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This list is considered a “working publication” and will be updated periodically. The resource information listed is available upon request by either contacting the reference source indicated or the Michigan Great Printers Project at (800) 662-0278.

## Reference SOURCE:

### INTERNET SITES

[Information that can be accessed via the internet]

American Industrial Hygiene Association: <http://www.aiha.org>

American Society of Safety Engineers: <http://www.asse.org>

Chemical Abstracts Service: <http://info.cas.org/welcome.html>

Code of Federal Regulations: <http://www.gpoaccess.gov/cfr/index.html>

Council of Great Lakes Industries: <http://www.cgli.org>

Design for the Environment (DfE): <http://www.epa.gov/dfe/projects/index.htm>

[DfE program facilitates information exchange and research on pollution prevention efforts. There are projects pertaining to lithographic, flexographic, gravure and screen printing. For example there is a project overview where the trade-offs associated with using 37 different lithographic blanket washes is evaluated.]

Digital Printing & Imaging Association (DPI): <http://www.dpia.org>

Earth 911: <http://www.earth911.org>

[Lists resources in each community for various environmental efforts, including paper recycling and household hazardous waste collection sites.]

EPA, Lithographic Printing Partnership: <http://www.epa.gov/dfe/projects/litho/index.htm>

Federal Register (FR) Environmental Documents: <http://www.epa.gov/docs/fedrgstr>

Flexographic Technical Association: <http://www.flexography.org>

Graphic Arts Blue Book: <http://www.gabb.com/>

Graphic Arts Information Network (GAIN): <http://www.gain.net/>

[Web based information pertaining to the Graphic Arts Technical Foundation and Printing Industries of America.]

Gravure Association of America: <http://www.gaa.org>

Great Lakes Information Network (GLIN): <http://www.great-lakes.net>

[GLIN links hundreds of agencies and organizations serving the Great Lakes region.]

International Association of Printing House Craftsmen: <http://www.iaphc.org>

[Site for printing craftsmen to share information regarding a variety of subjects.]

International Prepress Association: <http://ipa.org>

Michigan Department of Environmental Quality: <http://www.michigan.gov/deq>

Michigan Great Printers Project (MI-GPP): [http://www.michigan.gov/deq/1,1607,7-135-3585\\_4129\\_4189---,00.html](http://www.michigan.gov/deq/1,1607,7-135-3585_4129_4189---,00.html)

National Association for Printing Leadership (NAPL): <http://www.napl.org>

National Association of Litho Clubs (NALC): <http://www.graphicarts.org>

National Association of Printing Ink Manufacturers: <http://www.ippic.org/napim.htm>

National Institute for Occupational Safety and Health: <http://www.cdc.gov/niosh>

National Safety Council: <http://www.nsc.org>

Pollution Solutions University of Missouri - Printing: <http://outreach.missouri.edu/polsol/print.htm>

Printers' National Environmental Assistance Center (PNEAC): <http://www.pneac.org>

[PNEAC is a communications-based center linking trade, governmental, and university service providers to compliance assistance and pollution prevention information for the printing industry.]

Printimage International: <http://www.printimage.org>

Printing Industry of Michigan (PIM): <http://www.print.org>

[Printing trade association in Michigan affiliated with the National Printing Industries of America. This homepage offers information on PIM resources, membership, workshops, etc.]

PrintStep: <http://www.epa.gov/compliance/assistance/sectors/printstep.html>

[The goal of EPA's PrintStep (Printers' Simplified Total Environmental Partnership) system is to help the printing industry and the public achieve cleaner, cheaper, and smarter environmental protection through the creation of a simpler regulatory "framework".]

Recycler's World: <http://www.recycle.net/recycle/sites/yahoo.html>

Screenweb: <http://www.screenweb.com>

Silver Council: <http://silvercouncil.org>

Small Business Environmental Home Page: [http://www.smallbiz-enviroweb.org/pub\\_video/pubsector.asp](http://www.smallbiz-enviroweb.org/pub_video/pubsector.asp)

[Use the pull-down menu to select the printing industry.]

