European Union REACH
Impact on Industrial Hygiene

May 24, 2011
Urban Research and Outreach Engagement Center
2001 Plymouth Avenue North
Minneapolis, MN 55412
Directions: www.uroc.umn.edu/about/directions.html

PROGRAM DESCRIPTION
REACH (Registration, Evaluation, Authorization and Restriction of Chemicals) is a European Union regulation established to improve the protection of human health and the environment through improved and earlier identification of the intrinsic properties of chemical substances. As such, REACH is reshaping the field of industrial hygiene.

As new chemistries, many with unknown toxicity, are brought to market each year, manufacturers will have to conduct extensive evaluations for their intended use to ensure no unacceptable exposures throughout the lifecycle of these chemistries.

Establishment of acceptable use and "licensure" to use a material in a specific application is regulated by the European Chemical Agency (ECHA) headquartered in Helsinki, Finland.

Dr. Pentti Kalliokoski, who completed his doctoral work at the University of Minnesota and is on the Faculty of the University of Eastern Finland, will address these issues in a keynote presentation that will include a discussion of:
- Exposure modeling requirements
- Skin exposure issues
- Risk management and control strategies
- Derived No-Effect Level (DNEL) and Derived Minimal Effect Level (DMEL) vs Occupational Exposure Levels (OEL)
- Preparing Safety Data Sheets under REACH guidelines
- Current status of registration and next set of deadlines

Although this applies chiefly to organizations with European production facilities, the principles may find their way into proposed amendments to the federal Toxic Substances Control Act and the California Department of Toxic Substances Control's Green Chemistry Initiative. This important initiative in Europe is likely to shape the future of industrial hygiene for decades to come.

AGENDA
9:00 a.m.  Registration
9:30 a.m.  Welcome and Introductions
9:45 a.m.  Keynote Presentation: Pentti Kalliokoski
11:45 a.m. Light Lunch in Room
12:15 p.m. Presentations and panel discussion with stakeholders from 3M Company including Catherine Jacobson, Cheri Kedrowski, Robert Roy, and Josie Walton.
1:45 p.m.  Moderator Summary and Evaluation
2:00 p.m.  NLSOT Business Meeting
2:30 p.m.  Adjourn

REGISTRATION
Fee: $15 per person includes lunch  Register at: www.sph.umn.edu/ce/mcohs

Sponsored by the American Industrial Hygiene Association, the Midwest Center for Occupational Health and Safety (MCOHS), the Auditing Roundtable, Northland Chapter of the Society of Toxicology (NLSOT). The University of Minnesota is an equal opportunity educator and employer. Printed on recycled and recyclable paper.