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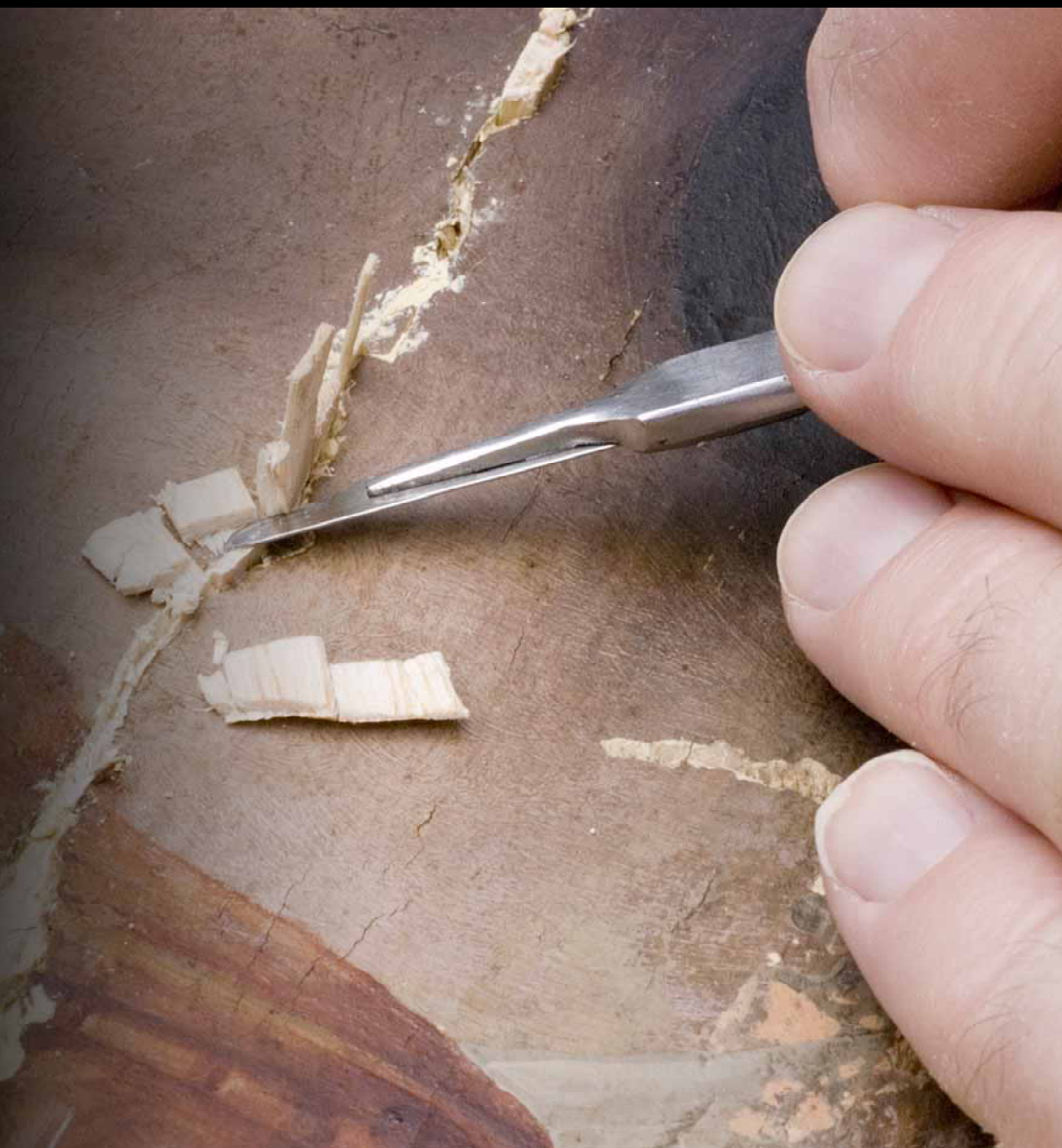
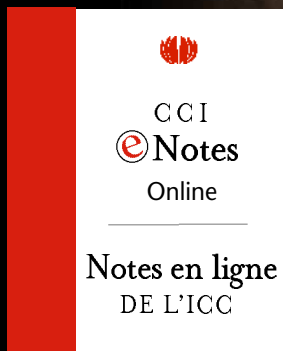
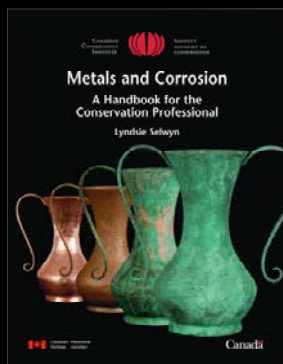
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# Publications and Special Products



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In keeping with the policies of many other publishing companies, CCI has introduced a separate pricing structure for clients outside Canada. All prices are in Canadian dollars.

Cover photo: Conservation treatment of this 16th-century panel painting included filling the cracks with balsa wood.

### GENERAL INFORMATION

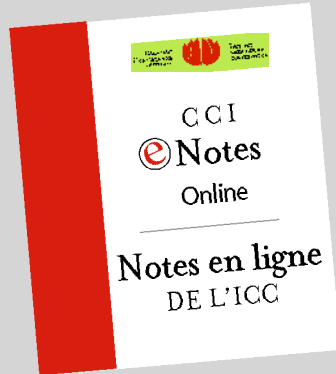
This catalogue contains listings of all English-language CCI publications and special products that are currently available. It can also be viewed on the CCI Web site ([www.cci-icc.gc.ca](http://www.cci-icc.gc.ca)) and orders can be placed directly through the completely secure online Bookstore. Most publications are available in English and in French, but CCI will also issue licences that allow you to translate and produce them in other languages. To explore this option, contact Client Services (tel.: 613-998-3721 or 1-866-998-3721; e-mail: [cci-icc\\_services@pch.gc.ca](mailto:cci-icc_services@pch.gc.ca)).

For more information, please contact Publications Sales at:  
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Quantity discounts are available;  
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*Ce catalogue est aussi offert en français.*

# FEATURE PUBLICATIONS



## Introducing CCI eNotes Online

The CCI Notes series will be released in an electronic format in the e-Services section of the CCI Web site ([www.cci-icc.gc.ca](http://www.cci-icc.gc.ca)) on April 1, 2007.

- Available in html and pdf versions
- Accessible in both English and French
- New and revised Notes added as they are released
- FREE in Canada

Watch for the release of CCI eNotes on our Web site or sign up for e-mail updates of new publications.

