



Ammonia Inhalants

<https://mhc.andornot.com/en/permalink/artifact15259>

Accession Number: 018011008 a-f

Category: [Diagnostic & Treatment Artifacts](#)

Classification: [Treatment, General](#)

MeSH Heading: [First Aid](#)
[First Aid -- instrumentation](#)
[Emergency Medical Services](#)
[Emergency Medicine](#)
[Health and Safety](#)
[Pharmacy](#)
[Fainting -- drug therapy](#)
[Drugs, Non-Prescription](#)
[Inhalation](#)
[Drug Packaging](#)
[MM= Drug Packaging](#)
[MM= Drug Packaging -- container -- box](#)

Description: Unsealed rectangular brown cardboard Ammonia Inhalants box (a) containing 4 silken mesh wrapped cylindrical capsules (b-e) separated and supported by folded rectangular corrugated cream paper insert (f); box has 6 rectangular sides of varying size; box opens along long top flap and half circle cut out at top of front side facilitates opening; product and company information appears on exterior of top, bottom, back, and proper right side; directions with illustrations appear on front; capsules consist of hard cylinder wrapped in soft cream fabric and silken mesh with both ends tied closed around the cylinder; part of contents in Rexall First Aid Kit (018.011.001).

Number Of Parts: 6

Part Names: a – box – Length 10.4 cm Width 5.7 cm Depth 1.7 cm
b-e – capsules – Length 4.1 cm Diameter 1.0 cm
f – insert – Length 9.9 cm Width 5.0 cm Depth 1.7 cm

Provenance: Belonged to donor.

Maker: Mine Safety Appliances Co.

Site Made (City): [Pittsburgh](#)

Site Made (State): [Pennsylvania](#)

Site Made (Country): [U. S. A.](#)

Dates: 1950
1967
circa 1950 – 1967

Date Remarks: Similar items in other museum collections; new MSA letter logo introduced in 1967

Material: paper: brown, cream
fabric: cream, white
ink: black

Inscriptions: Printed on top and bottom of box: "MINE SAFETY // APPLIANCES CO. // EFFICIENCY // SERVICE SAFETY // PITTSBURGH PA // AMMONIA INHALANTS // (Aromatized Ammonia – Alcohol 38 %) // 10 Per Package // Cat. No. FA - 2156"; printed on front of box: "Crush inhalant // between thumb and // finger // Hold about 4 inches from nose. // As ammonia gets weaker, hold closer. // Try the strength of inhalant by placing // it under your own nose at about // one minute intervals. When too // weak, use another inhalant"; printed on back of box: "AMMONIA INHALANTS // Aromatized Ammonia : : Alcohol 38 % // Active Ingredients: Ammonia Carbonate, Stronger // Ammonia Water, Oil Lemon, Oil Lavender and Oil // Nutmeg. // 10 Per Package Containing 1/3 cc. Each. // MINE SAFETY APPLIANCES CO., // Braddock, Thomas and Meade Sts. // Pittsburgh, Pa. Made in U. S. A."; printed on proper left side of box: "MINE SAFETY APPLIANCES CO., // Braddock, Thomas and Meade Sts. // Pittsburgh, Pa. Made in U. S. A."; stamped on proper right side of box: "9 D 11"

Permanent Location: Storage Room 0010
0010-D4-7

Unit Of Measure: centimeters

Condition Remarks: Minor soiling and foxing all over box; minor distortion to back of box; minor soiling and foxing all over insert; minor discoloration on ends of capsules

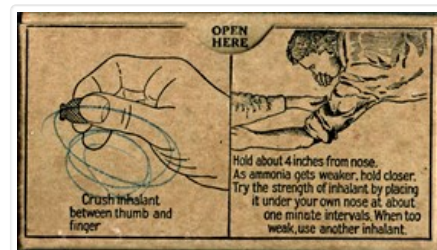
Copy Type: original

Reference Types: Website
Website

Reference Comments: "First Aid." Merriam-Webster, 2019. Accessed 22 June 2019.
"Aromatic Ammonia – Inhalation." MedicineNet, 2019. Accessed 19 June 2019.
"Our History." MSA, 2019. Accessed 18 July 2019.
"1960 – 1969 A decade of MSA in review." MSA, 2019. Accessed 18 July 2019.
"Collections Online." Bulkley Valley Museum, Bulkley Valley Museum Society, 2019. Accessed 19 July 2019.

