

US contributions to SAICM

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Overview

- Framework for international cooperation
- U.S. Contributions to SAICM
 - Existing Chemicals - ChAMP
 - Lead Renovation, Repair, and Painting Rule
 - Mercury
 - PFOA Stewardship
 - Other risk management activities, e.g. Formaldehyde
 - P2 tools: informed substitution, green suppliers network

Framework





Existing Chemicals - ChAMP

- 1999 - High Production Volume (HPV) Challenge Program
 - basic health and safety data publicly available on more than 2200 existing chemicals produced or imported in the U.S. in quantities greater than one million pounds a year
 - HPVIS (U.S.) and ChemPortal (OECD)
- In 2007 - Chemical Assessment and Management Program (ChAMP)
 - U.S. commitment to complete screening-level hazard and risk characterizations and initiate action, as appropriate, on more than 6,000 chemicals produced above 25,000 pounds per year
- Administrator Jackson has asked that OPPTS develop options to ramp up efforts to assess, prioritize, and take action on existing chemicals, with particular emphasis on protecting children.



Lead Renovation, Repair, and Painting Rule

- Great strides have been made in reducing the incidence of childhood lead poisoning over the last decade, it remains a significant public health concern
- In 2008 - renovation, repair, and painting activities in pre-1978 housing and child-occupied facilities
 - Goes into effect April 2010
- The Ad Council will launch a childhood lead poisoning prevention campaign (funded by EPA, HUD, Coalition to End Childhood Lead Poisoning) this summer, with an emphasis on renovation hazards
- ICCM-2 Resolution to create a Global Partnership to phase-out the manufacture and sale of paints containing lead



Mercury

- Domestic efforts
 - Phase-out the use of non-ferrous mercury thermometers and measuring devices in industrial applications
 - Developing rulemaking under TSCA to reduce or eliminate the continued use of mercury in certain products, including switches, relays, flame sensors, button cell batteries, and other measuring devices
- International efforts
 - Support for binding global mercury negotiations at UNEP Governing Council meeting, which will be comprehensive in nature and will consider all major sources of mercury (emissions, trade, products, supply, storage, waste)
 - Continued support for the UNEP Global Mercury Partnership, including the Mercury-Containing Products Partnership
 - Mexico's efforts: product inventory, hospitals work



PFOA Stewardship

- January 2006, invitation to eight major companies in the fluoropolymer and fluorotelomer industries to commit to a voluntary program
- Goals
 - Commit to achieve, no later than 2010, 95% reduction in *both* facility emissions to all media *and* product content of PFOA, PFOA precursor chemicals, and related higher homologue chemicals, measured from a year 2000 baseline
 - Commit to working toward elimination of PFOA, PFOA precursors, and related higher homologue chemicals from emissions and products by 2015
- Participating companies
 - Arkema, Asahi, Ciba, Clariant, Daikin, DuPont, 3M/Dyneon, Solvay Solexis
 - Report annual progress in terms of both U.S. and global operations



Formaldehyde

- Formaldehyde, a known carcinogen, has a number of common uses, including as a bonding agent in pressed wood products
- On December 3, 2008, ANPR announcing EPA's investigation and an opportunity for public input
 - Public meetings – North Carolina, Portland, Chicago, Dallas, DC, and New Orleans
- Next Steps
 - Review of ANPR comments
 - Survey of the pressed wood manufacturers
 - Hazard assessment
 - IRIS assessment for formaldehyde to be updated
 - Determine appropriate course of action



Pollution Prevention Tools

- Design for the Environment
 - Safer Detergents Stewardship Initiative (SDSI):
 - Safer surfactants in all products – phasing out NPE surfactants
- Green Chemistry Program
 - Presidential Green Chemistry Challenge Awards
- Pollution Prevention Strategic Plan



Web Resources

- OPPT: <http://www.epa.gov/oppt/>
- TSCA: <http://www.epa.gov/oppt/ar/2007-2009/managing/index.htm>
- Lead: <http://www.epa.gov/lead>
- Mercury: <http://www.epa.gov/mercury>
- Formaldehyde: <http://www.epa.gov/opptintr/chemtest/formaldehyde/index.htm>
- Pollution Prevention: <http://www.epa.gov/p2/>