J. B. Trotter - 7

December 2, 1952

TO: ALL PHOSPHATE DIVISION SALESMEN

SUBJECT: AROCLORS APPROVED FOR USE IN FIRE-WEATHER-WATER-MILDEW RESISTANT TREATMENT APPLIED TO COTTON DUCK UNDER MILITARY SPECIFICATION MIL-D-10960.

During and since the years of World War II, there has been interest in the use of Aroclors as plasticizers and resins for treating canvas for fire-weather-water-mildew resistance in accordance with JQD-242, and in more recent years, the superseding Specification MIL-D-10960.

In addition to military interests, there has also been considerable civilian interest in this possible large outlet application for Aroclors. But the whole thing had been bottlenecked due to lack of approval on the Aroclors from a toxicological standpoint by the Government agencies.

Consequently, chlorinated paraffins have been mainly used for the subject application and to give you some idea about the volume, on Government fabrics alone it reached levels of 35 M pounds a year of chlorinated paraffin.

We are most pleased to tell you that clearance has been received from the Army Environmental Health Laboratory for Aroclor 1254 and Aroclor 5460 from a toxicological standpoint for their intended use as components for fire-weather-water-mildew resistant treatment applied to cotton duck under Specification MIL-D-10960. This has been received through the Department of the Army, Office of the Quartermaster General, Washington, D. C.

It is understood, of course, that this clearance of Aroclors is with reference to their suitability in the end use of the finished fabric. It has no bearing or responsibility relative to toxicological problems that may arise in the textile plant finishing operations. Here, please refer to comments on vapor toxicity in Bulletin P-115.

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You will want to call on the various Government agencies such as the Quartermaster at Philadelphia, Wright Field at Dayton, the Navy and others, about Aroclors for use in these government fabrics.

It is equally important, and in fact, more important to call on the textile finishers in your territory participating in these Government programs.

It is recalled that recently several of you reported that firms in your territory desire to use Aroclors both for Government and civilian fabrics, but could not do so without toxicological clearance by the Government.

This required clearance is at hand and you will want to pass the good word along in the industry and get the new Aroclor business.

P. G. Benignus

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