



## California's Safer Consumer Products program

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Society for Hazard Communication  
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Department of Toxic Substances Control



Cal/EPA



Life is tough enough  
already ...



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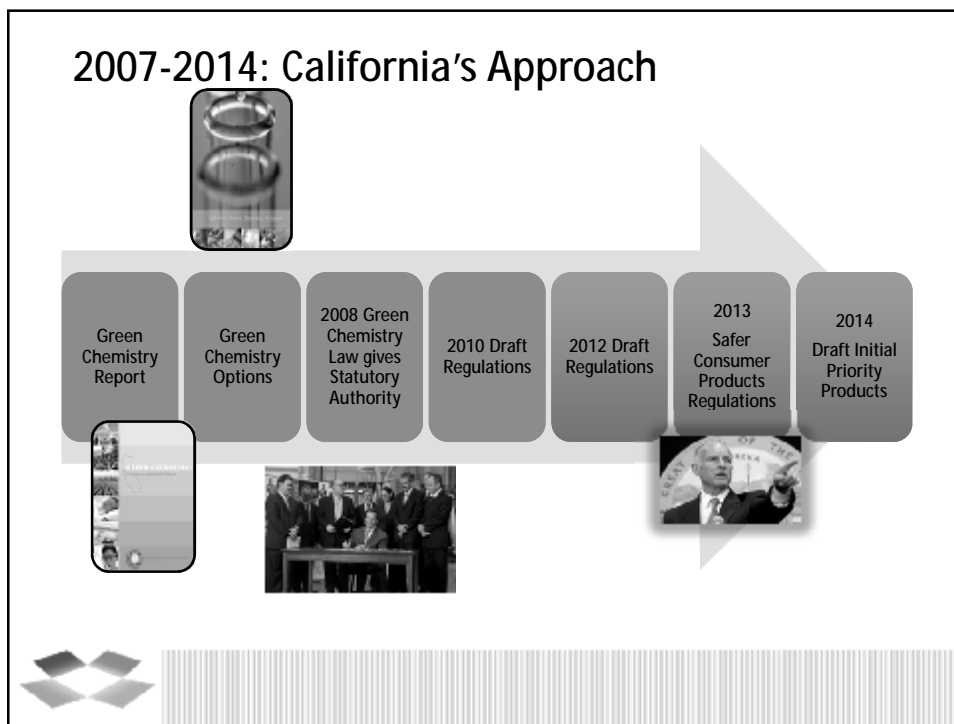
Product manufacturers must ask:

Is it necessary?

Is there a safer alternative?

DTSC





### The SCP Framework

§ Hazard reduction/elimination  
§ *not* Risk Management

This differs from

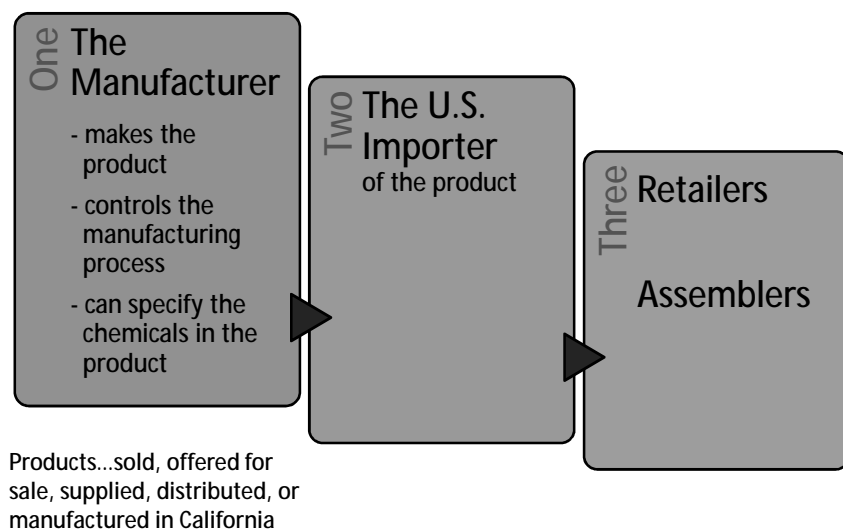
- OSHA
- EPA TSCA Work Plan Risk Assessments
- Superfund

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## The Framework: Avoid Regrettable Substitutes



## The Framework: Producer Responsibility



## What's covered

### Sensitive Subpopulations

- Infants and children
- Pregnant women
- Elderly
- Vulnerable populations
- Increase exposure populations (workers)

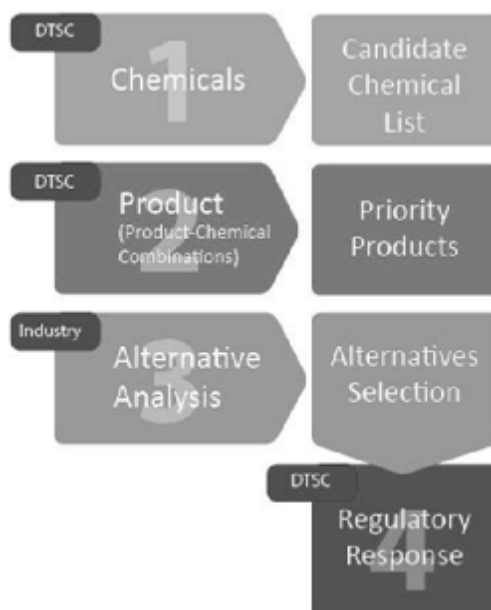
### What's *not* covered

- Pesticides
- Food
- Prescription drugs
- Medical packaging

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## How it Works: The SCP Regulations