TechSolve: <http://www.techsolve.org/>

[A not-for-profit organization focused on helping manufacturers through respected, solution-focused and implementable process improvements.]

U.S. Department of Labor's OSHA Home Page: <http://www.osha.gov>

U.S. Environmental Protection Agency: <http://www.epa.gov>

[Home page to the U.S. EPA, which contains a vast resource of information on the US EPA's programs, regions, etc.]

Vermont SIRI MSDS Collection: <http://hazard.com/msds/>

[A searchable MSDS site by either company name and/or products.]

Waterless Printing Association: <http://waterless.org>

### LIST SERVERS

(A list server is a network of individuals who communicate via an e-mail system regarding a specific topic, e.g. printing technology and/or regulations, pollution prevention technologies)

P2Print: <http://www.great-lakes.net/lists/p2print/p2print.info>

[Provides a forum for printers in the Northeast and Great Lakes region to communicate with environmental regulatory staff and technical assistance staff in a confidential manner on environmental issues. Contact: Lisa Regenstein, Northeast Waste Management Officials Association at [newmoa@aol.com](mailto:newmoa@aol.com).]

P2RxWeb: <http://www.great-lakes.net/lists/p2rxweb/p2rxweb.info>

[P2Rx is a national network of regional centers that provides access to pollution prevention information, research and expertise. This list involves P2Rx members interested in discussing web-related issues. Contact: Juna Snow, Illinois Waste Management and Research Center, at [listman@wmrc.uiuc.edu](mailto:listman@wmrc.uiuc.edu).]

P2Tech: <http://www.great-lakes.net/lists/p2tech/p2tech.info>

[An information-sharing forum for pollution prevention technical assistance providers. Discussions of pollution prevention solutions to technical and engineering problems. Contact: Juna Snow, Illinois Waste Management and Research Center, at [listman@wmrc.uiuc.edu](mailto:listman@wmrc.uiuc.edu).]

PrintReg: <http://www.pneac.org/listserv>

[Focused on the development, application and interpretation of environmental regulations affecting printers. PRINTREG provides a forum for regulators to discuss different approaches to specific printing-related issues, and to solicit informal feedback from industry experts. Subscribe at <http://www.pneac.org/listserv/subscribe.html>]

PrintTech: <http://www.pneac.org/listserv>

[Focuses on the technical aspects of environmental compliance issues faced by printers. Special attention is given to providing practical information on materials, practices and technologies that can prevent wastes and emissions at their source. Subscribe at <http://www.pneac.org/listserv/subscribe.html>]

SBO-SBAP: <http://www.smallbiz-enviroweb.org/>

[Provides a forum for the small business community to exchange ideas and share information on environmental compliance and pollution prevention issues. Subscribe at <http://www.smallbiz-enviroweb.org/list/maillist.html>]

### PHONE CONTACTS

1-800-662-9278: Environmental Assistance Center, Environmental Science and Services Division - Michigan Department of Environmental Quality.

[Environmental Assistance Center's goal is to provide Michigan businesses, municipalities, public agencies and the public with timely and effective environmental assistance.]

517-487-9539: Michigan Environmental Council, Michigan Great Printers Project Partner.

800-662-9278: Michigan Department of Environmental Quality, Michigan Great Printers Project Partner.

800-482-1355: Printing Industries of Michigan, Michigan Great Printers Project Partner.

202-566-0799: Pollution Prevention Information Clearinghouse, U.S. Environmental Protection Agency.

888-US-PNEAC: Printer's National Environmental Assistance Center.

800-368-5888: Small Business Ombudsman Clearinghouse, U.S. Environmental Protection Agency.

