

HEIDEN ASSOCIATES
HEALTH AND ENVIRONMENTAL REGULATION REPORTS

1. "Economic Assessment of Proposed EPA Rodenticide Risk Mitigation Decision", May 17, 2007 (filed with the U.S. Environmental Protection Agency).
2. (specific chemical) Incident Registry Database, for the American Chemistry Council (formerly Chemical Manufacturers Association), 2004-present
3. Analysis of Member Implementation of Security Code, for the American Chemistry Council (formerly Chemical Manufacturers Association), 2002-present
4. Analysis of Member Implementation of Responsible Care Codes for Distribution, Pollution Prevention, Employee Health and Safety, Product Stewardship, Process Safety, and Community Awareness and Emergency Response, for the American Chemistry Council (formerly Chemical Manufacturers Association), 1991-2002.
5. Analysis of Member Implementation of Responsible Care Codes for Distribution, Pollution Prevention, Employee Health and Safety, Product Stewardship, Process Safety, and Community Awareness and Emergency Response, for the Synthetic Organic Chemical Manufacturers Association (SOCMA), 1995-2001.
6. Summarization and Analysis of Chemical Incident Reports, for the Chlorine Institute, 1997-2002.
7. Statistical Analysis of Inter-laboratory Chemical Sample Round Robin Data, for the Chlorine Institute, 1998-2001.
8. "Price Elasticity Estimates for Three Major Categories of Portable Two-Stroke Power Equipment", for the Portable Power Equipment Manufacturers Association, June 26, 1995 (filed with the U.S. Environmental Protection Agency).
9. "Economic Analysis of Proposed Toxic Substances Control Act Pre-manufacture Notification Rule Amendments," for the Chemical Manufacturers Association, June 24, 1993 (filed with the U.S. Environmental Protection Agency).
10. "Portable Two-Stroke Power Equipment Emissions in the United States," for the Portable Power Equipment Manufacturers Association, February 26, 1993.

11. "The Cost-Effectiveness and Small Business Impact of OSHA's Proposed Regulatory Standards for Methylene Chloride," for the Halogenated Solvents Industry Alliance, August 24, 1992 (filed with the U.S. Occupational Safety and Health Administration).
12. "Proposed Data Collection and Analysis for Mine Safety and Health Administration Diesel Particulate Rulemaking," for the American Mining Congress, July 8, 1992 (filed with the U.S. Mine Safety and Health Administration).
13. "Economic Analysis: Proposed Determination of Critical Habitat for the Northern Spotted Owl," for Plum Creek Timber L.P., October 11, 1991 (filed with the U.S. Department of the Interior, Fish and Wildlife Service).
14. "Estimates of Non-Attainment Area Portable Two-Stroke Power Equipment Populations Based on Industry Shipments Data and Alternative Activity Models," for the Portable Power Equipment Manufacturers Association, October 7, 1991 (filed with EPA).
15. "A Preliminary Review of the Draft EPA/EEA Off-Road Equipment Emissions Inventory Methodology," for the Portable Power Equipment Manufacturers Association, July 31, 1991 (filed with EPA).
16. "Preliminary Economic Analysis: Proposed Determination of Critical Habitat for the Northern Spotted Owl," prepared for Plum Creek Timber L.P., June 4, 1991 (filed with the Fish and Wildlife Service).
17. "A Preliminary Assessment of the Economic Impact of CARB Regulations Limiting the VOC Content of Consumer Products," for the Western Aerosol Information Bureau, December 27, 1990 (filed with the California Air Resources Board).
18. "An Analysis of the Costs and Economic Impact of the Proposed CARB Emissions Standards for Portable Two-Stroke Power Equipment," for the Portable Power Equipment Manufacturers Association, December 6, 1990 (filed with the California Air Resources Board).
19. "Analysis of the Cost and Economic Impact of a 2 ppm Butadiene PEL on Butadiene Producers," for the Chemical Manufacturers Association, September, 1990 (filed with OSHA).
20. "A 1989 California Baseline Emissions Inventory for Total Hydrocarbon and Carbon Monoxide Emissions from Portable Two-Stroke Power Equipment," for the Portable Power Equipment Manufacturers Association, July 24, 1990 (filed with the California Air Resources Board).

