

Storage & Exhibit Materials



Ford Conservation Center

2017

Safe Materials

Through research and experimentation, chemists and conservators have determined some general guidelines for the selection of materials for use with valuable heirlooms, museum objects, and library collections. The following materials have been determined to be **relatively safe for use in close proximity to collection objects**:

◆ Plastics

Polypropylene plastics, (PP), Recycling Code 5

Polyethylene plastics, fibers, and foam (Volara®, Ethafoam®, Trirod®), (HDPE, LDPE), Recycling Codes 2 and 4

Polystyrene plastics, (PS), Recycling Code 6

Polyester sheeting (polyethylene terephthalate esters, Mylar D®, Melinex®)

Polyester fibers (Dacron®, Terylene®) and plastics, (PET, PETE), Recycling Code 1

Polycarbonate sheeting (Lexan®)

Polymethylmethacrylate ester sheeting (Plexiglas®, UV Plexiglas®)

◆ Acrylic glues and paints

◆ Inorganic pigments

◆ Powder coated metals

◆ Glass

◆ Ceramics

◆ Fabrics

Undyed, sizing-free cotton or linen fabrics and cloth tapes

Cotton Stockinet®, t-shirt fabric

Tyvek® Sheeting

Velcro

100% Polyester felt

Polyester fiber (Dacron®, Terylene®) loose and needle-punch batting

Cotton fiber batting

◆ Paper, tissue, and board

Acid-free, lignin-free buffered and unbuffered

Non-formaldehyde based press board (Medex®)

Micro-Chamber® products (used to adsorb vaporous pollutants and deterioration products)

Acid-free, lignin-free phase board stock

100% cotton rag (mat board)

◆ **Corrosion Intercept® products** (protects copper, silver, brass, bronze, and steel)

Unsafe Materials

The following materials are known to be **harmful in close proximity to museum objects**:

- ◆ Polyvinyl chloride plastics, (PVC), Recycling Code 3
- ◆ Polyvinylidene chloride plastics (example: Saran Wrap®)
- ◆ Vinyl "fabrics" (example: Naugahyde®)
- ◆ Rubber, rubber foams, rubber-based glues
- ◆ Polyurethane plastics and foams (with some

exceptions such as moisture cure coatings)

- ◆ Uncoated woods, plywood, and pressed boards
- ◆ Many dyed textiles and paper products
- ◆ Wool and acidic natural fibers, such as jute
- ◆ Ground wood paper and board
- ◆ Most tapes
- ◆ Most fire-retardant additives

Conservation Suppliers

Conservation Resources International

5532 Port Royal Road
Springfield, VA 22151
Toll free: (800) 634-6932

www.conservationresources.com

Archival housing/storage supplies, photographic supplies, general

Gaylord Archival

P. O. Box 4901
Syracuse, NY 13221-4901
Toll Free: (800) 448-6160

www.gaylord.com

General conservation supplies, housing supplies

Hollinger Metal Edge, Inc.

6340 Bandini Blvd
Commerce, CA 90040
Toll Free: (800)-862-2228

www.hollingermetaledge.com

Archival housing/storage supplies

Light Impressions

100 Carlson Road
Rochester, NY 14610
Toll Free: (800) 975-6429

www.lightimpressionsdirect.com

Photographic supplies, housing, matting and framing supplies

University Products

517 Main Street
P. O. Box 101
Holyoke, MA 01041
Toll Free: (800) 628-1912

www.universityproducts.com

General conservation supplies, housing and matting supplies

Talas

330 Morgan Ave
Brooklyn, NY 11211
Telephone: (212) 219-0770

www.talasonline.com

Conservation supplies, photographic supplies, general

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