

Monsanto

FROM (NAME & LOCATION) St. Louis - General Office

DATE September 26, 1967

SUBJECT AROCLOR 1242 FOR CAPACITORS

REFERENCE

TO : H. S. Bergen - HBERG
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The following new items are worthy of note:

1. General Electric is now selling polypropylene capacitor film in competition with Hercules. This would seem to kill our possibility of making and selling such film to capacitor makers.
2. On September 5, 1967, USP 3,340,446 issued to General Electric, covering aluminum oxide additive to Aroclor 1242, with polypropylene and also with polycarbonate films.
3. Sprague Electric recently spoke of having "Chlorinol X". This is their trade name for Aroclor 1242, plus a stabilizer additive, claimed by Sprague to off-set and be somewhat better than General Electric's Pyranol 2. Sprague tout "Chlorinol X" to Carrier Corporation, large user of air-conditioner capacitors.
4. Whirlpool and Carrier are the two large independent users of Aroclor 1242 air-conditioner capacitors. Both appear convinced by General Electric of the merits of Pyranol 2. I was told that anyone who does not have Pyranol 2, or equivalent, might as well forget about making air-conditioner capacitors. This will force EUC and others to license under General Electric's Pyranol 2. This jibes with views recently given us by Mr. Lichiello, General Electric's patent lawyer.
5. While this does not bear on our domestic Aroclor 1242 sale volume, it would hurt us Internationally if Prodelec has a Pyranol 2 license through association with CFTH (G. E. of France), who can grant license to Prodelec. Realizing this would place Monsanto at a disadvantage Internationally. General Electric pointed out that they will give Monsanto the same consideration accorded Prodelec or others.
6. Ohio Brass intend to dismantle their Aroclor-paper power capacitor factory by the first of next year. The main reason, (and there are some minor reasons), is that they do not believe them capable of competing

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with General Electric's Aroclor-paper-polypropylene film capacitor. The 500,000 pounds per year Aroclor 1242 normally used by Ohio Brass appears headed for use by others remaining in the capacitor business.

8. In answer to our direct question, General Electric's patent lawyer said that he would not expect use of polypropylene film in a capacitor to be patentable. We have reason to believe this. The basis for considering patents appears to be the film in combination with stabilizer additives. Evidently, General Electric are covering the two diepoxides (Unox), and also aluminum oxide ; and Sprague appears to have an undisclosed additive. Will there be others?

P. G. B.
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