

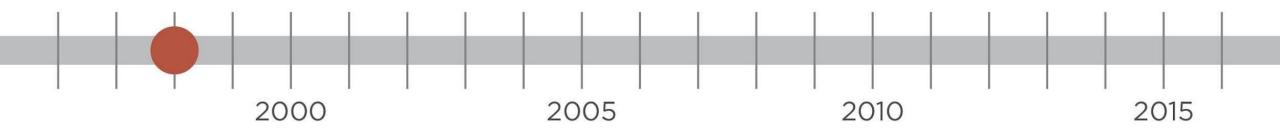




A PRODUCT GUIDE



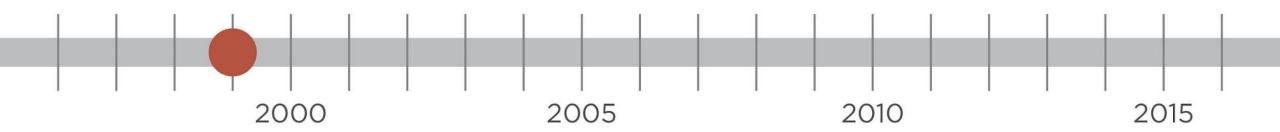








CALIFORNIA SPECIFICATION 01350

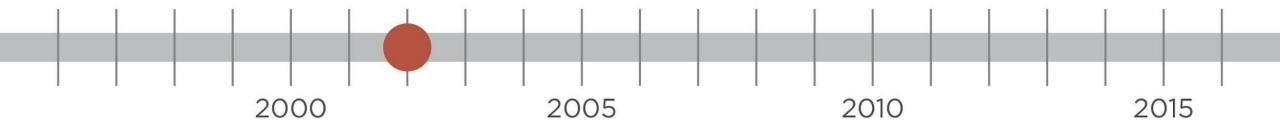








GREEN HEALTHCARE CONSTRUCTION GUIDANCE STATEMENT



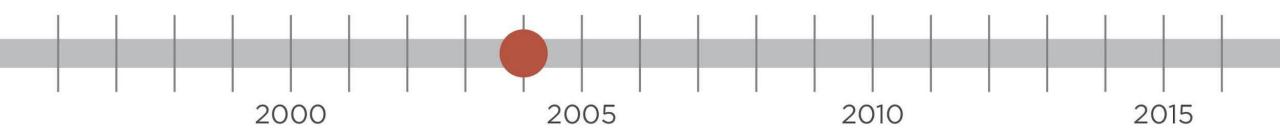








PILOT PROGRAM



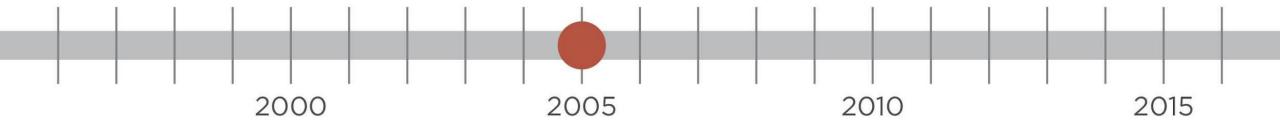














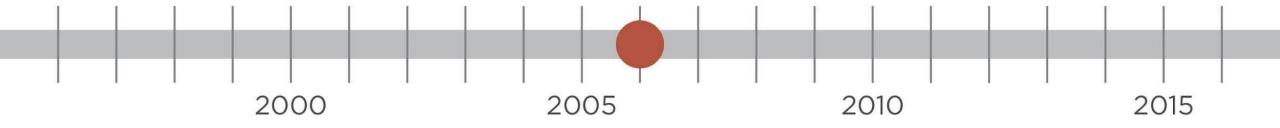














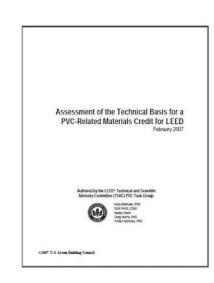




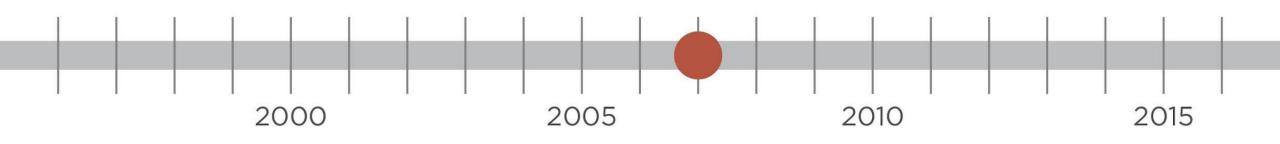








TECHNICAL BASIS FOR PVC-RELATED LEED® CREDIT









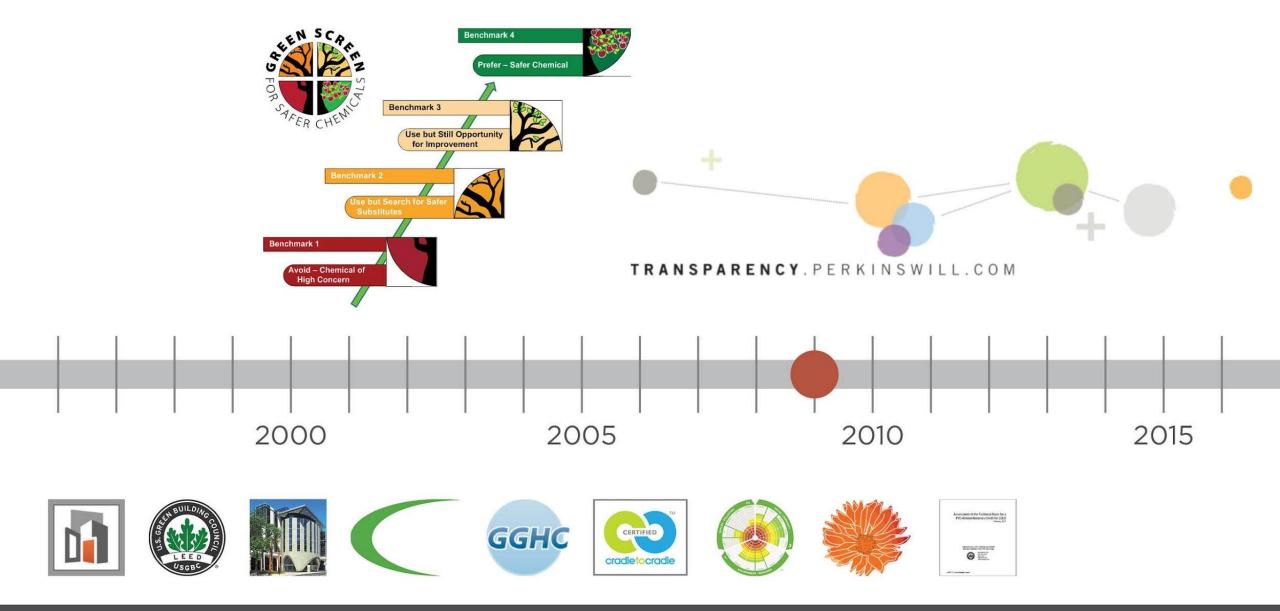


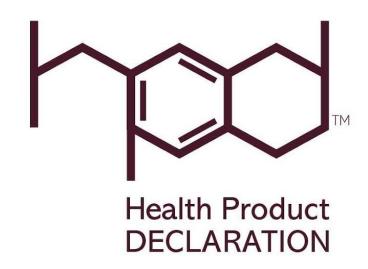


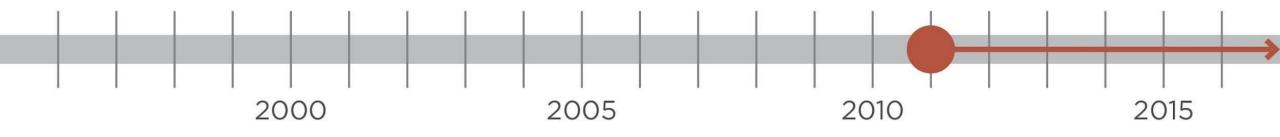
































































































top reasons for engaging in cross-sector efforts to account for chemicals of concern:

- 1. corporate responsibility
- 2. to promote transparency
- 3. to have a market advantage

biggest difficulties in compiling information for disclosure:

- 1. extensive data required
- 2. supplier resistance lack of information lack of time
- 3. internal resistance
- 4. too many standards

roles + skill-sets necessary to compile information for disclosure:

- Technical Engineering
- Procurement
- Environmental, Health and Safety (EHS) / Sustainability / Lifecycle Assessment
- Manufacturing Plant Management or Production
- Research and Development

- Globally Harmonized System of Classification + Labeling Chemicals (for Material Safety Data Sheets)
- Legal
- Sales
- Senior Leadership
- Outside consultants and Suppliers' staff

"Having a voice in the process and an opportunity to learn more about what a segment of the market wants"

"Having a voice in the process and an opportunity to learn more about what a segment of the market wants"

"Gaining a better understanding of the contents of our products, the manufacturing process, and potential hazard impacts"