## 1. Candidate Chemicals

23 Authoritative Lists referenced

- 8 exposure potential lists
- 15 hazard trait lists



<http://www.dtsc.ca.gov/SCP/ChemList.cfm>

### Exclusions

- FIFRA pesticides
- Prescription drugs
- Metabolite/breakdown products
- Radioactive chemicals
- Natural toxins



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## 2. Picking Products: Key Prioritization Principles

§ Potential exposure to the Candidate Chemicals in the product

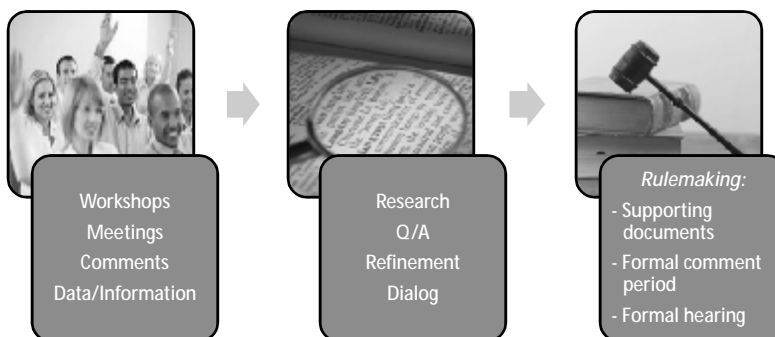
AND

§ Potential for exposures to contribute to or cause significant or widespread adverse impacts



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## 2. Adopting Priority Products



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## 3. Alternatives Analysis

Answers key questions

- Is it necessary?
- Is there a safer alternative?
- Have regrettable substitutes been avoided?

Life cycle thinking



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## 4. Possible Regulatory Responses

- § No response
- § Additional information to DTSC
- § Additional information to consumers
- § Additional safety measures
- § Restrictions/Prohibitions on sales
- § End-of-life product stewardship
- § Research funding

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## Initial Priority Products

Announced March 2014

1. Children's Foam-padded Sleeping Products containing TDCPP and TCEP
  2. Paint Strippers containing Methylene Chloride
  3. Spray Polyurethane Foam Systems with unreacted MDI (two part systems)
- Ø Statewide workshops and stakeholder engagement
  - Ø Regulations being drafted

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Not the

- WorST
- MoST
- BiggeST

*No absolute criteria*




Future Product Selections:  
Priority Products Work Plan




Priority Product  
Work Plan

Three Year Work Plan | 2015 - 2017

SAFER CONSUMER PRODUCTS BRANCH  
DEPARTMENT OF TOXIC SUBSTANCES CONTROL

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## Priority Product Work Plan

- § Identify product categories for next 3 years
- § Provide market signals
- § Engage stakeholders, gather data
- § Identify potential Priority Products



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## Work Plan policy priorities

- § Direct exposure pathways
- § Biomonitoring results
- § Chemicals found in indoor air monitoring
- § Sensitive subpopulations – children, workers
- § Aquatic resource impacts
- § Water quality monitoring evidence



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## 3 Year Work Plan: 7 Product Categories



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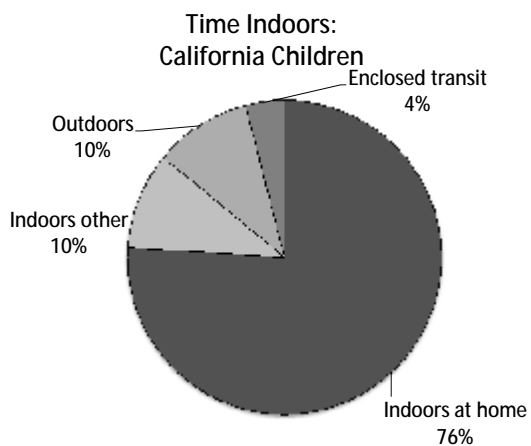
## Beauty, Personal Care and Hygiene



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## Building Products & Household/Office Furniture



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*Jenkins et al., 1992; Phillips et al. 1991*

## Building Products Subcategories:

- Paints
- Adhesives
- Sealants
- Flooring



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Home and office furnishings

Chemicals restricted to

- Flame retardants
- Perfluorinated compounds

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## Cleaning Products



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## Clothing



## Fishing and Angling Equipment



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## Office Machinery (Consumable Products)



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## 3 Year Work Plan: 7 Product Categories

- § Beauty, Personal Care and Hygiene Products
- § Building Products - Paints, Adhesives, Sealants, Flooring
- § Household/Office Furniture/Furnishings
- § Cleaning Products
- § Clothing
- § Fishing and Angling Equipment
- § Office Machinery Consumable Products