Research Facts: This artifact is part of a first aid kit; First Aid is a broad term that refers to aid or treatment of the sick or injured before full medical treatment can be received; First Aid kits are designed to provide easy access to a variety of medical materials for fast treatment of minor wounds or to stabilize more serious conditions before additional treatment.
Aromatic ammonia is used to prevent and treat fainting and aid in overcoming the effects of anesthesia by encouraging the body to breathe; ammonia can be taken orally in solution with water or placed on a fabric rag and inhaled; large doses or prolonged exposure to ammonia is harmful.
The Mine Safety Appliance Company was founded by John T. Ryan Sr. and George H. Deike following a tragic mining accident in 1912; with the help of Thomas Edison, they developed an electric mining lamp that helped reduce mine explosions; from there, the company expanded and developed a wide variety of safety products for a variety of applications; this Ammonia Inhalant set was likely produced before 1967 because of the absence of the "MSA" logo first introduced in 1967.

Images





hypodermic syringe set

<https://mhc.andornot.com/en/permalink/artifact1104>

Accession Number: 992070075 a-j
Collection: Dr. R. R. MacGregor Collection
Category: Diagnostic & Treatment Artifacts
Classification: Treatment, General
MeSH Heading: Syringes
Injections -- instrumentation
Drug Packaging
MM= Injections -- hypodermic syringe

Description: Hypodermic syringe set consisting of a metal case (a) which is hinged at the back; lid has a hinged compartment containing four full hypodermic vials of medicine: strychnine sulphate (g), ergotinine citrate (h), digitalin (i) and atropine sulphate (j); compartment can be opened to stand perpendicular to lid of case and also contains two compartments for needles, which are missing; base of case contains glass barrel (b), plunger (c) with removable metal ring (e) for pulling barrel, a glass tip for the syringe (d) and a thin hollow metal shaft (f).

Number Of Parts: 10

Part Names: a - case - Size: Length 6.5 cm x Width 3.5 cm x Depth 2.5 cm
b - barrel - Size: Length 4.5 cm x Diam. 0.9 cm
c - plunger - Size: Length 4.7 cm x Diam. 0.8 cm
d - glass tip - Size: Length 2.2 cm x Diam. 0.6 cm
e - metal ring - Size: Length 2.7 cm x Width 1.1 cm x Depth 0.5 cm
f - metal shaft - Size: Length 2.2 cm x Diam. 0.3 cm
g-j - vials - Size: Length 4.8 cm x Diam. 0.6 cm

Provenance: Belonged to Dr. R.R. MacGregor; note in Travill Catalogue: Nov. 1967 catalogue entry:

"Hypodermic in case 88/2 Tabloid Brand shelf, Dr. R.R. MacGregor, Nov. 1967"
Burroughs Wellcome & Co.

Maker: Burroughs Wellcome & Co.
Site Made (City): (g-j) London
Site Made (Country): (a-b) Germany; (g-j) England

Dates: 1924
circa 1924

Date Remarks: The Wellcome Foundation Ltd. was registered in 1924

Material: glass: clear, brown, purple
wax: brown, red
metal: grey
pills: white
paper: white, black