"Having a voice in the process and an opportunity to learn more about what a segment of the market wants"

"Gaining a better understanding of the contents of our products, the manufacturing process, and potential hazard impacts"

"Helping make transparency an industry norm by facilitating this often-difficult transition for manufacturers"

"Having a voice in the process and an opportunity to learn more about what a segment of the market wants"

"Gaining a better understanding of the contents of our products, the manufacturing process, and potential hazard impacts"

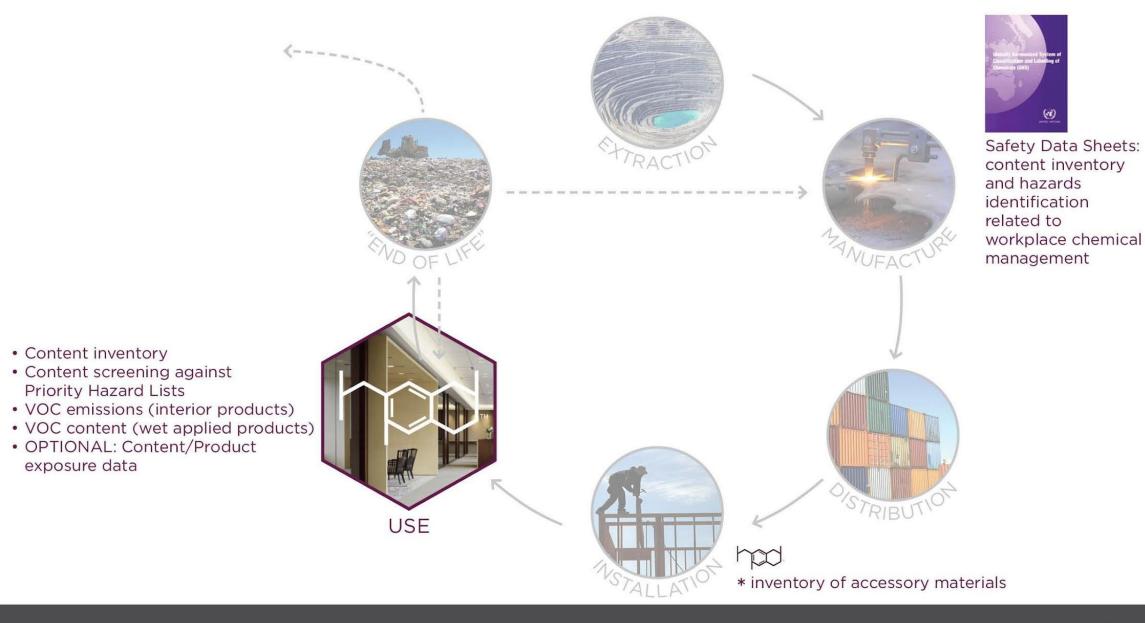
"Helping make transparency an industry norm by facilitating this often-difficult transition for manufacturers"

"Learning that we are actually pretty close to being able to 'launch' a new green product offering" the

Health Product DECLARATION is...

- a consistent language for product content reporting
- a transparent and unbiased framework for manufacturers to report material health information
- an essential resource for designers and builders to make informed choices about human and environmental health impacts





context: product declarations - content inventory + health hazards

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.



★ Some content has been characterized, screened, and/or identified by one or more suppliers that provide material to the product manufacturer.

MATERIAL NAME %:00 HPD URL: www.linktothematerialhpdifoneexists.org

InvThreshold: 1,000 ppm Residuals/Impurities: Considered or Not Considered

MATERIAL NOTES:

This space includes relevant information about the material and the purpose it serves in the product, and reports any anticipated general variations. This space also includes an explanation about how residuals and contaminants were considered if they are listed in the material inventory, or why they have been excluded. (The Material Name may be Specific, Generic, or 'Undisclosed'.)

SUBSTANCE NAME

%: 00-00 gs: LT-U RC: NO NANO: UNK ROLE: Whythesubstanceisinthematerial

HAZARDS: AGENCY/IES WITH WARNINGS:

Hazard Agency, Warning (auto-populated from Priority Hazard Lists, based on CAS RN)

NOTES:

This space includes relevant information about the chemical substance and the purpose it serves in the material. If the chemical substance can be referred to by multiple CAS numbers, list additional ones here. It may also include references to reports or other published literature about exposure or risk specific to the chemical substance in this material.

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.



★ Some content has been characterized, screened, and/or identified by one or more suppliers that provide material to the product manufacturer.