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## Alternatives Analysis

### Guidance

§ Tool Box approach

§ Pilot AAs

§ Tool use and training:

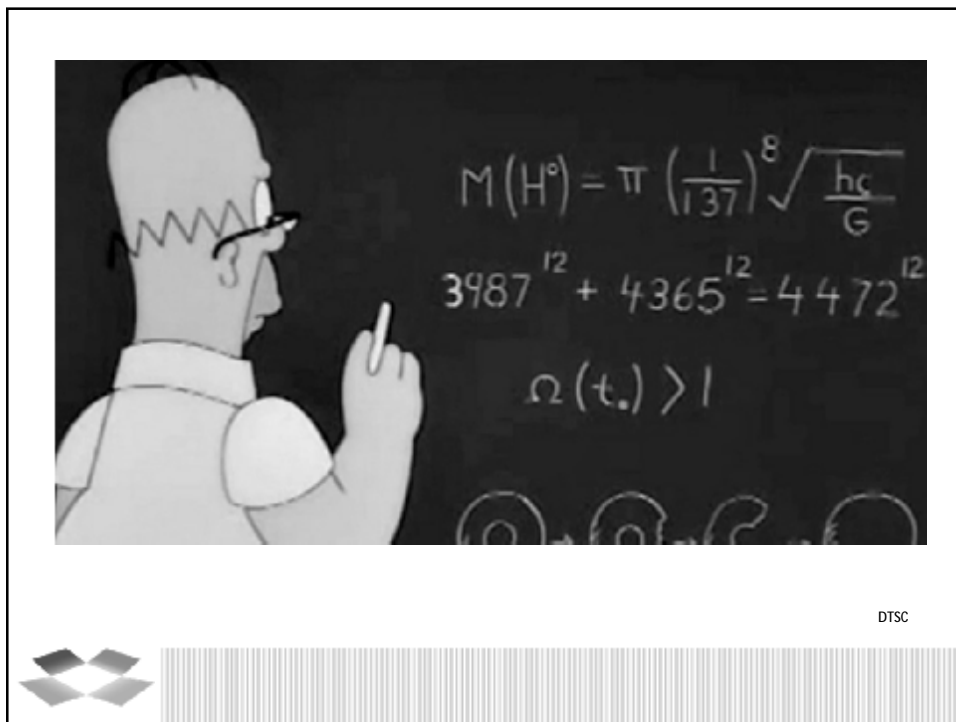
- Green Screen
- EPA Tools
- Exposure modeling
- LCA Tools

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## Alternative Assessment Frameworks





## Possible Regulatory Responses

- § No response
- § Additional information to DTSC
- § Additional information to consumers
- § Additional safety measures
- § Restrictions/Prohibitions on sales
- § End-of-life product stewardship
- § Research funding

## Communications challenges

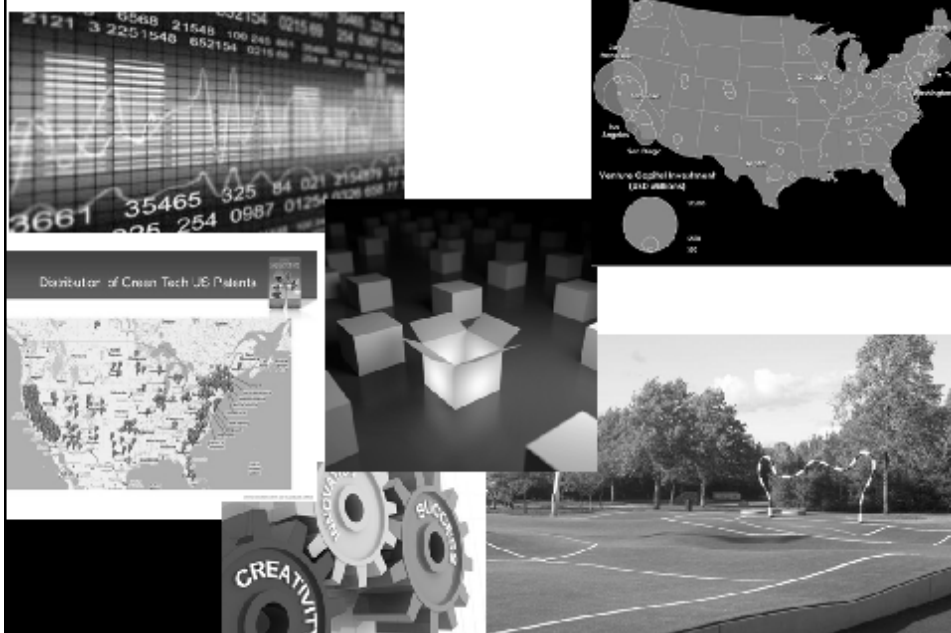
- § Priority Product definitions
- § Misunderstanding of decisions
- § Stakeholder input and information gathering
- § Managing CBI
- § Effective science communication to consumers
- § Where are we in the process? Timeline?
- § Who's responsible?

*What can we learn from SCHC membership?*

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## What is success?





Thank you

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<http://dtsc-scp-t/scp/feedback.aspx>

<http://www.dtsc.ca.gov/SCP>