Inscriptions: Stamped on top of case: "'TABLOID' // BRAND // HYPODERMIC CASE"; stamped on case front: "BURROUGHS WELLCOME & CO. // LONDON. (ENG.) NEW YORK MONTREAL // SYDNEY CAPE TOWN MILAN // BOMBAY SHANGHAI BUENOS AIRES"; stamped at right side of case: "MADE IN GERMANY"; stamped on bottom of case: DR. R.R. MACGREGOR"; printed on (b): "BURROUGHS WELLCOME & CO. LONDON (ENG.) // (THE WELLCOME FOUNDATION LTD.)"; at side of (b): "MADE IN GERMANY"; near base of (b): "'AGLA' // TRADE MARK"; (b) is calibrated from 0 cc to 1 cc in 0.1 cc increments and from 0 min to 20 min in 1 min increments; printed on label of (g): "A.N. S020 / POISON // No. 75 // TRADE MARK 'Tabloid' BRAND Hypodermic // Strychnine Sulphate // 20 products each containing gr. 1/30 (0.0022 gm.) // BURROUGHS WELLCOME & CO., LONDON (ENG.) // (The Wellcome Foundation Ltd.) // MADE IN ENGLAND // Poison Schedule Part 1"; printed on label of (h): "No. 37 D713 POISON // TRADE MARK 'Tabloid' BRAND Hypodermic // Ergotone Citrate // 20 products containing gr. 1/100 (0.00065 gm.) // BURROUGHS WELLCOME & CO., LONDON (ENG.) // (The Wellcome Foundation Ltd.) // MADE IN ENGLAND"; printed on label of (i): "A.N. // No. 30 S355 POISON // TRADE MARK 'Tabloid' BRAND Hypodermic // Digitalin (Amorphous) // 20 products each containing gr. 1/100 (0.00065 gm.) // BURROUGHS WELLCOME & CO., LONDON (ENG.) // (The Wellcome Foundation Ltd.) // MADE IN ENGLAND // Poison Schedule Part 1"; printed on label of (j): "A.N. S301 // No. 14 / POISON // TRADE MARK 'Tabloid' BRAND Hypodermic // Atropine Sulphate // 20 products each containing gr. 1/100 (0.00065 gm.) // Poison Schedule Part 1 // BURROUGHS WELLCOME & CO., LONDON (ENG.) // (The Wellcome Foundation Ltd.) // MADE IN ENGLAND"

Permanent Location: Storage Room 0010
0010-D5-5

Condition Remarks: Shows wear; #2: contains pills that should be assessed and possibly destroyed.

Reference Types: Document
Internet
JPG

Reference Comments: Wellcome Trust corporate website, "The Wellcome Foundation Ltd." page [Accessed March 2014]; object 997001947; CD #5

Research Facts: Dr. Rob Roy MacGregor (1873-1970) graduated from Queen's Medical School in 1916. He served in World War I with the RCAMC and later became Kingston's first paediatrician; he was Chief of the Department of Paediatrics at Kingston General Hospital from 1929 to 1956.

Images





Merthiolate Swabs and Ammonia

<https://mhc.andornot.com/en/permalink/artifact15231>

Accession Number: 018004007 a-n
 Category: Diagnostic & Treatment Artifacts
 Classification: Treatment, General
 MeSH Heading: First Aid
 First Aid -- instrumentation
 Emergency Medical Services
 Emergency Medicine
 Health and Safety
 Health and Safety -- workplace
 Drugs -- Non-Prescription
 MM= Drug Packaging -- container
 MM= Drugs -- container
 Fainting -- drug therapy
 Drug Packaging
 Inhalation
 MM= Drug Packaging -- container -- ampoule