MATERIAL NAME %:00 HPD URL: www.linktothematerialhpdifoneexists.org

InvThreshold: 1,000 ppm Residuals/Impurities: Considered or Not Considered

MATERIAL NOTES:

This space includes relevant information about the material and the purpose it serves in the product, and reports any anticipated general variations. This space also includes an explanation about how residuals and contaminants were considered if they are listed in the material inventory, or why they have been excluded. (The Material Name may be Specific, Generic, or 'Undisclosed'.)

SUBSTANCE NAME

%: 00-00 gs: LT-U RC: NO NANO: UNK ROLE: Whythesubstanceisinthematerial

HAZARDS: AGENCY/IES WITH WARNINGS:

Hazard Agency, Warning (auto-populated from Priority Hazard Lists, based on CAS RN)

NOTES:

This space includes relevant information about the chemical substance and the purpose it serves in the material. If the chemical substance can be referred to by multiple CAS numbers, list additional ones here. It may also include references to reports or other published literature about exposure or risk specific to the chemical substance in this material.

MATERIAL INFORMATION

- NAME: Specific, Generic, Undisclosed
- %: of the product by weight (fixed, average, range, Undisclosed, Alternate)
- HPD URL: optional
- Inventory Threshold: 100 ppm, 1,000 ppm, per GHS SDS, per MSDS, other
- Residuals/Impurities: Considered, Not Considered
- Notes: references and explanations (nondisclosure, variations, etc...)

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.



★ Some content has been characterized, screened, and/or identified by one or more suppliers that provide material to the product manufacturer.

MATERIAL NAME %:00 HPD URL: www.linktothematerialhpdifoneexists.org

InvThreshold: 1,000 ppm Residuals/Impurities: Considered or Not Considered

MATERIAL NOTES:

This space includes relevant information about the material and the purpose it serves in the product, and reports any anticipated general variations. This space also includes an explanation about how residuals and contaminants were considered if they are listed in the material inventory, or why they have been excluded. (The Material Name may be Specific, Generic, or 'Undisclosed'.)

SUBSTANCE NAME

%: 00-00 gs: LT-U RC: NO NANO: UNK ROLE: Whythesubstanceisinthematerial

HAZARDS: AGENCY/IES WITH WARNINGS:

Hazard Agency, Warning (auto-populated from Priority Hazard Lists, based on CAS RN)

NOTES:

This space includes relevant information about the chemical substance and the purpose it serves in the material. If the chemical substance can be referred to by multiple CAS numbers, list additional ones here. It may also include references to reports or other published literature about exposure or risk specific to the chemical substance in this material.

SUBSTANCE INFORMATION

- NAME: Specific, Generic, Undisclosed, Unknown
- %: of the material by weight (fixed, average, range, Undisclosed, Alternate)
- GreenScreen: Benchmark or List Translator score
- Recycled Content: Post-consumer, Pre-consumer, Both, None, Unknown
- Nanomaterial: Yes, No, Unknown
- Role: purpose or function for inclusion
- Hazards: screening results
- Agency/ies with warnings: name of Priority Hazard List/s
- Notes: references and explanations (nondisclosure, variations, etc...)

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.



★ Some content has been characterized, screened, and/or identified by one or more suppliers that provide material to the product manufacturer.

MATERIAL NAME %:00 HPD URL: www.linktothematerialhpdifoneexists.org

InvThreshold: 1,000 ppm Residuals/Impurities: Considered or Not Considered

MATERIAL NOTES:

This space includes relevant information about the material and the purpose it serves in the product, and reports any anticipated general variations. This space also includes an explanation about how residuals and contaminants were considered if they are listed in the material inventory, or why they have been excluded. (The Material Name may be Specific, Generic, or 'Undisclosed'.)

SUBSTANCE NAME

%: 00-00 gs: LT-U RC: NO NANO: UNK ROLE: Whythesubstanceisinthematerial

HAZARDS: AGENCY/IES WITH WARNINGS:

Hazard Agency, Warning (auto-populated from Priority Hazard Lists, based on CAS RN)

NOTES:

This space includes relevant information about the chemical substance and the purpose it serves in the material. If the chemical substance can be referred to by multiple CAS numbers, list additional ones here. It may also include references to reports or other published literature about exposure or risk specific to the chemical substance in this material.

