operate
- support **ecosystem health** by preferring products that support and regenerate the natural air, water, and biological cycles of life through thoughtful supply chain management and restorative company practices
- support **climate health** by preferring products that reduce carbon emissions and ultimately sequester more carbon than emitted.
- support a **circular economy** by reusing and improving buildings and by designing for resiliency, adaptability, disassembly, and reuse, aspiring to a zero-waste goal for global construction activities.

There's no right or wrong way to implement the pledge in your practice, provided you're constantly working toward our long-term vision. By becoming an early adopter, you'll have the opportunity to help us establish reliable, consistent metrics for propelling our industry forward.

<https://www.aia.org/pages/6351155-materials-pledge>

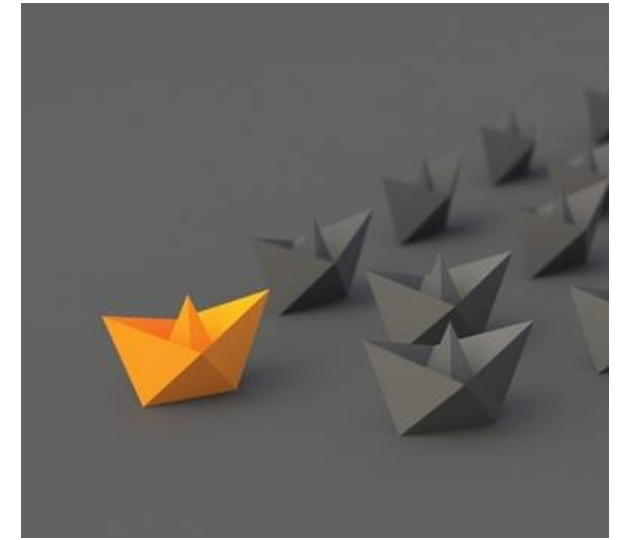
Why do it?



The future



Environmental Justice



Differentiator
(hopefully not for long)

Session 2a Q&A

3:00 Presentations

3:30 Q&A

Indicate you have something to say by:

- **typing it in chat or**
- **raising your hand**

3:40 Small groups

4:05 Report backs & wrap up

4:15 Adjourn

Session 2a Small groups

3:00 Presentations

3:30 Q&A

3:40 Small groups

4:05 Report backs & wrap up

4:15 Adjourn

Logistics

1. Note taker
2. Reporter: three highlights from discussion

Questions

1. Which of the Principles for Chemical Ingredient Disclosure does your organization work on or are you interested in?
2. What are your transparency needs & successes?
3. What interconnections do you see between transparency and environmental justice?

Session 2a – Report backs

3:00 Presentations

3:30 Q&A

3:40 Small groups

4:05 Report backs & wrap up

4:15 Adjourn

Popcorn

**Three highlights from
each small group**

Break – see you back at 4:40 ET

**Growing Supply Chain Transparency—featuring the innovative
Cosmetic Supply Chain Transparency Act (4:40–6:00pm EST)**

4:40 Presentations

Representative Jan Schakowsky

Mia Davis, Credo Beauty

Janet Nudelman, Breast Cancer Prevention Partners

5:15 Q&A

5:25 Small groups

5:45 Report backs & wrap up

6:00 Adjourn