In Canada: FREE

Other countries: \$80.00 one-time fee for perpetual online access

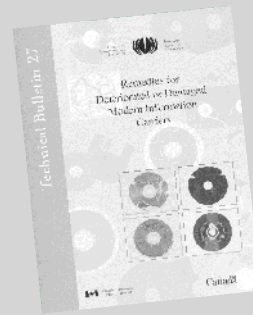


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by Sherry Guild and Maureen MacDonald

Mould infestation in heritage collections can damage artifacts and may pose a health risk to individuals who work with these collections. This Technical Bulletin presents information on mould morphology, prevention of mould growth, actions to take should mould occur, and health effects relating to mould exposure. It informs the reader how to remove mould growth from artifacts and it describes the appropriate personal protective equipment to wear when working in a mould-contaminated environment or when working with mould-infested artifacts.

ISBN 0-662-35932-1 – 21.5 x 28 cm (8.5 x 11")  
paperback, 35 pp. – 2004  
In Canada: \$20 – Other countries: \$25



## TB #27 Remedies for Deteriorated or Damaged Modern Information Carriers

by Joe Iraci

Modern information carriers encompass optical discs (CDs and DVDs) and magnetic media such as tapes (audio, video, computer) and disks. These carriers differ from traditional materials in that the information they contain cannot be viewed directly, it can only be accessed by playing the carriers on a machine. And for the carriers to play properly, they must be in relatively good condition. This Technical Bulletin discusses the myriad types of damage that can occur to modern information carriers due to age deterioration, poor storage conditions, or poor handling practices, and presents various remedies to restore these carriers to a playable condition.

ISBN 0-660-19527-5 – 21.5 x 28 cm (8.5 x 11")  
paperback, 23 pp. – 2005  
In Canada: \$15 – Other countries: \$18.75

## CCI Notes

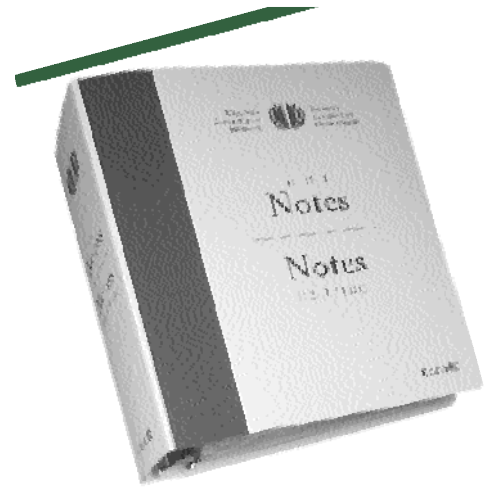
CCI Notes offer practical advice about issues and questions related to the care, handling, and storage of cultural objects. Many Notes are illustrated, and some provide bibliographies as well as suggestions for contacting suppliers.

Format: Varies from 1 to 6 pages; 3-hole punched for insertion into a binder.

CCI Notes are available in English, French, and Spanish.

**Coming in April 2007!**

CCI **Notes**, the electronic version of the CCI Notes, will be available online in English and in French in the **Services** section of the CCI Web site.



### Care of Collections – General Guidelines

- N1/1 Precautions for Storage Areas 2002
- N1/2 Cleaning Glass and Acrylic Display Cases 1996
- N1/3 Closing a Museum for the Winter 1988
- N1/4 Making Triwall Containers 1997
- N1/5 Applying Registration Numbers to Paintings and Sculptures 1994
- N1/6 Time Capsules 1995
- N1/7 Mercury in Museum Collections 2002

### Preventive Conservation

- N2/1 Ultraviolet Filters 1994
- N2/2 Daylite Fluoro-Spray Floodlight 1988 (discontinued)
- N2/3 Track Lighting 1992
- N2/4 Environmental Monitoring Kit 1998
- N2/5 Using a Camera to Measure Light Levels 1992 (discontinued)
- N2/6 Fire Protection Issues for Historic Buildings 1998
- N2/7 Museum Fires and Losses 1998
- N2/8 Automatic Sprinkler Systems for Museums 1998

### The Museum Environment – Biological Factors

- N3/1 Preventing Infestations: Control Strategies and Detection Methods 1996
- N3/2 Detecting Infestations: Facility Inspection Procedure and Checklist 1996
- N3/3 Controlling Insect Pests with Low Temperature 1997
- N3/4 Psocids or "Book Lice": A Warning of Dampness 1998

### Archaeological and Field Conservation

- N4/1 Identifying Archaeological Metal 2002
- N4/2 Vacuum Freeze-drying Archaeological Artifacts 2002
- N4/3 Conservation of Wet Faunal Remains: Bone, Antler, and Ivory 2002

### Ceramics and Glass

- N5/1 Care of Ceramics and Glass 1997

### Ethnographic Materials

- N6/1 Care of Ivory, Bone, Horn and Antler 1988
- N6/2 Care of Basketry 1988
- N6/3 Care of Canoes, Kayaks and Umiaks 1989
- N6/4 Care of Objects Decorated with Glass Beads 1994
- N6/5 Care of Quillwork 1991
- N6/6 A Replication Technique for Damaged Basketry 1989 (discontinued)
- N6/7 Totem Poles Displayed Indoors 2002
- N6/8 Totem Poles Displayed Outside 2002

### Furniture and Wooden Objects

- N7/1 Care and Cleaning of Unfinished Wood 2002
- N7/2 Care of Furniture Finishes 2002

### Leather, Skin, and Fur

- N8/1 Removing Mould from Leather 1993
- N8/2 Care of Alum, Vegetable, and Mineral Tanned Leather 1992
- N8/3 Care of Mounted Specimens and Pelts 1988
- N8/4 Care of Rawhide and Semi-Tanned Leather 1992

### Metals

- N9/1 Recognizing Active Corrosion 1997
- N9/2 Storage of Metals 1995
- N9/3 The Cleaning, Polishing and Protective Waxing of Brass and Copper 1988
- N9/4 Basic Care of Coins, Medals and Medallion Art 1997
- N9/5 Tannic Acid Treatment 1997
- N9/6 Care and Cleaning of Iron 1995
- N9/7 Silver – Care and Tarnish Removal 1997
- N9/8 Mechanical Removal of Rust from Machined Ferrous Surfaces 1996
- N9/9 Care of Objects Made of Zinc 2002



## Notas del ICC

CCI is pleased to provide 89 (of the 105) CCI Notes in Spanish. The translation was done by the Centro Nacional de Conservación y Restauración (CNCR) in Santiago, Chile, under the auspices of a Memorandum of Understanding with CCI and with funding from the Fundación Andes. Clients in Central and South America and the Caribbean can obtain Notas del ICC directly from CNCR. All other clients can order the set from CCI.