### Reference SUBJECT:

#### BLANKET WASHES

Blanket Wash Solutions for Small Printers, U.S. Environmental Protection Agency, EPA 744-F-95-005, September 1995. Available for viewing on the internet at <http://www.epa.gov/opptintr/dfe/pubs/lithography/factsheet/lithofs.pdf>

Blanket Wash Technology Study: An Evaluation of Commercially Available Blanket Washes, The Massachusetts Toxics Use Reduction Institute, University of Massachusetts Lowell, Technical Report No. 16, 1994. To order call (978) 934-3390 or email <[mary\\_vidal@uml.edu](mailto:mary_vidal@uml.edu)>

Cleaner Technologies Substitutes Assessment: Lithographic Blanket Washes, U.S. Environmental Protection Agency, EPA 744-R-97-006, September 1997. Available for viewing on the internet at <http://www.epa.gov/opptintr/dfe/pubs/lithography/ctsa/litho.pdf>

Cleaning Up the Cleanup: Shepard Poorman's Switch to Automatic Washup for Sheetfed Presses, GATFWORLD, volume 4, issue 4, 1992, p. 33-35.

Design for the Environment Lithography Project Bulletin #1: Substitute Blanket Washes: Making Them Work, U.S. Environmental Protection Agency, EPA 744-F-96-002, August 1996. Available for viewing on the internet at <http://www.epa.gov/dfe/pubs/lithography/bulletins/bullet01/lithob1.pdf>

Design for the Environment Lithography Project Bulletin #3: Vegetable Ester Blanket Washes, U.S. Environmental Protection Agency, EPA 744-F-96-014, October 1996. Available for viewing on the internet at <http://www.epa.gov/dfe/pubs/lithography/bulletins/bullet03/lithob3.pdf>

Design for the Environment Lithography Project Bulletin #4: A Worksheet to Help You Choose a Better Wash, U.S. Environmental Protection Agency, EPA 744-F-96-015, October 1996. Available for viewing on the internet at <http://www.epa.gov/dfe/pubs/lithography/bulletins/bullet04/lithob4.pdf>

Lithography Project Fact Sheet: Blanket Wash Solutions for Small Printers, U.S. Environmental Protection Agency, EPA 744-F-95-008, September 1995. Available for viewing on the internet at <http://www.epa.gov/dfe/pubs/lithography/factsheet/index.htm>

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### COMPLIANCE

Commercial Printing Industry, Compliance and Pollution Prevention Workbook, Pacific Northwest Pollution Prevention Resource Center (206) 352-2050. Available for viewing on the internet at <http://www.pprc.org/pprc/sbap/workbook/tocprint.html>

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Federal Environmental Regulations Potentially Affecting the Commercial Printing Industry, U.S. Environmental Protection Agency, EPA 744-B-94-001, March 1994. Available for viewing on the internet at <http://www.epa.gov/dfe/pubs/printing/fedregs/printreg.pdf>

HAP Emission Calculation Sheet For Lithographic Printers, Michigan Department of Environmental Quality, Environmental Science and Services Division, Clean Air Assistance Program, EQP 3560 (09/97). Available for viewing on the internet at <http://www.deq.state.mi.us/documents/deq-ead-caap-printers-eqp3560.pdf>

Permit to Install Exemption Record for Lithographic Printers, Michigan Department of Environmental Quality, Environmental Science and Services Division, Clean Air Assistance Program, EQP 3559 (09/97). Available for viewing on the internet at <http://www.deq.state.mi.us/documents/deq-ead-caap-printers-eqp3559.pdf>

RCRA in Focus: The Printing Industry, U.S. Environmental Protection Agency, EPA 530-K-97-007, January 1998. Available for viewing on the internet at <http://www.epa.gov/epaoswer/hazwaste/id/infocus/printing.pdf>

Regulatory Guide for the Michigan Lithographic Printing Industry (2<sup>nd</sup> Edition), Michigan Department of Consumer and Industry Services and Michigan Department of Environmental Quality, June 2003. Available for viewing on the internet at [http://www.michigan.gov/deq/1,1607,7-135-3585\\_4129\\_4189-10480--,00.html](http://www.michigan.gov/deq/1,1607,7-135-3585_4129_4189-10480--,00.html)

