

Shelburne Museum Pharmaceutical Collection Inventory

Resources

Note: Many, if not all of the resources without links can be found in full online (free access) through Google Books

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- Association, American Pharmaceutical. 1888. *The National Formulary of Unofficial Preparations. First Issue.* Press of the American Pharmaceutical Association. "159555463.Pdf." n.d. Accessed September 13, 2021. <https://core.ac.uk/download/pdf/159555463.pdf>.
- E.R. Squibb & Sons. 1906. *Squibb's Materia Medica.*
- George Bacon Wood, Franklin Bache. 1833. *The Dispensatory of the United States of America.* Philadelphia, Pa. : Grigg & Elliot. <http://archive.org/details/dispensatoryuni00sadtgoog>.
- Hempel, Charles J. (Charles Julius), Joseph Benedict Buchner, Carl Ernst n 97803079 Gruner, and G. H. G. (Gottlieb Heinrich Georg) Jahr. 1850. *New Homœopathic Pharmacopœia & Posology; or the Mode of Preparing Homoeopathic Medicines and the Administration of Doses.* New York : W. Radde. <http://archive.org/details/b29289841>.
- Hiss, A. Emil. 1898. *Thesaurus of Proprietary Preparations and Pharmaceutical Specialties: Including "Patent" Medicines, Proprietary Pharmaceuticals, Open-Formula Specialties, Synthetic Remedies, Etc.* G.P. Engelhard.
- Hopkins, Albert Allis. 1895. *The Scientific American Cyclopedia of Receipts, Notes and Queries.* Munn & Company.
- Kirby, Edmund Adolphus. 1883. *A Pharmacopœia of Selected Remedies.*
- Muldoon, Hugh Cornelius. 1925. *Lessons in Pharmaceutical Latin and Prescription Writing and Interpretation.* Wiley.
- Oleson, Charles Wilmot. 1890. *Secret Nostrums and Systems of Medicine.* Oleson.
- Richard Vine Tuson. 1880. *A Pharmacopœia ... for the Use of Practitioners and Students of Veterinary Medicine.* <http://archive.org/details/apharmacopiafor02tusogoo>.
- Shaw, Peter. 1726. *A New Practice of Physic: Wherein the Various Diseases Incident to the Human Body Are Orderly Described, Their Causes Assign'd, Their Diagnostics and Prognostics Enumerated, ... In Two Volumes.* By Peter Shaw, M.D. J. Osborn and T. Longman.
- Stoney, Emily. 1910. *Practical Materia Medica for Nurses, 3rd Edition.* Philadelphia and London: W. B. Saunders Company.
- Tweedie, Alexander. 1842. *A System of Practical Medicine Comprised in a Series of Original Dissertations.* Lea & Blanchard.
- United States Pharmacopoeial Convention, Incorporated. 1905. *The Pharmacopoeia of the United States of America: (The United States Pharmacopoeia).*

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Risk Assessment Spectrum – Hazard Rating

Low risk

- Originally non-toxic, inert substances or mildly toxic substances in secure containers
- Empty containers in stable condition

Moderate risk

- Unknown materials in any container
- Controlled or narcotic substances in stable and secure containers
- Non-toxic, inert substances or mildly toxic substances in insecure or unstable containers
- Deteriorating non-toxic, inert substances in any container
- Compounds containing heavy metals in secure and stable containers
- Hazardous liquids in stable and secure containers
- Empty Containers that are unstable or broken

Significant risk

- Any substance that can be fatal or otherwise cause significant harm to an individual or the environment in any container
- Potentially explosive/unstable materials in any container
- If the container is insecure/unstable/broken and contains one or more of the following types of substances:
 - o Controlled Substance/Narcotic
 - o Poisonous/Toxic
 - o Acidic/Basic
 - o Hazardous Liquids
 - o Heavy Metals

Note: The below table corresponds to the Risk Assessment as follows: Toxicity ratings 1 and 2 are considered 'mild' in terms of the risk assessment for toxicity and may be rated 'low risk' if in secure containers. **Anything with a toxicity of 3-6 must be rated Significant risk.**

From pII-4 of Clinical Toxicology of Commercial Products, 5th Ed. (Gosselin, Smith, Hodge):