ISSN 0717-3601 – 21.5 x 28 cm (8.5 x 11") – 3-hole punched and inserted into binder  
1999 – In Canada: \$85 – Other countries: \$106

## Paintings and Polychrome Sculptures

- N10/1 Cleaning Paintings: Precautions 1995
- N10/2 Making Padded Blocks 1995
- N10/3 Storage and Display Guidelines for Paintings 1993
- N10/4 Environmental and Display Guidelines for Paintings 1993
- N10/5 Emergency Treatment of Water-Damaged Paintings on Canvas 1997
- N10/6 Condition Reporting – Paintings. Part I: Introduction 1993
- N10/7 Condition Reporting – Paintings. Part II: Examination Techniques and a Checklist 1993
- N10/8 Framing a Painting 1993
- N10/9 Keying Out of Paintings 1993
- N10/10 Backing Boards for Paintings on Canvas 1993
- N10/11 Condition Reporting – Paintings. Part III: Glossary of Terms 1994
- N10/12 Removing a Painting from its Frame 1993
- N10/13 Basic Handling of Paintings 1993
- N10/14 Care of Paintings on Ivory, Metal, and Glass 1993
- N10/15 Paintings: Considerations Prior to Travel 1993
- N10/16 Wrapping a Painting 1998
- N10/17 Know Your Paintings – Structure, Materials, and Aspects of Deterioration 2002

## Paper and Books

- N11/1 Making Protective Enclosures for Books and Paper Artifacts 1996
- N11/2 Storing Works on Paper 1995
- N11/3 Glazing Materials for Framing Works on Paper 1996
- N11/4 Wheat Starch Paste 1993
- N11/5 Matting Works on Paper 1997
- N11/6 Removing Paper Artifacts from Their Frames 1993
- N11/7 Basic Care of Books 1995
- N11/8 Display Methods for Books 1994
- N11/9 Framing Works of Art on Paper 1995
- N11/10 Encapsulation 1995

## Stone and Plaster

- N12/1 Care of Argillite 1992
- N12/2 Care of Objects Made of Plaster of Paris 2002

## Textiles and Fibres

- N13/1 Textiles and the Environment 1992
- N13/2 Flat Storage for Textiles 1993
- N13/3 Rolled Storage for Textiles 1993
- N13/4 Velcro Support System for Textiles 1996
- N13/5 Hanging Storage for Costumes 1994
- N13/6 Mounting Small, Light, Flat Textiles 1995
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- N13/8 Applying Accession Numbers to Textiles 1994

- N13/9 Anionic Detergent 1992
- N13/10 Stitches Used in Textile Conservation 1995
- N13/11 Natural Fibres 1996
- N13/12 Storage for Costume Accessories 1994
- N13/13 Commercial Dry Cleaning of Museum Textiles 1995
- N13/14 Testing for Colourfastness 1996
- N13/15 Mould Growth on Textiles 1996

## Planning for Disaster Management

- N14/1 Emergency Preparedness for Cultural Institutions: Introduction 1995
- N14/2 Emergency Preparedness for Cultural Institutions: Identifying and Reducing Hazards 1995

## Modern Materials and Industrial Collections

- N15/1 Care of Objects Made from Rubber and Plastic 1997
- N15/2 Care of Machinery Artifacts Displayed or Stored Outside 1993
- N15/3 Display and Storage of Museum Objects Containing Cellulose Nitrate 1994
- N15/4 Indoor Display of Industrial Collections 1998
- N15/5 Lubrication for Industrial Collections 2002
- N15/6 Trade Literature for Industrial Collections 2002
- N15/7 Rubber Components in Industrial Collections 2002

## Care of Photographic Materials

- N16/1 Care of Encased Photographic Images 1995
- N16/2 Care of Black-and-White Photographic Glass Plate Negatives 1995
- N16/3 Care of Black-and-White Photographic Negatives on Film 1996
- N16/4 Care of Black-and-White Photographic Prints 1996
- N16/5 Care of Colour Photographic Materials 1996
- N16/6 Processing Contemporary Black-and-White Photographic Films and Papers 1996

## Spot Tests in Conservation

- N17/1 The Beilstein Test: Screening Organic and Polymeric Materials for the Presence of Chlorine, with Examples of Products Tested 1993
- N17/2 The Diphenylamine Spot Test for Cellulose Nitrate in Museum Objects 1994

## Conservation Equipment

- N18/1 An Inexpensive and Simple Tacking Iron 1995 (discontinued)
- N18/2 Making a Mini Vacuum Cleaner 1993 (discontinued)
- N18/3 Construction of a “Soft” Profile Gauge 1997

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## Technical Bulletins

Technical Bulletins are published as a means of disseminating information on current techniques and principles of conservation of use to curators and conservators of cultural artifacts. They provide detailed information of a specialized technical nature about selected conservation and care-of-collections topics. The Technical Bulletins are illustrated, and include bibliographies in addition to suggestions for contacting suppliers.

Format: All Technical Bulletins measure 21.5 x 28 cm (8.5 x 11") and have b/w illustrations.

Note: TBs 1, 2, 3, 5, 6, 7, 8, and 9 are out of print; TBs 4, 12, 14, and 16 are bilingual English/French in recto/verso format; all other TBs are available in English and in French.

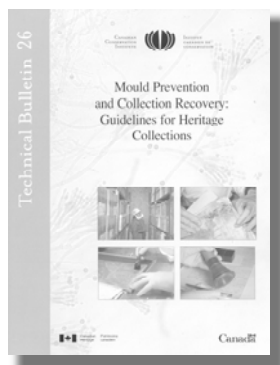


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ISBN 0-660-19527-5  
paperback, 23 pp.  
2005  
In Canada: \$15  
Other countries: \$18.75

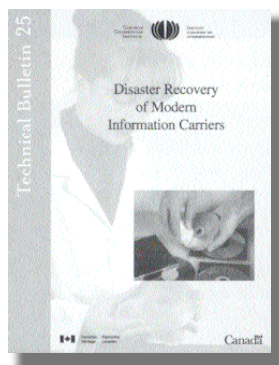


### **TB #26 Mould Prevention and Collection Recovery: Guidelines for Heritage Collections**

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and Maureen MacDonald

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ISBN 0-662-35932-1  
paperback, 35 pp.  
2004  
In Canada: \$20  
Other countries: \$25

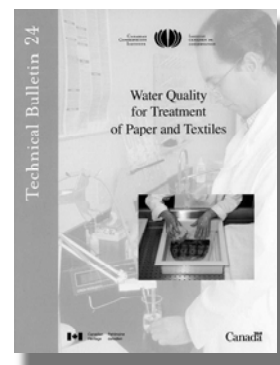


### **TB #25 Disaster Recovery of Modern Information Carriers: Compact Discs, Magnetic Tapes, and Magnetic Disks**

by Joe Iraci

This Technical Bulletin summarizes some procedures for the disaster recovery of modern information carriers such as CDs, magnetic diskettes, and magnetic tapes following immersion in tap water, seawater, and dirty water. Procedures are also given for dealing with media that have hard-to-remove deposits on them or have been exposed to heat, dust/dirt, mould, and shock. This information represents one piece of a comprehensive disaster plan; for disasters to be handled effectively, other key elements such as those dealing with disaster preparedness also need to be in place.