21. "Analysis of Selected Issues Raised by the CONSAD Report on the Draft OSHA Regulatory Standard for Methylene Chloride," for the Halogenated Solvents Industry Alliance, April 30, 1990 (filed with OSHA).
22. "A Study of Industry Compliance Costs under the Final Comprehensive Assessment Information Rule," for the Chemical Manufacturers Association, December 14, 1989 (filed with EPA).
23. "The Cost for Crushed-Stone Using and Producing Industries to Comply with the Occupational Safety and Health Administration's Regulation Limiting Worker Exposure to Non-Asbestiform Actinolite, Tremolite, and Anthophyllite," for the National Stone Association, May 31, 1989 (filed with OSHA).
24. "Analysis of the Cost and Economic Impacts of EPA's Proposed FO32 Listing," for Vulcan Chemicals, April 19, 1989 (filed with EPA).
25. "A Critique of CARB's Cost-Effectiveness Assessment of Reducing Photochemically Reactive Organic Compound Emissions From Underarm Products," for the Chemical Specialties Manufacturers Association and the Cosmetic, Toiletry, and Fragrance Association, May 1988 (filed with the California Air Resources Board).
26. "Review and Rebuttal to CARB's Discussion of the Heiden Associates' Economic Impact Analysis Report," for the Chemical Specialties Manufacturers Association and the Cosmetic, Toiletry, and Fragrance Association, March 8, 1988 (filed with the California Air Resources Board).
27. "Analysis of Potential 15-Minute Short-Term Exposure Levels to Ethylene Oxide During Sterilizer Unloading in Industrial Medical Product Sterilization," for the Health Industry Manufacturers Association, February 22, 1988 (filed with OSHA and EPA).
28. "A Medical Products Industry Profile For Evaluating Compliance With Two Ethylene Oxide Workplace STEL Scenarios: 10 ppm STEL and 5 ppm STEL," for the Health Industry Manufacturers Association, February 22, 1988 (filed with OSHA and EPA).
29. "A Comparative Evaluation of the Meridian and Heiden Reports on Short-Term Occupational Exposure to Ethylene Oxide," for the Ethylene Oxide Industry Council of the Chemical Manufacturers Association, February 5, 1988 (filed with OSHA).
30. "An Estimate of Industry Costs For Compliance With Two Ethylene Oxide Workplace STEL Scenarios: Ethylene Oxide Product and Ethoxylation Plants," for the Ethylene Oxide Industry Council of the Chemical Manufacturers Association, February 5, 1988 (filed with OSHA).

31. "Additional Industry Profile Data for Evaluating Compliance with Three Butadiene Workplace PEL Scenarios," for the Chemical Manufacturers Association, November 20, 1987 (filed with OSHA and EPA).
32. "A Comparative Analysis of the Environmental Protection Agency's CAIR Pretest Results," for the Chemical Manufacturers Association, September 15, 1987 (filed with EPA and the Office of Management and Budget).
33. "An Estimate of Industry Cost For Compliance With the U.S. Environmental Protection Agency's Proposed Comprehensive Assessment Information Rule (CAIR)," for the Chemical Manufacturers Association, June 12, 1987 (filed with EPA and OMB).
34. "A Preliminary Critique of the U.S. Environmental Protection Agency's Contractor Analysis of the Cost and Economic Impact of the Proposed Comprehensive Assessment Information Rule," for the Chemical Manufacturers Association, March 6, 1987 (filed with EPA and OMB).
35. "An Estimate of Costs and Economic Impact of Complying With a Proposed EPA New Source Performance Standard for Volatile Organic Compound Emissions in the Magnetic Tape Coating Industry," for the International Tape/Disc Association, February 13, 1987 (filed with EPA).
36. "An Estimate of Industry Compliance Costs and Economic Impact for Compliance With Three Butadiene Workplace PEL Scenarios," for the Chemical Manufacturers Association, January 5, 1987 (filed with OSHA).
37. "An Estimate of Industry Regulatory Compliance Costs and Economic Impact for Meeting an OSHA Workplace Exposure Standard for 4,4'-Methylenedianiline (MDA)," for the Chemical Manufacturers Association, December 12, 1986 (filed with OSHA).
38. "An Economic Impact Analysis of the California Air Resources Board Proposed Regulation of PROC Content in Underarm Products," for the Chemical Specialties Manufacturers Association and the Cosmetic, Toiletry, and Fragrance Association, November 1986 (filed with CARB).
39. "Final Report Evaluating Economic Impact of Proposed OSHA Rule to Reduce Airborne Workplace Formaldehyde Levels," for the Formaldehyde Institute, June 30, 1986 (filed with OSHA).
40. "A Study of Estimated Costs of Reducing Airborne Formaldehyde Levels in Nine Industries," for the Formaldehyde Institute, August 15, 1985 (filed with OSHA).

41. "Comparison of Costs Associated With Utilizing Alternative In-Plant Techniques of Reducing Formaldehyde Emissions From Particleboard and Hardwood Plywood," for the Formaldehyde Institute, July 25, 1985 (filed with EPA).
42. "Impact of Suspect Hazard Designation on Chemical Use and Activity: A Pilot Study," for the U.S. Environmental Protection Agency, April 30, 1985.
43. "A Survey of Occupational Exposure to Uncured UF Resins in Seven Industries," for the Formaldehyde Institute, September 4, 1984.
44. "The Economic Impact on the Particleboard and Hardwood Plywood Industries of Proposed H.U.D. Formaldehyde Emissions Testing Requirements for Manufactured Home Production," for the Formaldehyde Institute, April 9, 1984.
45. "Analysis in the Incidental Manufacture, Process, Distribution, and Use of PCB's in Concentration Below 50 ppm in the Asphalt Manufacturing Industry," for the Chemical Manufacturers Association, 1983.
46. "Analysis of the Incidental Manufacture, Process, Distribution, and Use of PCB's in Concentrations Below 50 ppm in the Chemical Manufacturing Industry," for the Chemical Manufacturers Association, 1983.
47. "Feasibility of Establishing a Regulatory Data Base Under the Toxic Substances Control Act," for the Chemical Manufacturers Association, 1983.
48. "Impact in the Toxic Substances Control Act on Innovation in the Chemical Specialties Manufacturing Industry," for the Chemical Specialties Manufacturers Association, 1982.