Description: Unsealed rectangular cream cardboard box (a) containing 5 cylindrical orange cardboard containers of M. S. C. Tincture Merthiolate Swabs (b-f) two cylinder white cardboard containers (g, j) with removable slide-off cylindrical red and white cardboard caps (h, k) each containing irregular cylindrical transparent glass ampoules filled with semi transparent yellow Aromatic Spirit of Ammonia (i, l) and 2 conical cream paper Dixie cups (m, n); box has 6 rectangular sides of varying size; box opens along long top flap and half circle cut out at top of front side facilitates opening; product information appears on top, proper left and proper right sides; manufacturer information on back and information about additional products printed on front; M. S. C. Tincture Merthiolate Swabs have cylindrical orange cardboard top section with pointed top, thinner cylindrical yellow cardboard bottom section, and product information and directions printed on exterior surface; Aromatic Spirit of Ammonia containers have product information and direction printed on exterior surface; ampoules are mostly cylindrical with one bulbous section and one end with rounded point; single red dot on bulbous section; Dixie cups are flat and unfold to form conical drink vessel for liquid Aromatic Spirit of Ammonia; part of contents in Fleck's No. 754 First Aid box (018.004.002 a-b).

Number Of Parts: 14

Part Names: a – box – Length 10.1 cm Width 5.5 cm Depth 1.7 cm
b-f – M. S. C. Tincture Merthiolate Swab– Length 5.4 cm Diameter 1.0 cm
g – container tube – Length 6.9 cm Diameter 1.4 cm
h – cap – Length 0.8 cm Diameter 1.6 cm
i – ampoule – Length 6.1 cm Diameter 1.1 cm
j – container tube – Length 6.9 cm Diameter 1.4 cm
k – cap – Length 0.8 cm Diameter 1.6 cm
l – ampoule – Length 6.3 cm Diameter 1.1 cm
m – cup – Length 9.8 cm Diameter 9.5 cm
n – cup – Length 9.8 cm Diameter 9.5 cm

Provenance: Belonged to donor's father.

Maker: Fleck Bros. LTD.

Site Made (City): [Vancouver](#)

Site Made (State): [British Columbia](#)

Site Made (Country): [Canada](#)

Dates: 1953
1963
circa 1953 - 1963

Date Remarks: Start date supplied in donor file

Material: paper: cream, white, brown
ink: green, navy, blue, black, orange, yellow, red
glass: clear

Inscriptions: Printed on top of box: "First Aid // Packet // No. # 72 // MERTHIOLATE SAWBS // AND AMMONIA // FLECK BROS // SAFETY FIRST"; printed on front of box: "Fleck's for Safety // OTHER FIRST AID PRODUCTS // Neutralize – A B T for Burns – Flex Splints // Basket Stretchers – Oxygen Equipment. // (K)"; printed on back of box: "Fleck's for Safety // Your complete Western Service for // FIRST AID – SAFETY – FIRE // EQUIPMENT AND SUPPLIES"; printed on proper right side of box: "SAFETY DIVISION // FLECK BROS. LTD. // 110 ALEXANDER ST. // VANCOUVER, B. C. // FLECK BROS // SAFETY FIRST"; stamped on proper left side of box: "MERTHIOLATE // AND AMMONIA"; printed on M. S. C. Tincture Merthiolate Swab containers: "M. S. C. TINCTURE // MERTHIOLATE // SWAB // 1:1000 // APPROX. 10 MINIMS // Sodium Ethyl Mercuri // Thiosalicylate, Lilly // ALCOHOL 50% MEDICAL SUPPLY CO. // ROCKFORD, ILL. // POINT DOWN // CRUSH // HERE // BEFORE REMOVING // CAP"; printed on Aromatic Spirit of Ammonia container: "2 CC. SIZE AMPOULE // AROMATIC SPIRIT OF AMMONIA // U. S. P. ALCOHOL 65% // For Shock, Nausea, Fainting, etc. // Remove ampoule from tube and hold upright. // Snap off tip at score mark. Shake contents (equal to // one teaspoonful) into half glass of water and drink // as a stimulant or may also be used full strength // on cotton or gauze for inhalation. // DISTRIBUTED BY // MEDICAL SUPPLY CO. ROCKFORD, ILL."; printed on one side of Dixie cups: "Dixie ®"

Permanent Location: Storage Room 0010
0010-D4-7

Unit Of Measure: centimeters

Copy Type: original

Reference Types: Website

Reference Comments: "First Aid." Merriam-Webster, 2019. Accessed 22 June 2019.
"Aromatic Ammonia – Inhalation." MedicineNet, 2019. Accessed 19 June 2019.
"Fleck Brothers Building." Canada's Historic Places, Parks Canada, 2019. Accessed 22 June 2019.
"Our Story." WorkSafeBC, 2019. Accessed 22 June 2019.