ISBN 0-662-33031-5  
paperback, 15 pp.  
2002  
In Canada: \$10  
Other countries: \$12.50

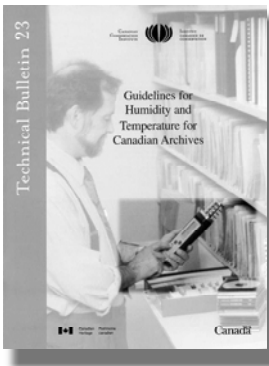


### **TB #24 Water Quality for Treatment of Paper and Textiles**

by Season Tse

The installation of water purification systems in conservation treatment laboratories has become standard practice in recent years. Choosing a suitable system within a given budget requires knowledge of the way the systems work, the factors that influence the quality of water, and the water quality requirements for treatment. This Technical Bulletin provides basic information about water purification methods, and guidelines for water quality requirements for treatment of paper and textile artifacts.

ISBN 0-662-30078-5  
paperback, 12 pp.  
2001  
In Canada: \$10  
Other countries: \$12.50

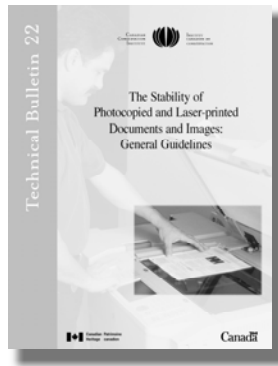


### **TB #23 Guidelines for Humidity and Temperature in Canadian Archives**

by Stefan Michalski

This Technical Bulletin discusses temperature and humidity recommendations for archives, and explains how and why they have changed. It also provides practical strategies and straightforward advice to help you meet these new guidelines and protect your collections. Although aimed primarily at those in cold-weather climates, the information is applicable to all archives.

ISBN 0-662-29509-9  
paperback, 20 pp.  
2000  
In Canada: \$15  
Other countries: \$18.75

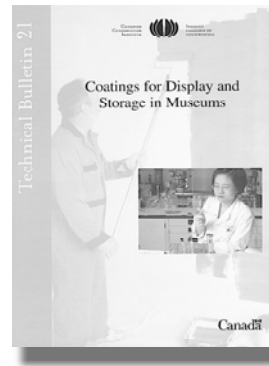


### **TB #22 The Stability of Photocopied and Laser-printed Documents and Images: General Guidelines**

by David Grattan

This Technical Bulletin reviews the technology of photocopiers and laser printers, and discusses the stability and preservation of copies. The conclusion is that black-and-white copies (i.e. those using carbon-based toner) on alkaline paper form very stable records, but colour photocopies do not. A full-sheet test for assessing the adhesion of toner to paper is described, and the results of testing papers according to the American Society for Testing and Materials (ASTM) standard for permanency of copy paper are given. The Technical Bulletin also includes a list of preservation concerns that will be useful to those responsible for the care of photocopied documents, and a number of current technical references that discuss the topic in more depth.

ISBN 0-662-28503-4  
paperback, 8 pp.  
2000  
In Canada: \$6  
Other countries: \$7.50

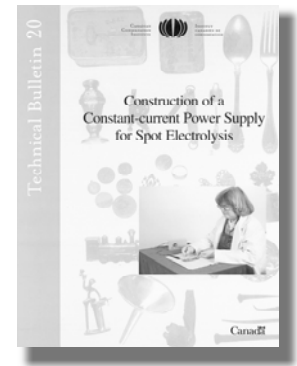


### **TB #21 Coatings for Display and Storage in Museums**

by Jean Tétreault

Coatings such as paints and varnishes are often used in museums for aesthetic reasons as well as for the protection of buildings and display cases, cabinets, or transportation cases. This Technical Bulletin will alert architects, designers, contractors, fabricators, project managers, and museum staff to the damage that coatings might cause to objects, and provide guidelines for the selection of coatings that will help minimize this risk. A list of coatings is provided for many different situations and, when possible, alternative materials and procedures are given. Recommendations are based on the various classes of coatings and resins; trade names are not specified because there is a large variety of coatings on the market and their formulations may change in the future. Tests that will verify coating specifications or monitor the emission of volatile compounds are described, and information on substrate surface preparation is also provided.

ISBN 0-662-27955-7  
paperback, 46 pp.  
1999  
In Canada: \$20  
Other countries: \$25

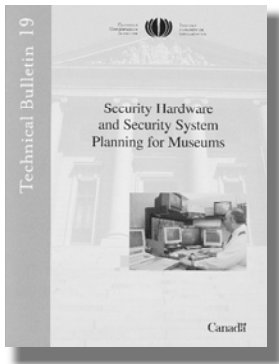


### **TB #20 Construction of a Constant-current Power Supply for Spot Electrolysis**

by Stephen Roberts

Electrolytic reduction has been used to treat corroded metal objects for some time, and a number of articles have been published on the theory and techniques of electrolysis. This Technical Bulletin provides a schematic diagram and detailed instructions to build a small, inexpensive spot electrolysis device that controls the current. The device described is a direct-current power supply with a current-limiting control, and has a maximum supply of approximately 120 mA. This device can be used to treat small areas of corrosion on furniture hardware and plated metals, and will be useful in treating composite artifacts and metal archaeological finds.