Table II-1 Numerical Toxicity Rating Definitions

Toxicity Rating or Class	Probable Oral LETHAL Dose - Human	
	Dose	For 70 kg/150 lb person
6 Supertoxic	Less than 5 mg/kg	A taste (less than 7 drops)
5 Extremely toxic	5-50 mg/kg	Between 7 drops and 1 teaspoonful/tsp
4 Very toxic	50-500 mg/kg	Between 1 tsp and 1 ounce/oz
3 Moderately toxic	0.5-5 gm/kg	Between 1 oz and 1 pint/pt
2 Slightly toxic	5-15 gm/kg	Between 1 pt. and 1 quart
1 Practically nontoxic	Above 15 gm/kg	More than 1 quart (2.2 lb)

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The following form was developed as part of the grant application to mock-up how this might be done:

Pharmaceutical Collection Inventory		Date Completed: _____	Entered in Mimsy _____
Location: Room _____	Wall _____	Unit _____	Shelf _____ Row(1-2)
Drawer _____	Box _____		
<u>Inv. #/Accession #/Catalogue #</u>	<u>Name on Label/Tradename</u>	<u>Name/Location of Manufacturer</u>	
<u>Type of Contents</u>	<u>Condition of Contents</u>	<u>Trademarks/Date</u>	
<input type="checkbox"/> Empty <input type="checkbox"/> Powder <input type="checkbox"/> Liquid <input type="checkbox"/> Crystals <input type="checkbox"/> Gel <input type="checkbox"/> Pill <input type="checkbox"/> Solid <input type="checkbox"/> Cream <input type="checkbox"/> Seed <input type="checkbox"/> Leaves/stems <input type="checkbox"/> Bark <input type="checkbox"/> Root <input type="checkbox"/> _____	<input type="checkbox"/> Good <input type="checkbox"/> Leakage <input type="checkbox"/> Crystallization of liquid <input type="checkbox"/> Evaporated, only residue <input type="checkbox"/> Pest activity _____ <input type="checkbox"/> Solidified <input type="checkbox"/> _____	<u>Purpose of Product</u> <input type="checkbox"/> Medicinal <input type="checkbox"/> Personal Hygiene <input type="checkbox"/> Veterinary <input type="checkbox"/> Pesticide <input type="checkbox"/> _____	
<u>Type of Container</u>	<u>Condition of Container</u>	<u>Size of Container</u>	
<input type="checkbox"/> Glass bottle <input type="checkbox"/> Box <input type="checkbox"/> Tin <input type="checkbox"/> Paper sack <input type="checkbox"/> Ceramic jar <input type="checkbox"/> _____	<input type="checkbox"/> Good <input type="checkbox"/> Broken <input type="checkbox"/> Parts missing <input type="checkbox"/> Torn <input type="checkbox"/> Soiled <input type="checkbox"/> Worn, contents unsecure <input type="checkbox"/> Still sealed, never opened <input type="checkbox"/> _____	<u>Volume or Quantity of Contents</u>	
<u>Photo Log</u> – raw digital file numbers	<u>Component parts of container</u>	<u>Color of Liquid</u>	
	<input type="checkbox"/> Cork <input type="checkbox"/> Screw cap <input type="checkbox"/> Glass stopper <input type="checkbox"/> Paint can type lid <input type="checkbox"/> Wax seal <input type="checkbox"/> Separate instructions <input type="checkbox"/> _____	<u>Detectable Odor?</u>	
<u>Contents Listed</u>			
Contents Code: E=explosive R=radioactive N=narcotics P=poison H=hazardous, requires disposal I=inert, not hazardous U=unknown, requires research and/or analysis Priority Code: 1 = remove ASAP 2 = remove later 3 = OK to keep, repair container 4 = OK to keep as is			

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Here is a link to a sample copy of our Microsoft Form that we developed last year:

<https://forms.office.com/Pages/ResponsePage.aspx?id=E9Wha5Ntv0aFOyr9DfW2iBik1B98n3ROuIB2H4AHAB9URTRKTzRVTVIGUFNWM09ONEkxVkdUNVA1VSQIQCN0PWcu>

Please feel free to reach out to discuss further!

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