VOC Emission Calculation Sheet For Lithographic Printers, Michigan Department of Environmental Quality, Environmental Science and Services Division, Clean Air Assistance Program, EQP 3561 (09/97). Available for viewing on the internet at <http://www.deq.state.mi.us/documents/deq-ead-caap-printers-eqp3561.pdf>

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Environmental Management and Pollution Prevention: A Guide for Screen Printers, Washington State Department of Ecology, September 1994, Publication 94-137. Available for viewing on the internet at <http://www.ecy.wa.gov/pubs/94137.pdf>

Environmental Management Guides, CleanPrintBC, Provides guides for Flexography, Offset Printing, and Screen Printing. Available for viewing on the internet at [http://www.cleanprint.org/bc/html/g\\_01.htm](http://www.cleanprint.org/bc/html/g_01.htm)

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## GENERAL

Alcohol-Free Printing, Graphic Arts Technical Foundation, SS Number 74. Available for viewing on the internet at <http://www.pneac.org/sheets/litho/alcoholfreeprinting.pdf>

Cleaner Technology Substitutes Assessment: A Methodology and Resources Guide, U.S. Environmental Protection Agency, EPA 744-R-95-002, December 1996. Available for viewing on the internet at <http://www.epa.gov/cgi-bin/claritgw?op-Display&document=clserv:OPPTS:1007;&rank=4&template=epa>

"Dow, McKay Cooperate on Cleaner for Presses," Midland Daily News, Midland, MI., October 1, 1994, section A, p.6. Available by contacting the Library at (989)-839-4248 or email <mdnlibrary@mdn.net>

Industrial Ecology (2<sup>nd</sup> Edition), T.E. Graedel and B.R. Allenby, Prentice Hall, Englewood Cliffs, New Jersey, 2002. ISBN: 0-13046-7138.

Paper Task Force Recommendations for Purchasing and Using Environmentally Preferable Paper, Duke University, Environmental Defense Fund, Johnson & Johnson, McDonald's, The Prudential Insurance Company of America, and Time Inc. December 1995. (212) 505-2100. Available for viewing on the internet at [http://www.environmentaldefense.org/documents/815\\_PTFsynopsis.pdf](http://www.environmentaldefense.org/documents/815_PTFsynopsis.pdf)

## PRINTING INDUSTRY RESOURCE LIST

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Profile of the Printing Industry; U.S. Environmental Protection Agency, EPA 310-R-95-014, August 1995. Available for viewing on the internet at <http://www.epa.gov/compliance/resources/publications/assistance/sectors/notebooks/printing.html>

Summary of Focus Group Discussions with Screen Printers and Lithographers for the Design for the Environment Printing Project, U.S. Environmental Protection Agency, EPA 742-R-94-004, June 1994. Available for viewing on the internet at <http://www.epa.gov/opptintr/dfepubs/printing/focusgrp/focusgrp.pdf>

### MICHIGAN GREAT PRINTERS PROJECT

Becoming a Great Printer: Reduce • Reuse • Recycle, Michigan Department of Environmental Quality, Environmental Science and Services Division, Michigan Great Printers Project, 2000. Available for viewing on the internet at: <http://www.deq.state.mi.us/documents/deq-ead-p2-migpp-gppbroc20.pdf>

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Michigan Great Printers Project Progress Report I, Michigan Department of Environmental Quality, Environmental Assistance Division, Michigan Great Printers Project, December 1998. Available for viewing on the internet at: <http://www.deq.state.mi.us/documents/deq-ead-p2-migpp-anlrpt1.pdf>

Pollution Prevention Checklist and Strategies for the Lithographic Printing Industry, Michigan Department of Environmental Quality, Environmental Science and Services Division, Michigan Great Printers Project, 1996. Available for viewing on the internet at <http://www.deq.state.mi.us/documents/deq-ead-p2-migpp-gppp2ck.pdf>

“Pollution Prevention: Michigan Great Printers Pilot . . . A Pollution Prevention Initiative,” State of the Great Lakes 1994 Annual Report, Michigan Department of Natural Resources, Office of the Great Lakes, 1994, p. 23.