ISBN 0-662-27651-5  
paperback, 10 pp.  
1999  
In Canada: \$10  
Other countries: \$12.50

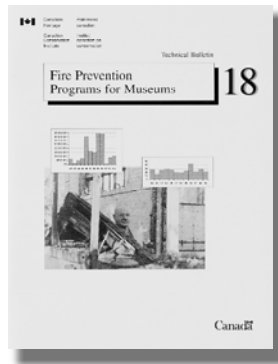


**TB #19 Security Hardware and Security System Planning for Museums**

by Wayne Kelly

Theft and vandalism of our cultural heritage is escalating every year. This Technical Bulletin will help cultural institutions with their preparations against these threats. Numerous, inexpensive methods of improving security and various types of currently available sensors and computerized alarm systems are illustrated and described. Several kinds of sensors and their placement within a standardized level of protection proposed for each area in a cultural facility are also recommended.

ISBN 0-660-17257-7  
paperback, 16 pp.  
1998  
In Canada: \$10  
Other countries: \$12.50



**TB #18 Fire Prevention Programs for Museums**

by Paul Baril

Fire damages and destroys museum collections every year. This Technical Bulletin will help museums develop and implement effective fire prevention programs. The basic elements of a fire prevention program are discussed, as well as the administration of the program. Numerous examples are provided to help museum staff prepare documents and procedures.

ISBN 0-660-16968-1  
paperback, 12 pp.  
1997  
In Canada: \$10  
Other countries: \$12.50

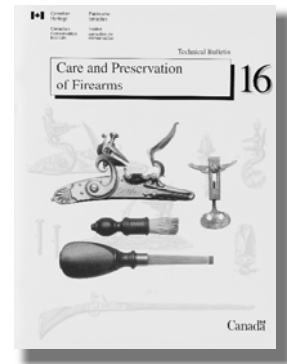


**TB #17 Threaded Fasteners in Metal Artifacts**

by George Prytulak

In the course of cleaning or restoring historical artifacts, it is often necessary to tighten, loosen, or remove threaded fasteners. The fasteners are often permanently damaged or lost in the process due to the use of improper tools and techniques. This Technical Bulletin offers practical guidelines for the removal, cleaning, documentation, and reinstallation of threaded fasteners in metal artifacts.

ISBN 0-660-16950-9  
paperback, 12 pp.  
1997  
In Canada: \$10  
Other countries: \$12.50



**TB #16 Care and Preservation of Firearms**

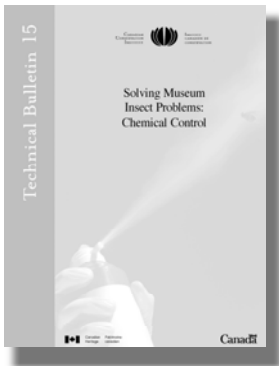
by Philip R. White

This Technical Bulletin offers guidelines on the care of firearms to curators, conservators, and others. Topics covered include deterioration, examination, handling, conservation, and storage of firearms. A glossary is included as well as a bibliography for further research on the subject.

ISBN 0-662-61515-8  
paperback, 12 pp.  
1995  
In Canada: \$10  
Other countries: \$12.50  
(includes French version)







### **TB #15 Solving Museum Insect Problems: Chemical Control**

by John E. Dawson, revised by Thomas J.K. Strang

Insect infestations can severely damage museum collections and buildings. This Technical Bulletin is intended to help museum staff understand commercial pest control operations. It describes chemical methods of controlling insects, and includes information on regulations, modes of action, and application methods necessary for the safe use of insecticides. A detailed guide helps in decision-making about the appropriate chemical method of control.

ISBN 0-662-28311-2  
paperback, 28 pp.  
Reprinted 2000  
In Canada: \$15  
Other countries: \$18.75



### **TB #14 Working with Polyethylene Foam and Fluted Plastic Sheet**

by Carl Schlichting

Polyethylene foams and fluted plastic sheet have become widely used in museums for artifact support and storage purposes. This Technical Bulletin discusses several techniques and illustrates a series of basic approaches that have been developed for working with these materials. The many detailed illustrations clarify for the reader the fabrication methods described in the text.

ISBN 0-662-61042-3  
paperback, 19 pp.  
1994  
In Canada: \$10  
Other countries: \$12.50  
(includes French version)

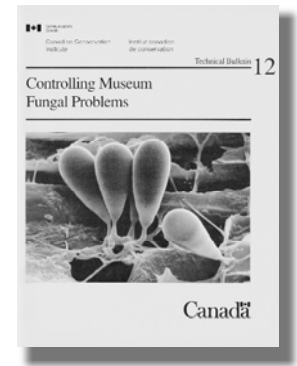


### **TB #13 Controlling Vertebrate Pests in Museums**

by Thomas J.K. Strang and John E. Dawson

When vertebrate animals, particularly rodents, gain access to museum collections, they can soil or destroy artifacts. Prompt identification of the pest and the use of suitable methods to control it are essential. In most cases, nonchemical methods can be used to control vertebrate pests in museums; chemical methods are also discussed.

ISBN 0-662-54951-1  
paperback, 9 pp.  
1991  
In Canada: \$6  
Other countries: \$7.50



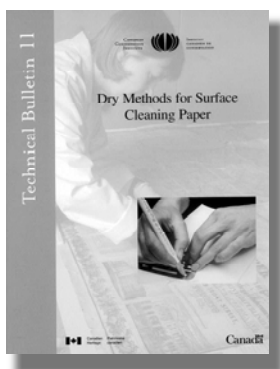
### **TB #12 Controlling Museum Fungal Problems**

by Thomas J.K. Strang and John E. Dawson

Fungi can seriously damage artifacts in museums and archives. This Technical Bulletin provides guidance on identifying a fungal problem, fungal problems in wood outdoors, and controlling fungi.

ISBN 0-662-54950-3  
paperback, 8 pp.  
1991  
In Canada: \$6  
Other countries: \$7.50  
(includes French version)



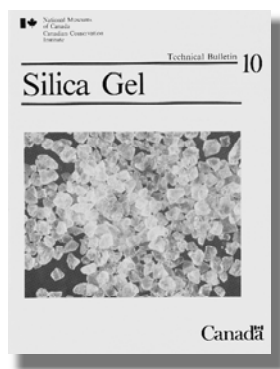


**TB #11 Dry Methods for Surface Cleaning Paper**

by Janet Cowan and Sherry Guild

This Technical Bulletin is a practical instruction guide for those responsible for the care and preservation of collections of works on paper. The problems caused by dirt are described, as are potential difficulties arising from the nature and/or condition of paper artifacts. Cleaning materials and techniques are discussed, and suggestions are made regarding specific types of works of art and archival material.

