Green Chemistry and Commerce Council
Ann Arbor, Michigan
May 9-11, 2012
Tommy Thompson
International Environmental Affairs
HANESbrands Inc.
1000 Hanes Mill Road
Winston-Salem, NC  27105

phone:  (336)519-2715
email:  tommy.thompson@hanesbrands.com
Background

Brewing and Aluminum Extrusion

- Air Emissions
- Wastewater Categorical’s
- Hazardous Wastes
- FDA
- Flavor Impacts
- Chemical Management System
The Company

- SARA LEE Hosiery CA 1990's
  Division of SARA LEE Corporation
  Manufacturing in the US
  International Sourcing
  Quiet Leader

- HANESbrands Inc.
  Spun off in 2006
  Consolidated All Textile Divisions

Current Structure

- International Manufacturing
- Owned Manufacturing – 90% Outside of the US
- Sourcing – 20% of Total Volume
Chemical Management Program

SARA LEE Hosiery

- Environmental Management Philosophy
- Chemical Management System
- Corporate Approval of ALL Chemicals
- Owned Facilities ~ 95% of Production
- 1991
- Unpublished RSL
  - Regulatory Compliance
  - Consumer Safety
Chemical Management System – Owned Sites

- Maintain web-based Corporate chemical database.
- Screen all chemicals for consumer safety and environmental protection prior to use or integration into product design and/or manufacturing.
- Standardize chemical management systems in all manufacturing plants.
- Continuous improvement to more sustainable chemistries.
Challenges and Opportunities

🌟 Complete and Accurate Chemical Ingredient Data

🌟 Reduction in Chemical Suppliers
  • Proven Companies
  • Partnership

🌟 HBI Required Data Form
  • ATMI
  • VPEP

🌟 Languages
Challenges and Opportunities

- Continuous Improvement
- Regulatory Compliance of Product
- Facility Environmental Standards
- Improved Environmental Sustainability
- Initiate Actions in Advance of Legislative Initiatives
- Emerging Health and Environmental Data
- HBI Developed Data
- HBI Corporate Policies
Supply Chain Management

- Global
- Supplier Lack of Technical Resources
- HBI Initiative and Evolution
  - Contracts
  - Failure to Comply
  - “Sharing” of Environmental Programs
- Chemical Management Support
- Third Party Chemical Audits
- Third Party Environmental Audits
- Environmental Training
Supply Chain Chemical Audits

- Require List of All Chemicals on Site
- Review and MSDS’s for All Chemicals
- Reach Out to Chemical Suppliers
- Document Chemicals and Ingredients – Web-Based
- Tour the Site for Chemicals not Documented
- Notify Management of Chemicals of Concern
- Recommend Alternative Chemical Improvements
The Industry and HBI

❖ American Apparel and Footwear (AAFA)
   https://www.wewear.org/
   ❖ Restricted Substance List
   ❖ Environmental Council
   ❖ Training

❖ Sustainable Apparel Coalition (SAC)
   http://www.apparelcoalition.org/

❖ National Association of Environmental Managers
Keys to Success

- Cross Media Technical Expertise
- Partnerships
  - Corporate Initiative
  - Chemical Suppliers
  - Sourcing Facilities
  - Trade Associations
  - Environmental Associations
  - Technical Contacts In Other Industries
  - Consultants
  - Peers
Keys to Success

Critical Aspects

- Patience
- Education and Support
- Cooperation
- Visibility
- Consistency
- Diligence
Questions
What is your company doing to “green” the textile industry?

How is your company collaborating with your supply chain/other brands to make textile products more sustainable?

What are the most important factors that have prompted these industry collaborations?

What are the key ingredients needed for effective collaboration to occur?

How can the lessons learned from these collaborative efforts be applied in other industry sectors?

As we discussed, here is the order of speakers and topics to be covered:

- Sam - general history/overview of the industry and greening efforts, including a discussion of the Oeko-Tex® certification

- Tommy – the approach (and advantage) of Hanes and their mostly owned supply chain in greening products and the production process; Tommy will also discuss Hane's hands-on chemical audits of their supply chain and the importance of due diligence