



# Update on the Safer Consumer Products Program

Karl Palmer, Chief  
Safer Consumer Products Branch  
Scientific Guidance Panel Meeting  
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Department of Toxic Substances Control



Cal/EPA

# Mission...



- Reduce exposure
- Reduce or eliminate chemical hazards
- Look at full product lifecycle
- Encourage reformulation/innovation
- Avoid regrettable substitutes



# California DTSC



# 1. Candidate Chemicals



23 Authoritative Lists referenced

- 8 exposure potential lists (NHANES, Biomonitoring California)
- 15 hazard trait lists

## Exclusions

- Pesticides
- Prescription drugs
- Metabolite/breakdown products
- Radioactive chemicals
- Natural toxins

>2,300 Chemicals

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



## 2. Product Selection

### Prioritization Principles for Picking Products:

- Potential **exposure** to the Candidate Chemicals in the product

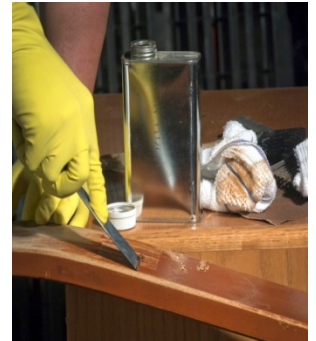
AND

- Potential for exposures to contribute to or cause **significant or widespread adverse impacts**



# Initial Priority Products

1. Children's Foam-padded Sleeping Products Containing TDCPP and/or TCEP
2. Paint Strippers Containing Methylene Chloride
3. Spray Polyurethane Foam Systems with MDI



# What to watch for – 2015

- Notice for rulemaking on initial Priority Products
- Alternative Analysis Guidance



# Priority Product Work Plan

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





# Policy priorities

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



# 2015 – 2017 Priority Product Work Plan Categories



**Beauty, Personal Care and Hygiene Products**



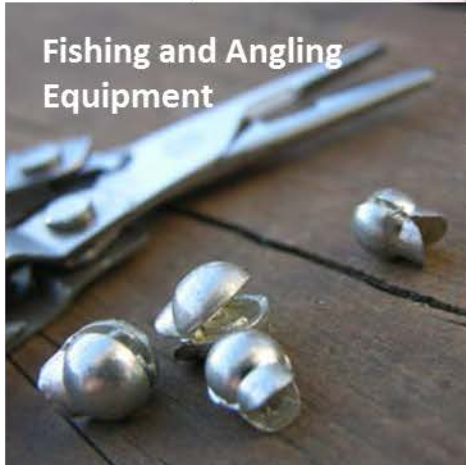
**Household/Office Furniture/Furnishings**



