C TO Mr. F. A. Barker

MONSANTO CHEMICAL COMPANY
Anniston, Ala.

DATE September 27, 1945

TO St. Louis

REFERENCE Your Memo - 9/25/45

ATTENTION Mr. Paul Logue

SUBJECT The Flintkote Company
East Rutherford, New Jersey

RE Aroclor

Our softening point test for Aroclor 4465 is ASTM E28-39T. This is the softening point method which uses a tapered ring.

The specification method for "evaporation loss" is ASTM D6-39T, modified by not having a rotating shelf in the oven. A rotating shelf is specified in the standard ASTM test. We do not have an oven equipped in this manner. Details of the test are as follows:

> "Tare a 3 oz. Gill style, flatbottom, seamless ointment box and weigh into it a 40.0000 gram sample. If it is necessary to sample the material hot, cool the box and contents to room temperature in a dessicator before making the weight. Now place the box and sample in an oven maintained at 100°C. After 6 hours remove sample from oven, cool and reweigh. From loss in weight, calculate the loss due to volatilization."

R. R. Perkins Jr.

RLJ:AB

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