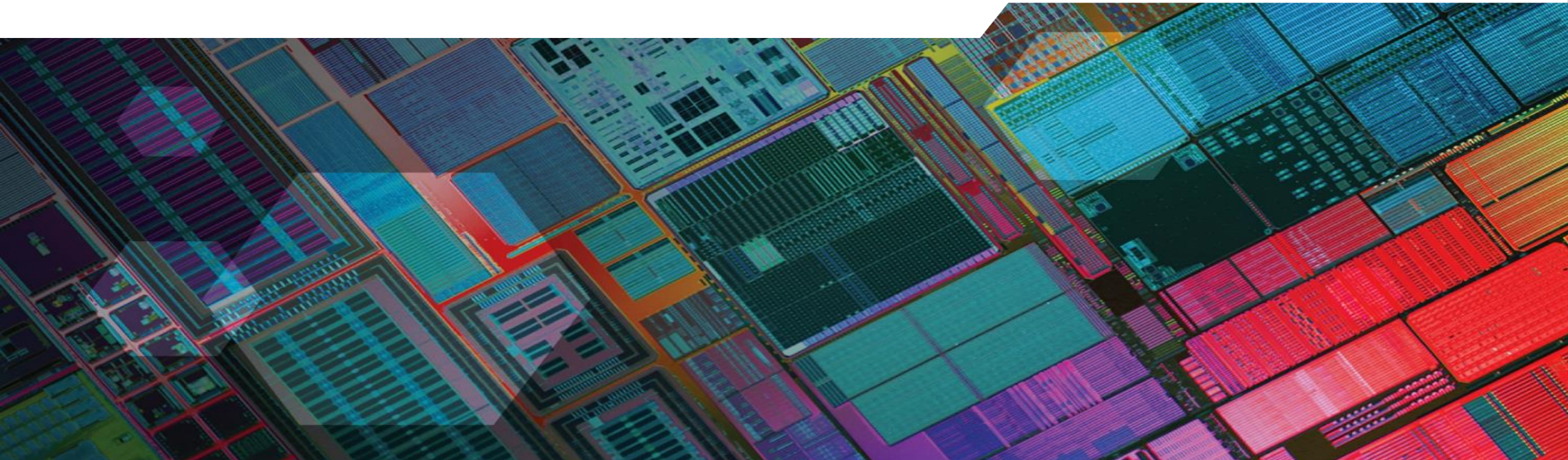




New Regulatory Requirements for Nanoscale Materials Under the U.S. Toxic Substances Control Act (TSCA) – Summary and Q/A from the U.S. EPA

SEMI Webcast – June 1, 2017



Webcast Host: SEMI

- Global industry association representing more than 2,000 member companies
- Our companies are involved in various aspects of manufacturing of semiconductors and related electronic devices
- Industries we serve include microelectronics, photovoltaics, solid state lighting, electronic display, electrical sensors, mems, and flexible and hybrid electronics
- Some of our members are directly involved in the manufacturing of these devices, while others produce the equipment, materials, and facilities-related infrastructure necessary for the manufacturing process
- SEMI maintains offices in Milpitas (HQ), Bangalore, Beijing, Berlin, Brussels, Grenoble, Hsinchu, Moscow, Seoul, Shanghai, Singapore, Tokyo, and Washington DC to serve our global membership
- More information: www.semi.org
- Contact: Sanjay Baliga (Director of Sustainable Manufacturing) at sbaliga@semi.org

Webcast Partner: NanoBCA

- The mission of the NanoBusiness Commercialization Association (NanoBCA) is:
- Promoting the Commercialization of Products designed and developed through the Science of Nanotechnology.
- Advocating for continued US spending through the National Nanotechnology Initiative. America must continue the funding of NNI from R&D to commercialization. NanoBCA was formed in November 2001 and was the lead advocate which resulted in the signing of the National Nanotechnology Initiative by George Bush on December 3, 2003.
- Informing membership in regard to EHS regulation from Federal (EPA and FDA) and State Governments to monitor proposed legislation from Federal and State government.
- 16th Annual NanoBusiness Conference:
Thursday, June 15, 2017, Washington DC
www.nynanobusiness.org
- Contact: Vincent Caprio (Chairman & Executive Director) at vincent@nanobca.org

Webcast Partner: SESHHA

- SESHHA stands for Semiconductor Environment, Safety, and Health Association
- It was formed nearly 30 years ago in 1978
- Professional society of more than 600 individuals addressing EHS issues for the semiconductor and high technology industries
- Next Annual Symposium taking place in April 2018 in Scottsdale, Arizona, USA
- More information: www.sesha.org
- Contact: Raymond McDaid (President) at <raymond.mcdaid@kla-tencor.com>

Webcast Agenda

- Welcome and Introductions (5 Minutes)
- Summary of the New Rule by U.S. EPA Staff Member, Jim Alwood (20 – 30 Minutes)
- Question / Answer Session by U.S. EPA Staff Member, Jim Alwood (30 – 60 Minutes)
- Conclusions and Next Steps (5 Minutes)

Webcast Speaker – U.S. EPA Staff Member, Jim Alwood

- Jim Alwood is a Program Manager with the U.S. Environmental Protection Agency (EPA), the federal government agency responsible for administering the Toxic Substances Control Act (TSCA)
- For 30 years, Alwood has worked in the Chemical Control Division (CCD) of EPA's Office of Pollution Prevention and Toxics (OPPT)
- He has extensive experience with TSCA new chemical reviews and significant new use rules (SNURs)
- Alwood also coordinates nanotechnology issues under TSCA
- He holds Bachelors of Science degree in Biology from Dickinson College and a Masters Degree in Environmental Science from George Washington University

