

July 12, 1968

Dr. Herbert V. Weiss
Senior Industrial Hygienist
Radiation Detection Company
385 Logue Avenue
Mountain View, California 94042

Dear Dr. Weiss:

I do not know if the hazard you are evaluating is connected with the Precision Foundries, Inc. It may be, as they were also soldering wax at a joint using a soldering iron. I have written them but they have quoted me a lower maximum temperature.

I believe that both Aroclor 5460 and 1254 would have comparable toxicity from the inhalation point of view. The big difference, of course, is that 1254 is enormously more volatile.

The American Conference of Governmental Industrial Hygienists has set threshold limit on this product of 0.5 mg./cu. meter. I would feel that the same level could safely be put on 5460.

The toxicity of the vapors of Aroclor 1254 have been quite well described in an article by Treon et al, in the American Industrial Hygiene Association Quarterly, 17:2, 204-213, June 1956.

I am enclosing a copy of the above article. If you need further information, please let me know.

Sincerely,

R. Emmet Kelly, M. D.
Medical Director

REK/ln
enc.

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