GreenScreen Certified™
Standard for Furniture & Fabrics

WEBINAR

OCTOBER 28, 2020
Clean Production Action – solutions for a safer & healthier tomorrow
Webinar Questions

Post your question to the Q&A section of your Zoom Control Panel

Presentation and recording will be available at greenscreenchemicals.org
Speakers

Shari Franjevic  
GreenScreen Program Manager  
Clean Production Action

Jennifer MacDaniel  
Principal Interior Designer  
Kaiser Permanente

Mellissa Nguyen  
Senior Program Manager, Environmentally Preferred Sourcing  
Vizient

Betsy Phillips  
Director of Strategic Partnerships  
Maharam
Outline

GreenScreen Certified™ Furniture & Fabric
Value to Health Care Providers
Value to Group Purchasing Organizations
Value to Manufacturers
Q&A
GreenScreen Certified™
Standard for Furniture & Fabrics

OCTOBER 28, 2020
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GREENSCREEN PROGRAM MANGER
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Material Health Matters

High levels of toxic flame retardant chemicals found in dust inside college classrooms
by Silent Spring Institute

New research finds that children living in homes with vinyl flooring or sofas that contain flame retardants have traces of potentially harmful toxins in their urine or blood.


https://www.medicalnewstoday.com/articles/324511
Leadership in Chemical Hazard Assessment

GreenScreen for Safer Chemicals — assess, and identify CoHCs and safer chemicals

GreenScreen List Translator — quickly identify known chemicals of high concern (CoHCs)

GreenScreen Certified — certified products, e.g. firefighting foam, textile formulations

www.greenscreenchemicals.org
GreenScreen is Globally Recognized and Used
GreenScreen Certified™ Standards

**Textile Chemicals**
Launched in Apr 2017

**Firefighting Foam**
Launched in Jan 2020

**Furniture & Fabrics**
Launched Oct 1, 2020!
Acknowledgments – Technical Peer Reviewers

- **Alex Mlsna**, Technical Services Manager, Kimball International
- **Anne McManus**, Senior Sustainability Engineer, Haworth
- **Betsy Phillips**, Director of Strategic Partnerships, Maharam
- **Elizabeth Eldridge**, Director of Sustainable Sourcing, Kaiser Permanente
- **Jane Abernethy**, Chief Sustainability Officer, Humanscale
- **Jennifer Mason MacDaniel**, Principal Interior Designer, Kaiser Permanente
- **Joel Sigler**, Director, National Environmental, Health & Safety, Kaiser Permanente
- **Judy Levin**, Pollution Prevention Director, Center for Environmental Health
- **Kelsey Balka**, Design for Environment Engineer, Herman Miller
- **Luke Zhou**, Lead Sustainable Materials Specialist, Humanscale
- **Veena Singla**, Senior Scientist, Natural Resources Defense Council
- **William Paddock**, Managing Director, WAP Sustainability
- **Yoav Einy**, Director – Environmentally Preferred Purchasing, Vizient
GreenScreen Certified™ for Furniture & Fabrics

1. Builds upon gold standard GreenScreen tools
3. Restricts classes of chemicals of concern
4. Enables manufacturers to use the Health Product Declaration (HPD) Open Standard
5. Aligns with US Green Building Council’s LEED standard
6. Provides clear steps on journey to increasingly preferable products for people and the planet
GreenScreen Certified™ for Furniture & Fabrics

- Gold+
- Gold
- Silver+
- Silver
- Bronze+
- Bronze
GreenScreen Certified™ for Furniture & Fabrics

1. Contents disclosed under confidentiality
2. Chemicals assessed for chemicals of high concern
   – Chemical classes of concern
   – GreenScreen criteria and tools
3. Products reviewed for other sustainability requirements
   – Indoor air quality
   – Sustainably sourced wood
   – Waste and recyclability
4. Pragmatic criteria for material specific concerns
Materials Disclosed under Confidentiality

*All* homogeneous materials present in the product (> 0 ppm) must be disclosed under confidentiality.