ISBN 0-662-30077-7  
 paperback, 12 pp.  
 Revised 2001  
 In Canada: \$10  
 Other countries: \$12.50



**TB #10 Silica Gel**

by Raymond H. Lafontaine

Information on the use of silica gel, how it controls RH, and how it is conditioned for use and maintained, is presented. Specific topics dealt with include: the problems of display case leakage, how silica gel fulfills the requirements of a humidity buffering agent, and the maintenance of a silica gel buffered display case.

ISBN 0-662-53370-4  
 paperback, 17 pp.  
 1984  
 In Canada: \$6  
 Other countries: \$7.50



**TB #4 The Care of Musical Instruments in Canadian Collections**

by R.L. Barclay

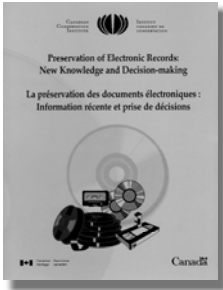
Guidelines for looking after a musical instrument collection from the acquisition of the items right through to their cleaning, care, and maintenance are presented, and attention is given to complete and thorough documentation and to the problems of display and storage.

ISBN 0-662-50412-7  
 paperback, 18 pp.  
 1982  
 In Canada: \$6  
 Other countries: \$7.50  
 (includes French version)



# Symposia and Colloquia Publications

The Canadian Conservation Institute organizes symposia and colloquia on topics of interest to the conservation and preservation community. The following publications and products from previous symposia and colloquia are currently available.

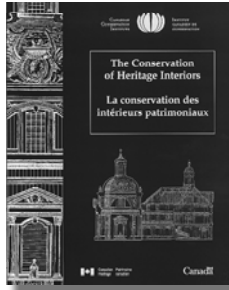


## **Preservation of Electronic Records: New Knowledge and Decision-making — Postprints**

*Postprints of Symposium 2003*  
various authors

"Symposium 2003 - Preservation of Electronic Records: New Knowledge and Decision-making" was held in Ottawa, Canada, from September 15 to 18, 2003 for the purpose of increasing awareness of the issues surrounding the preservation of electronic records. This book of postprints contains the complete text of all papers presented at the symposium (in the language of presentation) along with abstracts in both English and French for each. It will be useful for anyone with electronic records in their collections.

ISBN 0-662-68620-9  
21.5 x 28 cm (8.5 x 11")  
paperback, 221 pp.  
2004  
In Canada: \$50  
Other countries: \$62.50



## **The Conservation of Heritage Interiors - Preprints**

*Preprints of Symposium 2000*  
various authors

This book contains the complete text of all papers presented at Symposium 2000 (in the language of presentation) and includes an abstract in English and French for each. The order of papers follows the program of the conference: 1) The Preparation: Conservation Assessment; 2) Project Planning: Teams and Partners; 3) Treatment Approaches: Walls and Ceilings; 4) Treatment Approaches: Wallpaper; 5) Treatment Approaches: Furniture and Textiles; 6) Treatment Approaches: Paintings and General; 7) The Interior Environment; and 8) Panel Discussion: The New Orleans Charter. Also included are abstracts (in both English and French) for all posters and demonstrations at the symposium.

ISBN 0-660-18147-9  
21.5 x 28 cm (8.5 x 11")  
paperback, 214 pp.  
2000  
In Canada: \$40  
Other countries: \$50



## **Looking at Paper: Evidence and Interpretation Symposium Proceedings Postprints**

CCI is pleased to be the distributor for:

The Looking at Paper symposium in Toronto (1999) brought together paper historians, conservators, scholars, and curators to present recent research on the examination of paper and the interpretation of its evidence. The 26 papers collected in this book cover papermaking technologies, analytical techniques, research methodologies, and case histories, and will be of interest to anyone working with paper-based collections. Edited transcripts of two of the post-conference workshops focussing on examination of western and oriental papers are also included.

ISBN 0-660-18571-7  
21 x 30 cm (8.25 x 11.75")  
paperback, 262 pp.  
110 illustrations  
2000  
In Canada: \$50  
Other countries: \$62.50



**Fabric of an Exhibition:  
An Interdisciplinary  
Approach - Preprints**

*Preprints of Textile Symposium 97*  
various authors

The 26 papers presented at this symposium (Ottawa, September 1997) covered topics ranging from contemporary exhibits to long-term displays, exhibition environments, historic houses, travelling exhibits, support and presentation, and expanding professional roles. Also included is information related to the eight demonstrations and 10 posters that were part of the symposium.

ISBN 0-660-60261-X  
21.5 x 28 cm (8.5 x 11")  
paperback, 206 pp.  
1997  
In Canada: \$40  
Other countries: \$50

**VARNISHES**  
Authenticity and Permanence

**Varnishes: Authenticity  
and Permanence**

*Colloquium and Workshop,  
September 1994*

The 13 papers presented at this colloquium covered a wide range of issues concerning the varnishing of oil paintings. The colloquium was followed by a practical, two-day workshop.

*Abstracts - colloquium*  
paperback, spiral bound, 14 pp.  
includes French version  
21.5 x 28 cm (8.5 x 11")  
In Canada: \$7  
Other countries: \$8.75

*Workshop Handbook*  
prepared by Dr. Leslie Carlyle  
and James Bourdeau  
21.5 x 28 cm (8.5 x 11")  
64 pp. + appendices  
In Canada: \$20  
Other countries: \$25



**Saving the  
Twentieth Century:  
The Conservation of  
Modern Materials**

*Proceedings of Symposium 91*  
edited by David W. Grattan

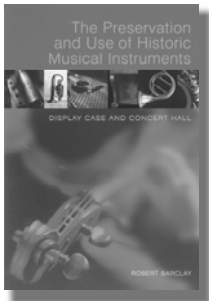
The 36 papers presented at this symposium (Ottawa, September 1991) focussed on modern materials in collections, conservation policies and plans, the history of technology, processes of deterioration, and case studies about specific problems. The authors include experts in science and technology, as well as many museum and archives professionals.

ISBN 0-660-57854-9  
17 x 23.5 cm (6.75 x 9.25")  
paperback, 440 pp.  
1993  
In Canada: \$40  
Other countries: \$50



# Preventive Conservation and the Care of Collections

The Canadian Conservation Institute offers a range of materials for professional use in the field or laboratory.



## The Preservation and Use of Historic Musical Instruments

by Robert Barclay

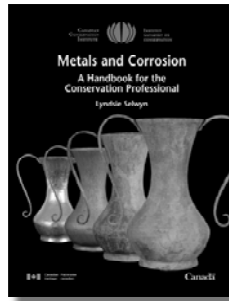
The conservation of historic musical instruments can create tension between those who favour their restoration to playing state and those who argue for non-functioning preservation. In this book, the author attempts to reduce the polarity of these views by dissecting the rationales that underlie and drive them. Using detailed case studies from North America and Europe, he offers a fascinating insight into historic musical instruments and paves the way for a balanced and rational approach to their care and interpretation. This publication is an excellent reference and guide for anyone involved in the conservation of historic musical instruments.

