

Table 4.3. Case Construction

<i>Acceptable</i>	<i>Unacceptable</i>
<u>Case Construction Materials</u>	
Acid-free paper and board	Carpeting
Acrylic adhesive and paints	Drying oil paints
Ceramics	Formaldehyde-containing products
Cotton (undyed)	Formica
Glass	Lead-based paints
Linen (undyed)	Oil-based paints
Metals	Poly-sulphide adhesives
Plexiglas	Polyurethane resins and foams
Polyester fabrics (Dacron, Terylene)	Polyvinyl acetate emulsified resins
Polyester sheeting (Mylar Type D)	Polyvinyl acetate latex-based paints
Polyethylene foam (Ethafom)	Polyvinyl chloride
Polyethylene plastic sheeting	Rubber derivatives
Sealed woods (see below for woods and sealants)	Sulphur dyes
	Unsealed wood
	Vulcanized rubber
	Wood pulp paper products
	Wool
<u>Wood</u>	
Balsa	Butternut
Birch	Cypress
Exterior Plywood	Douglas fir
Maple	Hickory
Marine Plywood	Oak
Particleboard made without formaldehyde resin (i.e., Medex, Medite II, Resincore I)	Particleboard/chipboard
Poplar	Pecan
	Pressed-fiber board (Homosote)
	Red cedar
	Redwood
	Southern yellow pine
	Sweet chestnut
<u>Wood Sealants</u>	
Acrylic paints (two to three coats)	Alkyd-based paints
Latex urethane acrylic (Benjamin Moore #416)	Lead-based paints
Marvelseal (aluminum/polyethylene foil)	Oil-based paints
Moisture-cured urethanes (non-oil modified)	Oil-modified polyurethanes
Shellac (two to three coats)	Polyvinyl acetate latex paints
Two-part epoxy paints	
<u>Gasketing</u>	
Acrylic felt	Rubber
Brush nylon	Rubber derivatives
<u>Barrier Materials</u>	
Acid-free paper, board, or tissue	Carpeting
Linen (washed and undyed)	Polyurethane foams
Melinex (Type 456 or 516)	Silk
Muslin (washed and undyed)	Wool
Mylar Type D	
Plexiglas	
Polyester fabric	
Tyvek	

*Based on recommendations of Catherine Sease, fellow of the American Institute for Conservation