- biological material
- ceramics
- defined substance without identifier
- electronics
- float glass
- form specific hazards
- geological material

- material with CAS RN but no specific molecular structure
- metal alloy material
- mixed hardware
- reaction products
- recycled content mixture

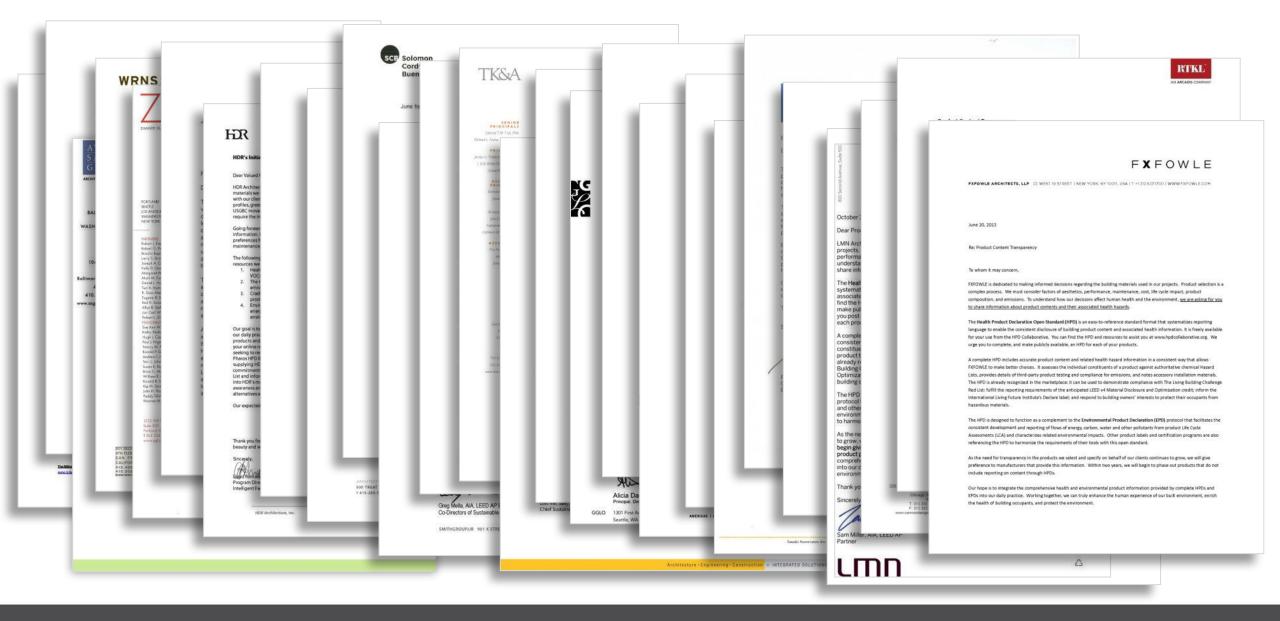
Manufacturers Advisory Panel

workgroup

workgroup

workgroup

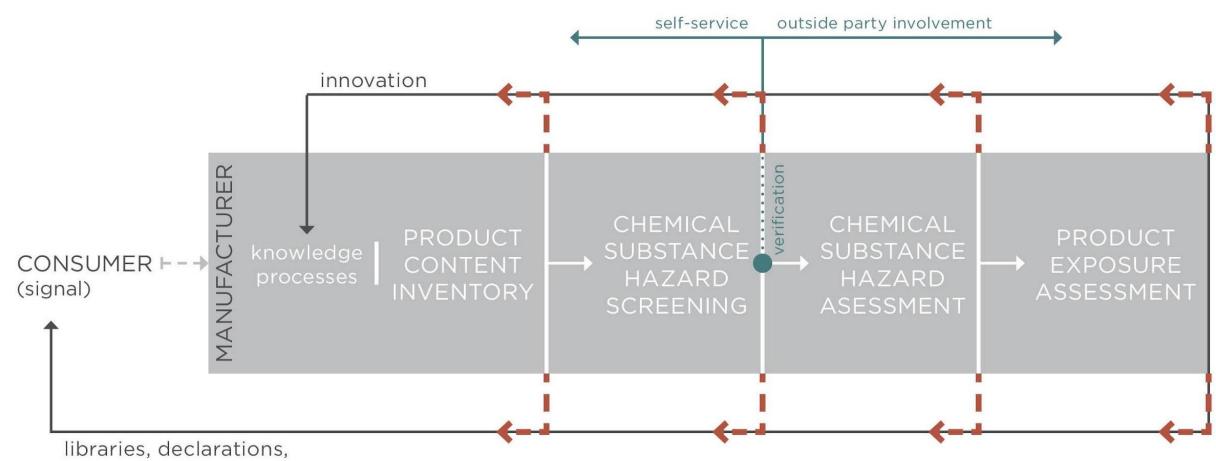
Technical Committee



advocacy: letters of commitment issued by design firms



advocacy: transparency forums - "reverse lunch-n-learns"



libraries, declarations, labels, certifications, etc.

You never change things by fighting the existing reality.

To change something, build a new model that makes the existing model obselete.

- BUCKMINSTER FULLER