Published by Earthscan in the United Kingdom and the United States.

ISBN 1-84404-127-8  
15.5 x 23.5 cm (6.125 x 9.125")  
paperback, 303 pp., illustrated  
2004

In Canada: \$65  
Other countries: \$81.25

Quantity and conference discounts do not apply to this publication.



## Metals and Corrosion: A Handbook for the Conservation Professional

by Lyndsie Selwyn

This book discusses the chemical and physical characteristics and the corrosion products of nine common metals: aluminum, copper, gold, iron, lead, nickel, silver, tin, and zinc. It answers questions about these metals and their corrosion problems indoors, outdoors, and in archaeological settings, and is intended as a reference for conservators and conservation scientists: a place to refresh their memory, get started reading the literature, or look up alloys, plating combinations, and particular corrosion problems encountered with metals in museums. It will be an ideal tool for all heritage professionals who survey, care for, or treat metals, or who come across metals during the course of their work.

ISBN 0-662-37984-5  
21.5 x 28 cm (8.5 x 11")  
paperback, 223 pp.  
2004

In Canada: \$65  
Other countries: \$81.25



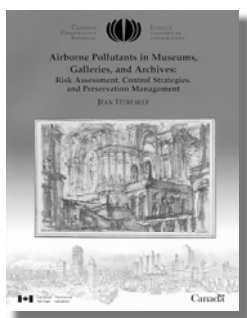
## The Gentle Art of Applied Pressure

by Robert Barclay, Carole Dignard, and Carl Schlichting

Conservation treatments often involve setting parts of an object in position and applying pressure to them in a gentle and controlled manner. The clamping solutions that have been devised for this purpose are as varied as the practitioners themselves. Yet the art of applying pressure still remains a relatively unexplored topic in the conservation literature. This publication addresses the subject with numerous examples of pressure application devices and procedures drawn from the wide experience of the authors and their colleagues in the museum profession. Illustrated with 81 line drawings and photographs, this book will be a useful resource for anyone undertaking conservation treatments that require joining things together or reshaping them.

ISBN 0-662-36161-X  
21.5 x 23 cm (8.5 x 9")  
paperback, 44 pp.  
2004

In Canada: \$26  
Other countries: \$32.50

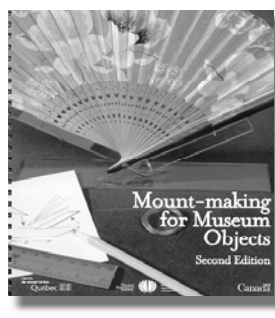


**Airborne Pollutants in Museums, Galleries, and Archives: Risk Assessment, Control Strategies, and Preservation Management**

by Jean Tétreault

This book attempts to define the key airborne pollutants for indoor museum environments and provide some basic tools to assess the risk to collections exposed to these pollutants. It also establishes guidelines for control strategies that give flexible, pragmatic solutions and provides a simple tool for cost-benefit analyses that can fulfil the principles and policy of individual museums. It will be an ideal reference for anyone (e.g. museum directors, building and collection managers, conservation professionals, material scientists, exhibit designers, HVAC engineers, indoor air consultants, and architects) involved in making decisions regarding the preservation of collections.

ISBN 0-662-34059-0  
21.5 x 28 cm (8.5 x 11")  
paperback, 168 pp.  
2003  
In Canada: \$50  
Other countries: \$62.50



**Mount-making for Museum Objects, Second Edition**

by Robert Barclay, André Bergeron, and Carole Dignard

This second edition provides up-to-date advice, ideas, and technical information on the mounting of museum objects for conservators, display technicians, designers, and other museum workers. Topics covered include reasons for supporting objects with mounts, recommended stable materials, tips on the choice of materials and their working properties, and methods for measuring artifacts. Objects with custom-made mounts are illustrated with photographs and line drawings, accompanied by a full description of each mount, the materials and tools used to make it, and the way it was made. A bibliography is also included. New in this second edition are technical updates on recommended materials, further information on mount design, full descriptions of three additional custom-made mounts, and more pictures of good mounts.

ISBN 0-660-18843-0  
21.5 x 23 cm (8.5 x 9")  
paperback, 74 pp.  
2002  
In Canada: \$36  
Other countries: \$45



**The Care of Historic Musical Instruments**

edited by Robert L. Barclay

This book provides thorough and expert guidance on the care of historic musical instrument collections, ethics and the use of instruments, materials, basic conservation treatments, maintenance strategies, and documentation. It was written by seven international specialists in the care and preservation of musical instruments. A bibliography and resources list are also included.

Co-published with the Museums & Galleries Commission (U.K.) and CIMCIM, ICOM's Musical Instrument Museum and Collections International Committee, with financial assistance from the John S. Cohen Foundation.

ISBN 0-660-17116-3  
15.5 x 24.75 cm (6.125 x 9.75")  
paperback, 145 pp.  
illustrated  
1997  
In Canada: \$36  
Other countries: \$45



**PadCAD Cushion Design Software Version 3.0 for Windows**

by Paul Marcon and Thomas J.K. Strang

PadCAD cushion design software can solve all sides of your three-dimensional packing problems simultaneously. Just enter your packaging requirements and PadCAD's package design summary will provide specifications for the total cushioning material requirements and a cut list for fabricating the individual pad components. Also included will be the predicted cushion performance for all sides of the object, the total package weight, internal container dimensions, probable handling methods, and probable impact surfaces of the outer container.

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ISBN 0-660-17870-2  
CD with user's manual  
In Canada: \$40  
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**Framework for the Preservation of Museum Collections Wall Chart**

In an easy-to-use matrix format, this wall chart outlines various methods that can be used to avoid or control potential deterioration of museum objects. The rows list nine agents of deterioration (direct physical forces: thieves, vandals, displacers; fire; water; pests; contaminants; radiation; incorrect temperature and incorrect relative humidity), while the columns present three different levels at which the agents of deterioration can be controlled. The procedures column outlines actions that can be taken.