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Understanding Hazardous Waste Generation and Responsibilities: An Introductory Guide for Lithographic Printers, Michigan Department of Environmental Quality, Environmental Science and Services Division, Michigan Great Printers Project, 1996. Available for viewing on the internet at <http://www.deq.state.mi.us/documents/deq-ead-p2-migpp-print2a.pdf>

### INKS

A Revolutionary Alternative: Soybean Inks Printing and the Environment, inFORMer, vol 6, no. 2, July 1991. <http://www.lightnet.co.uk/informer/environment/>

Alternatives to Petroleum- and Solvent-Based Inks, The Massachusetts Toxics Use Reduction Institute, University of Massachusetts Lowell, One University Avenue, Lowell, MA, 01854. June 1994. Available for viewing on the internet at <http://es.epa.gov/techinfo/facts/mass/tura-fs6.html>

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Fact Sheet: Managing Towels, Wipes, and Sorbents, Minnesota Technical Assistance Program, Minneapolis, MN, February 2001. Available for viewing on the internet at <http://www.pca.state.mn.us/publications/w-hw4-61.pdf>

Flexographic Ink Options: A Cleaner Technologies Substitutes Assessment, U.S. Environmental Protection Agency, EPA 744-R-00-004A&B, November 2000. Available for viewing on the internet at <http://www.epa.gov/dfe/pubs/flexo/ctsa/index.html>

On-Site Waste Ink Recycling, Project Summary, U.S. Environmental Protection Agency, EPA 600-SR-92-251, February 1993. Available for viewing on the internet at <http://www.pneac.org/sheets/litho/onsiteinkrecycle.pdf>

Project Summary: Ink and Cleaner Waste Reduction Evaluation for Flexographic Printers, U.S. Environmental Protection Agency, EPA 600-SR-93-086, July 1993. Available for viewing on the internet at <http://www.epa.gov/cgi-bin/claritgw?op-Display&document=clserv:ORD:1580;&rank=48&template=epa>

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Achievement in Source Reduction and Recycling for Ten Industries in the United States, U.S. Environmental Protection Agency, EPA 600-2-91-051, September 1991. Available for viewing on the internet at <http://www.epa.gov/cgi-bin/claritgw?op-Display&document=clserv:ORD:0124;&rank=4&template=epa>

Business Waste Reduction: Creating an Action Plan, MERRA and Resource Recycling Systems, Inc. for the Environmental Services Division, August 1993. 1-800-662-9278.

Checklist for Print Shops, New Jersey Small Business Environmental Assistance Program. (877-753-1151)

Commercial Printing and Pollution Prevention, Pollution Prevention Bulletin, vol. 3, no., Spring 1994, p. 3.

Compliance and Pollution Prevention Guidebook for Indiana Printers: Lithographers Taking the Road to Environmental Excellence, Indiana Department of Environmental Management. Available for viewing on the internet at <http://www.in.gov/idem/ctap/printer/manual/>

Environmental Management and Pollution Prevention: A Guide for Photo Processors, Washington State Department of Ecology. Available for viewing online at <http://www.ecy.wa.gov/pubs/94138.pdf>

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## PRINTING INDUSTRY RESOURCE LIST

Guide to Industrial Assessments for Pollution Prevention and Energy, U.S. Environmental Protection Agency, EPA 625-R-99-003, June 2001. [Printing indexed on page 178] Available for online viewing at <http://www.epa.gov/ordntrnt/ORD/NRMRL/Pubs/2001/energy/complete.pdf>

