

DEPARTMENT OF COMMERCE
BUREAU OF STANDARDS
WASHINGTON

EXEMPT from automatic declassification
per E.O. 11652, Sec. 5(E)(2)
Kearney, CIA 28 JAN 1978
Name A Agency 2020 Date
Reason CTB-4 Review on: 9/1

ADDRESS REPLY TO
BUREAU OF STANDARDS

October 30, 1917.

Memorandum for Mr Frank V. Martenek,

I am transmitting seven samples which seem to be the most suitable in the list which you submitted. They are as follows:

--1--
Sulphuric acid (1-5) 100 cc.
Sugar 2 gm

Heating

--2--
Water 90 cc.
Cobalt Chloride 10 gm
Glycerol 2 cc.

--3--
Water 100 cc.
Ammonium chloride 15 gm

--4--
Water 100 cc.
Copper Nitrate 10 gm.

Heating

--5--
Water 100 cc.
Potassium bromide 3 gm
Copper sulphate 3 gm

Heating

--6--
Water 100 cc.
Nickel chloride 2.5 gm
Nickel nitrate 2.5 gm



--7--
Nickel chloride 3 gm
Cobalt chloride 3 gm
Water 100 cc.

Samples 1, 4, and 5 will doubtless exert a very corrosive action on steel pens, and therefore if suitable in other respects would have to be used with a quill pen.

If I observe any other samples which seem to possess any particular advantage, I will let you know, or if you will tell me just what characteristics you desire such a product to have, I will try to reproduce it,

Respectfully,

Am Heingelmann

Asst. Chemist.

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By **NNB** **SECRET**
750065
MARCH 15,
1976
N.B.S. Date

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