**Building Products – Paint Products, Adhesives, Sealants, Flooring**



**Cleaning Products**



**Fishing and Angling Equipment**



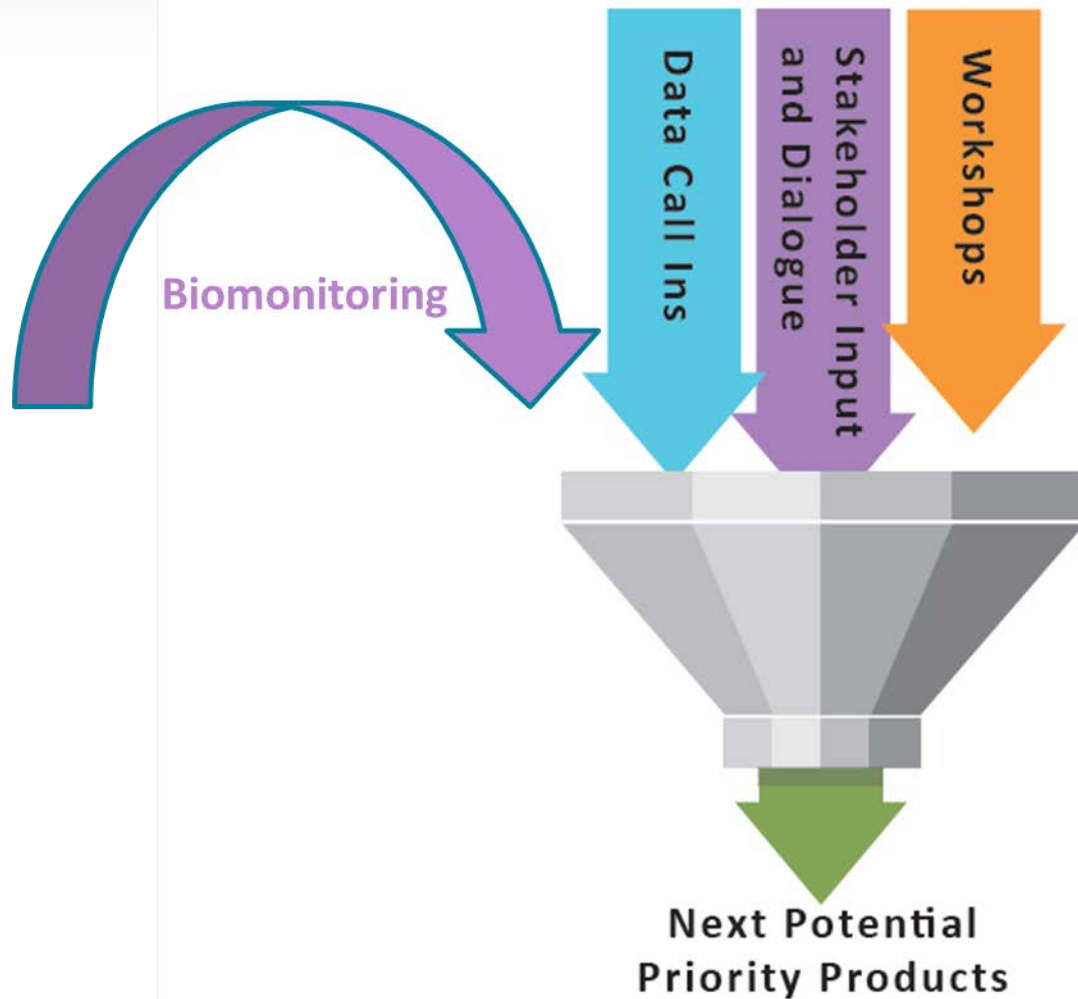
**Office Machinery Consumable Products**



**Clothing**



# Process of Priority Product Selection: Executing the Work Plan



## CATEGORIES

Policy Priority	Personal Care Products Scoping Team	Cleaning Products Scoping Team	Clothing Scoping Team	Furnishings Scoping Team	Building, Office, Angling
• Clear Pathways for Exposure to $\geq 1$ Candidate Chemical					
• <b>Contain Chemicals detected in Biomonitoring Studies</b>	→				
• Contain Chemicals Observed in Indoor Air/Dust		→			
• May Impact Children	→		↓		
• May Impact Workers		↓	↓	↓	
• Chems. that may Impact Aquatic Resources/Observed in Water Quality Monitoring	→			↓	



# Collaborations with Biomonitoring California

- Current:
  - Regular coordination meetings
  - Searching consumer product databases for chemicals of interest (e.g., those with biomonitoring data)
  - Laboratory support
- Future:
  - Coordinate on new and emerging chemicals of interest
  - Develop ideas for potential intervention studies
  - Evaluate effectiveness of SCP initiatives

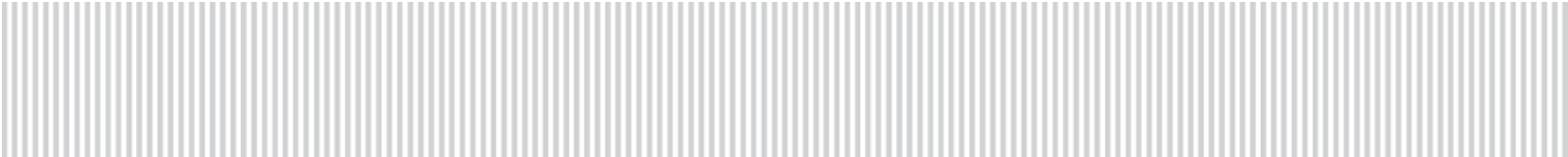




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# Questions?



# Thank you

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