E.g., polypropylene, steel, nylon fabric, adhesive
Chemicals Disclosed and Assessed

Supplier Declaration of Compliance with Restricted Substances List
(Bronze RSL)

- Gold+
- Gold
- Silver+
- Silver
- Bronze+
- Bronze
Value of Chemical Classes

• Efficient and precautionary framework
• Rooted in already well established toxicology methods
• Supports decision-making in absence of complete data
• Supports decision-making for new chemicals coming onto the market daily
Bronze Restricted Substances List

1. Chemical Classes & Chemicals
   - Per- and polyfluoroalkyl substances (PFAS)
   - Bisphenols
   - Ortho-phthalates
   - Flame retardants (non-electronics)
   - Antimicrobials
   - Metals and their compounds (Cd, Pb, Hg, Organotin, Sb)
   - Polyvinyl chloride

2. Authoritative Government Lists
   - EU Restriction on Hazardous Substances (Electronics)
   - California Proposition 65 Chemicals
   - Persistent, Bioaccumulative and Toxic Chemicals (PBTs)
   - Azo Dyes per REACH Annex XVII
Other Product Sustainability Requirements

1. Indoor Air Quality (VOCs)
2. Sustainably Sourced Wood
3. Waste & Recyclability Criteria

➢ All aligned with Kaiser Permanente Environmentally Preferable Purchasing Standard
Pragmatic Criteria for Material Specific Concerns

1. Minor Fasteners
2. Undefined Post-consumer Recycled Content (PCR)
3. Electronic Components
4. Polytetrafluoroethylene (PTFE) in Powder Coats
5. Metal Parts e.g., metal alloys
6. Form Specific Hazards e.g., carbon black
Chemicals Disclosed under Confidentiality

Comprehensive List of Chemicals
≥ 100 ppm in homogeneous material

Supplier Declaration

- Gold+
  - Gold
- Silver+
  - Silver
- Bronze+
  - Bronze
Chemicals Assessed for Chemicals of Concern

**GreenScreen for Safer Chemicals**
- GreenScreen List Translator
- Silver-Gold Restricted Substances List
- Bronze Restricted Substances List

**Gold+**

**Gold**

**Silver+**

**Silver**

**Bronze+**

**Bronze**

**Bronze Restricted Substances List**
Kaiser Permanente
Sustainable Sourcing for Furniture & Fabric

Jennifer MacDaniel, MS, LEED GA
Principal Interior Designer
Facilities Strategy, Planning and Design

October 28, 2020
Who we are

- Founded in 1945
- Headquarters in Oakland Ca
- 39 Hospitals
- 719 Medical Office Buildings
- 4 Data Centers
- 300 Support Facilities
- 8 National Markets
- 12.4 members
- Physicians 23,271
- Nurses 63,306
- Employees 217,828
 KP Safer Products Accomplishments

- 2004 - prohibited PVC and Fly Ash from the backing of carpet
- 2007 - created the Sustainable Fabric Alliance
- 2008 - implemented the KP EPP Scorecard criteria
- 2010 - replaced Vinyl lettering with a digital printing process
- 2010 - elimination of Triclosan from clinical soaps and lotions
- 2014 - prohibition of Flame Retardants
- 2015 - prohibition of Antimicrobials
- 2015 - prohibition of Fluorinated chemicals
- 2016 - implementation of KP Medical Products Standard
- 2018 - implemented the KP Furnishing and Fabrics Standard
- 2019 - adopting HCWH Healthy Flooring Criteria as KP Standard
Safer Products Goal

Safer Products: KP will increase its purchase of products and materials meeting environmental standards to 50% by year 2025

- Reduce and eliminate chemicals of concern
- Reduce compliance risks
  - Prop 65 notifications
  - Reduce hazardous waste
- Promote recycling
- Performance and business criteria must continue to be met
Environmental Preferable Purchasing Challenges

- Burden on purchaser to determine if a product is “safe”
- Availability of information from supplier
- Proprietary information concerns
- Data collection and management
- Evaluating supplier responses
- Availability of alternatives and driving supplier improvement
- Validation of supplier information
- Greenwashing
Third Party Certification