Framework Wall Chart:  
dimensions: 66 x 92 cm (26 x 36.25")

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Other countries: \$25

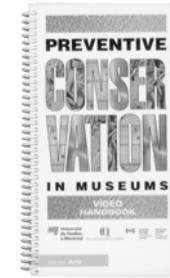
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In Canada: \$45  
Other countries: \$56.25

*Spanish/English version*  
on Yupo synthetic paper  
In Canada: \$25  
Other countries: \$31.25

As an added service to clients,  
an electronic version of this framework  
is available on CCI's Web site ([www.cci-icc.gc.ca](http://www.cci-icc.gc.ca)).

**Preventive Conservation in Museums: Video Handbook**

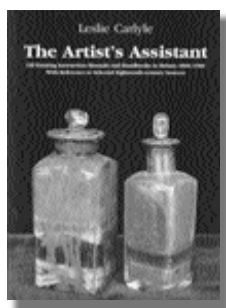
co-produced by the Centre de conservation du Québec, the Canadian Conservation Institute, and the Université du Québec à Montréal



This manual complements the 19-video series on preventive conservation. Each chapter is the script of one of the videos. Subjects include an introduction to preventive conservation, storage, the condition report, relative humidity and temperature, the care of textiles, protecting objects on exhibit, emergency and disaster planning, and closing a seasonal museum.

ISBN 2-921942-01-1  
20 x 11 cm (8 x 4.25")  
paperback, spiral-bound, 145 pp.  
1995  
In Canada: \$20  
Other countries: \$25

Videos sold by:  
Université du Québec à Montréal  
Audiovisual Department  
Production Services  
Box 8888, Station Centre-Ville  
Montreal QC H3C 3P8  
Tel.: 514-987-6105



**The Artist's Assistant**  
Oil Painting Instruction  
Manuals and Handbooks  
in Britain 1800-1900  
With Reference to Selected  
Eighteenth-century Sources

by Leslie Carlyle

From her meticulously researched study of artists' manuals, catalogues, and trade literature produced in Britain (including some American sources), Dr. Leslie Carlyle has compiled a detailed account of oil painting materials and techniques in use between 1750 and 1900. Methods of painting and paint application are described and recipes for varnishes, vehicles, paint mediums, and grounds have been compared and tabulated. The 'artistical' properties of pigments, their working qualities, drying times, and cautionary notes on their use have been included in an extensive appendix.

Published by Archetype  
Publications, London, UK.

ISBN 1-873132-16-6  
22 x 30.5 cm (8.5 x 12")  
hardcover, 589 pp.  
illustrated  
2001  
In Canada: \$130  
Other countries: \$162.50

Quantity and conference  
discounts do not apply  
to this publication.

## Research Reports and Miscellaneous Products

**Analysis of the Chloride  
Ion Concentration  
in Aqueous Solutions  
by Potentiometric  
Titration**

by Lyndsie Selwyn

This report outlines a procedure for quantitatively determining the Cl<sup>-</sup> ion levels in treatment solutions. The method is based on the potentiometric titration of a solution containing Cl<sup>-</sup> ions with a AgNO<sub>3</sub> solution. This procedure is especially useful when studying the effectiveness of new treatment solutions for removing Cl<sup>-</sup> ions in archaeological iron. Appendix 1 provides details about the theory behind potentiometric titrations, the use of Gran's plot paper for hand-plotting the data, and the use of linear least-squares fitting procedures for computer graphing of the data. Appendix 2 describes a procedure for measuring the potential of a reference electrode using quinhydrone.

ISBN 0-660-18620-9  
21.5 x 28 cm (8.5 x 11")  
spiral-bound, 15 pp.  
2001  
In Canada: \$10  
Other countries: \$12.50

**Towards a Better  
Emulsion Adhesive  
for Conservation**

*A Preliminary Report on the Effect  
of Modifiers on the Stability of  
a Vinyl Acetate/Ethylene (VAE)  
Copolymer Emulsion Adhesive*  
by Jane Down

For more than a decade, CCI has been trying to find a better PVAC adhesive for use in conservation. A study conducted from 1983 to 1994 led us in the right direction, and for the next 5 years various possibilities were explored. Although the final answer will take more time, some interesting trends and findings have surfaced. This report is a preliminary presentation of the data.

ISBN 0-660-17876-1  
21.5 x 28 cm (8.5 x 11")  
spiral-bound, 27 pp.  
2000  
In Canada: \$10  
Other countries: \$12.50

.....  
**Vacuum Wash Table**

Description and plans for a low-pressure vacuum wash table that was developed and built at CCI to treat a fragile, oversized textile.

21.5 x 28 cm (8.5 x 11")  
booklet  
1997  
In Canada: \$20  
Other countries: \$25

**Evaluation of  
Commercial Mass  
Deacidification  
Processes:**

**Akzo-DEZ, Wei T'o,  
and FMC-MG<sub>3</sub>**

Research reports of a long-term project to evaluate commercial mass deacidification processes.

**Phase I - Naturally Aged  
Papers**

by Helen D. Burgess, Elzbieta M. Kaminska, and Aranka Boronyak-Szaplonczay  
21.5 x 28 cm (8.5 x 11")  
spiral-bound, 53 pp.  
November 1992

**Phase II - New and Artificially  
Aged Modern Papers**

by Elzbieta M. Kaminska and Helen D. Burgess  
21.5 x 28 cm (8.5 x 11")  
spiral-bound, 38 pp.  
April 1994

**Phase III - Evaluation  
of Media, Bindings and  
Special Paper Types**

by Season Tse, Sherry Guild, Anne-Laurence Dupont, and Helen D. Burgess  
21.5 x 28 cm (8.5 x 11")  
spiral-bound, 141 pp.  
November 1994

In Canada: \$28  
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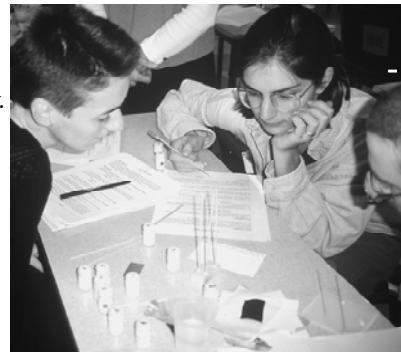
CCI offers workshops for heritage organizations and associations both within Canada and internationally. Our goal is to help institutions preserve and conserve the objects in their collections. Visit us online ([www.cci-icc.gc.ca](http://www.cci-icc.gc.ca)) for more information about the workshops available.

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With expertise and knowledge that has been built up over 35 years, the Canadian Conservation Institute (CCI) is the Government of Canada's principal program for research, service delivery, and training in the field of heritage conservation. As a national centre of excellence, CCI is committed to preserving Canada's rich material cultural heritage and supporting conservation and heritage practices and institutions across Canada.

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