Research Facts:

This object is part of a First Aid kit; First Aid is a broad term that refers to basic aid or treatment of the sick or injured before full medical treatment can be received; First Aid kits are designed to provide easy access to a variety of medical materials for fast treatment of minor wounds or to stabilize more serious conditions before additional treatment.

Aromatic ammonia is used to prevent and treat fainting and aid in overcoming the effects of anesthesia by encouraging the body to breath; this ammonia can also be taken orally in a solution with water; large doses or prolonged exposure to ammonia is harmful.

Fleck Bros. LTD. was a British Columbia based company that produced a wide range of equipment for industrial use; first aid supplies were a major part of their business and were designed specifically for use in the work place.

The W. C. B. printed on the inventory sheet of the kit to which this object belongs indicates that it was produced in conjunction with the standards of the Workers Compensation Board, which is a government agency established in 1917 as part of the Workmen's Compensation Act in British Columbia to regulate safety in the workplace; the agency still exists as of 2019, known since 2005 as WorkSafeBC.

Images





pocket hypodermic syringe case

<https://mhc.andornot.com/en/permalink/artifact1105>

Accession Number: 992070076 a-k
Collection: Dr. R. R. MacGregor Collection
Category: Diagnostic & Treatment Artifacts
Classification: Treatment, General
MeSH Heading: Syringes
Injections -- instrumentation
Drug Packaging
MM= Injections -- hypodermic syringe

Description: Metal hypodermic case with seven empty medicine vials; all metal fused syringe needles are listed in Travill Catalogue, but not visible except in (d) metal barrel where both ends will not remove; also metal thread shaft; all pieces fit into lift-out metal pieces.

Number Of Parts: 11

Part Names: a - metal case - Length 8.0 cm. x Width 4.5 cm. x Depth 1.7 cm.
 b - metal liftout
 c - metal liftout
 d - metal barrel
 e - metal shaft
 f - vial No. 149
 g - vial No. 145
 h - vial No. 119, vial No. 100
 i - vial No. 5
 j - vial No. 68
 k - vial No. 74

Provenance: Belonged to Dr. R.R. MacGregor

Maker: H.K. Mulford Co.

Site Made (City): [Philadelphia](#)

Site Made (State): [Pennsylvania](#)

Site Made (Country): [United States of America](#)

Dates: 1915
 1925
 circa 1915-1925

Material: glass: clear
 medicine: brown
 paper: cream; red
 metal: silver

Inscriptions: Stamped on top of case: ASEPTIC HYPODERMIC SYRINGE // H.K. MULFORD C. // PHILADELPHIA, NEW YORK, CHICAGO; printed on paper labels on medicine: "No. 74 - Morphine Sulph. 1-4 gr // ATROPHINE SULPH 1-150 gr."; "No. 68 - Morphine Sulph. 1-4 gr."; "No. 5 - Apomorphine Hydchl. 1-10 gr."; "No. 149 - Strychnine Sulph. 1-30 gr."; "No. 145 - Quinine and Urea Hydrochl. 1-2 gr."; "No. 119 - Cardiac No. 2"; "No. 100 - Nitroglycerin 1-100 gr; Atropine Sulph. 1-150 gr."

Permanent Location: Storage Room 0010
 0010-D5-5

Temporary Location: On exhibit "The Century: Medical Innovations of the 1800s" at Museum of Health Care, 25 June 2017.

Condition Remarks: Shows wear; #2: contains pills that should be assessed and possibly destroyed.

Images