Guides to Pollution Prevention: The Commercial Printing Industry, U.S. Environmental Protection Agency, EPA 625-7-90-008, August 1990. Available for viewing on the internet at <http://www.epa.gov/cgi-bin/claritgw?op-Display&document=clserv:ORD:1947;&rank=4&template=epa>

Improve Efficiency and Reduce Waste Through Process Control in the Lithographic Printing Industry, Institute of Advanced Manufacturing Sciences Inc.; Printing Industries Association of Southern Ohio; and the U.S. Environmental Protection Agency. Available for viewing on the internet at [http://www.techsolve.org/pollution\\_prev/printweb.htm](http://www.techsolve.org/pollution_prev/printweb.htm)

Industrial Pollution Prevention Handbook, Harry M. Freeman. McGraw-Hill Professional, 1995. ISBN: 0070221480

Pollution Prevention Assessment of the Office of State Printing, California Environmental Protection Agency, Department of Toxic Substances Control and County of Sacramento, Hazardous Materials Division; Department of Toxic Substances Control, Office of Pollution Prevention and Technology Department, 1001 I Street, P.O. Box 806, Sacramento, CA, 95812-0806. April 1991 (Revised October 1991).

Pollution Prevention for the Printing Industry: A Manual for Pollution Prevention Technical Assistance Providers, U.S. Environmental Protection Agency, EPA 742-B-97-004, February 1997. Available for viewing on the internet at <http://www.epa.gov/cgi-bin/claritgw?op-Display&document=clserv:OPPTS:0679;&rank=4&template=epa>

Pollution Prevention Guide for the Printing Industry, Delaware Pollution Prevention Program, Department of Natural Resources and Environmental Control, Division of Air and Waste Management. UNEP 025-45; UNEP IE review 8/97. Available for viewing on the internet at <http://www.dnrec.state.de.us/del-prnt.htm>

Pollution Prevention Manual for Lithographic Printers, Iowa Waste Reduction Center, University of Northern Iowa, Funded by the U.S. Environmental Protection Agency, Risk Reduction Engineering Lab under Cooperative Agreement CR 821492-01-0. Available for viewing on the internet at <http://www.iwrc.org/pubs/P24LP.pdf>

Printing Pollution Prevention Opportunities Checklist, County Sanitation Districts of Los Angeles County, Solid Waste Management, December 1990. Available for viewing on the internet at: <http://es.epa.gov/techinfo/facts/cheklst8.html>

Total Quality Management: A Framework for Pollution Prevention, Quality Environmental Management Subcommittee, President's Commission on Environmental Quality, Washington, D.C., January 1993. (202) 395-5750.

Waste Education Series: Solid and Hazardous Waste Education Center, Madison, Wisconsin

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Management of Solvent and Wipes in the Printing Industry, 425.WP.9808 Available for viewing on the internet at <http://www.uwex.edu/shwec/Pubs/pdf/mgt%20solvwip.pdf>

Waste Reduction Opportunities for Printers, 425.WP.9408 Available for viewing on the internet at <http://www.uwex.edu/shwec/Pubs/pdf/425wp9408.pdf>

Waste Prevention Tips: Printing & Photocopy Shops, City of Ann Arbor, Solid Waste Department, PO Box 8647, Ann Arbor, MI. 48107, 734-994-2807.

### SHOP TOWELS

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## WASTE MANAGEMENT

Catalogue of Hazardous and Solid Waste Publications (Fourteenth Edition), U.S. Environmental Protection Agency, EPA 530-B-01-001, September 2001. Available for viewing on the internet at <http://www.epa.gov/osw/catalog.pdf>

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Environmental Research Brief: Waste Reduction Activities and Options for a Printing Plate Preparation Section of a Newspaper, U.S. Environmental Protection Agency, EPA 600-S-92-053, October 1992. Available for viewing on the internet at <http://www.epa.gov/cgi-bin/claritgw?op-Display&document=clserv:ORD:1342;&rank=4&template=epa>

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## Reference TYPE

### FACT SHEETS & CASE STUDIES (General)

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