Identifying Hazards within Your Collections

February 12, 2013

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Webinar Goals

Film and negatives Firearms Mounts/specimen Rocks and fossils Ethnography/anthropology Medical/dental/veterinary Equipment

Radiation Art Metals Food



Cellulosic plastics • Nitrate, 1889–1951 • Acetate, 1920s – present Polyester, 1955 – present



Jewelry and personal accessories Musical instruments Household items





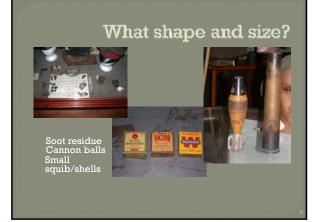




What Lurks Within: Identifying Hazards within Your Collections







Anything that might explode

Mining equipment Whaling equipment Parachutes Tear gas canisters Search and rescue equipment Road flares



1827 California Whaling Rocket Harpoo



Messy hazards/Not so obvious items



Whale oil Tinned food Preserved foods









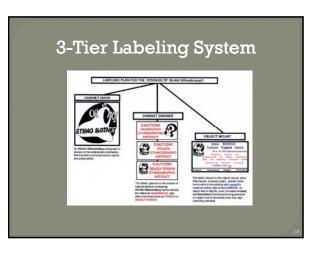
Fluid-Preserved Wet Specimens

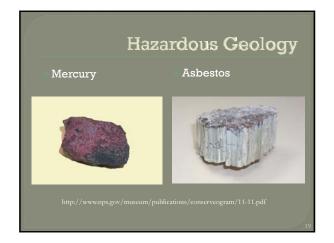
Formaldehyde and alcohol preserving fluids

- Alcohol is highly
- combustible Ventilation Raise electrical outlets Flammable cabinets
- Emergency plan













More Hazardous Metals

Lead

windows, window glazing, roof flashing, utensils, art supplies, food cans, old bullets

- Metal working supplies and debris Old portable forges Roof flashing



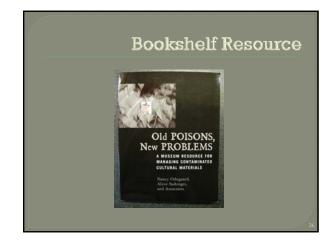
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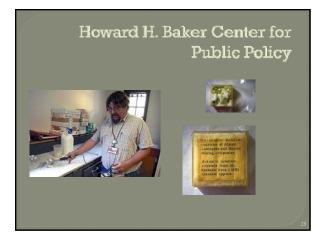


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Control Exposure

Inventory and assess condition Clear labeling and handling procedures Practice good housekeeping Practice good personal hygiene Wear appropriate Personal Protective Equipment (PPE) Maintain Material Safety Data Sheets (MSDS) Dispose of hazardous materials properly Get expert advice Professional development/training

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