

August 14, 1972

Miss Bibiana Brunetti
1520 Madison Avenue
Dunmore, Pennsylvania 18509

Dear Miss Brunetti:

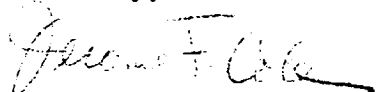
Mr. Knauber of the Pennsylvania Division of Occupational Health has passed on your letter to him as well as his reply of August 3. We are pleased to enclose a copy of our booklet "Facts about Lead and Industrial Hygiene" as well as a copy of the booklet "Industrial Lead Poisoning" by Kehoe. Further, you might find of interest another booklet "Facts about Lead and Pediatrics" which is also enclosed. I trust that these booklets will provide you with the information which you require on lead and lead poisoning. However, if you have any questions after reading the booklets, do not hesitate to ask me.

With regard to your science fair project, I would endorse the suggestions made by Mr. Knauber and also advise you that it is extremely difficult to produce lead poisoning in laboratory animals. Certainly, it can be done but lead had to be given to the animals in very high concentrations over an extensive period of time. It appears that lead is not absorbed from the alimentary tract of animals as readily as in humans. We do not understand why this is the case but numerous laboratory tests have confirmed this point.

If you are going to attempt to poison laboratory animals, I suggest that you use a soluble lead salt such as lead acetate.

I hope that this information proves useful to you and I wish you every success in your science fair project.

Sincerely,



J. F. Cole, Sc.D.
Manager, Environmental Health

JFC:ec

Enc.

CC: Mr. J. W. Knauber

LIA-76414