- KP seeks to identify and utilize third party certifications to support our EPP Program
- Key considerations for third party certifications:
  - Transparent
  - Third Party independent evaluation
  - Appropriate and meaningful criteria
- Examples:
  - Greenseal (GS 37 for cleaning products)
  - EPEAT Registry (Computers, Copiers)
  - GreenScreen Certified (Furniture, Fabric)
Next Steps

- Start to integrate Green Screen 3rd party certification into furniture and fabric sourcing processes
- Promote the use of EPP criteria in healthcare industry
- Continue to identify sustainable building materials to add to our list
- Continue to help educate our manufacturers to move the market in a more sustainable way
Thank you!
Environmentally Preferred Sourcing

Mellissa Nguyen
Sr. Program Services Manager, EPS
A trusted leader

In our rapidly evolving health care environment, improving outcomes while lowering costs is more necessary and valuable than ever.

To do that, health care organizations need a partner with the scale, breadth and depth of experience, and proven expertise to deliver exponential impact across the continuum of care.

Meet Vizient.
Connecting unmatched insight and expertise

### Data and analytics

| $155B in supply spend data | 68M patient records | 31M inpatient encounters | 450M outpatient encounters |

### Collaboration services

- >90 community-based networks
- 25 academic medical center networks
- 1,300 hospitals participating in performance improvement offerings

### Advisory expertise

- 4th largest health care consulting firm*
  - conducted
- >800 engagements in last four years
  - with
- >550 consultants, 360 with advanced degrees

### Sourcing and supply chain

- >$100B in annual purchases
- >1,200 suppliers
- ≥2,100 national contracts for >725,000 product line items

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Our members represent the leading health care providers in the nation

- Academic medical centers: 95%
- Acute care hospitals: >50%
- Ambulatory market: >20%

Top 10
- Honor roll of best hospitals

Top 10
- Honor roll of best children’s hospitals

- Baylor Scott & White Health
- Cedars-Sinai
- Cleveland Clinic
- Kaiser Permanente
- Mayo Clinic
- Memorial Hermann
- Partners Healthcare
- Providence St. Joseph Health
- Stanford Health Care

Effective October 2017, completion of EP attributes requested in the RFP became an element of the non-financial criteria in all bids.

- EU Rohs Directive
- Bisphenols
- Polyvinyl Chloride (PVC)
- Bromine A & Chlorine Based Compounds
- Phthalates (including DEHP)
- Reuse - Product
- Antimicrobial/ Antibacterial agents
- Persistent, Bioaccumulative and Toxic Chemicals (PBTs)
- Flame Retardants
- Metals
- Perfluorinated Chemicals (PFCs)
- Does Not Create Hazardous Waste Product
- 10% or More Post Consumer Recycled Content - Product
- Recyclability - Product
- Recycled Content – Primary Packaging
- Recycled Content – Secondary Packaging
- Forest Stewardship Council
- Consumer Friendly Recycling Labels
- Recyclability - Packaging
- Natural Rubber Latex
- Chemical Inventory
- Prop 65 Chemicals
- Chemical Abstracts for Prop 65 Chemicals
Making Green Purchasing Easier

Supplier agrees to:

• provide a list of products that meet predefined environmentally preferred criteria,

• report EPS spend separately from conventional spend, and

• provide proof of 3rd party certification for environmental standards or scientific documentation to showcase the product or service has no adverse effect to human and environmental health.
Environmentally Preferred Furniture Portfolio

Free of Chemicals of Concern

Chemicals of concern* include:
PVC, formaldehyde, antimicrobials, fluorinated compounds, flame retardants

Specific attributes at the SKU level**

Separate sales reporting for EP furniture

Certifications for manufacturing standards

*Criteria aligns with the HHI Healthier Interiors Challenge, CEH criteria, and EPA EPP guidelines

**Attributes align with the defined KP furniture attribute standards
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Questions

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Thank you!

Contact Clean Production Action:

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https://www.greenscreenchemicals.org/