SEP 20 1965

St. Louis - General Offices

September 17, 1965

PECORA, INC.
PHILADELPHIA, PA.

Wayohoff/Muschick/Pastorino/Wilde
R. P. Sullivan - Wilmington
P. G. Benignus - PERRI
E. P. Wheeler - KNHEK

WILMINGTON
C. R. FIELD

Aroclor

This is in reply to your questions of the possible reactions of fine particle size aluminum flake with Aroclors 1232, 1248, and 1254.

Although we can not positively state, we feel the chances of any reaction between Aroclor or its off gases with the aluminum flake are very slim. Some time ago, tests were run on Aroclor to determine the gases evolved when the product is heated. In this test, the Aroclor was dropped onto a heated hot plate and the off gases were collected and analyzed. The great majority of these off gases were HCL; particularly in the case of the three Aroclors in question.

However, it should be pointed out that wherever Aroclor is used at elevated temperatures, at or above 150°F, strong mechanical ventilation should be utilized. Aroclor fumes are not only obnoxious, but can be hazardous.

J. H. OREM

JHO/cas

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