

MONSANTO SPRINGFIELD-INDIAN ORCHARD PLANT

PLANT PRODUCT HISTORY STATEMENT

Through the early nineteen twenties, thirties and early forties when Monsanto first became associated with the Springfield plant (1939), the major worker group in production was involved with the former "Sheet" department (cellulose nitrate, cellulose acetate), and its associated operations. Also in the late thirties and early forties, phenol-formaldehyde resins (Resinox) and polyvinyl butyral (Saflex) polymers manufacture was initiated with a smaller worker group involvement. In the 1940's as the "Sheet" operations were phased out, Lustrex (polystyrene) production was initiated (1943-45) and along with Saflex (polyvinyl butyral) grew in volume and numbers of workers involved into the fifties and sixties.

The production of formaldehyde and amino formaldehyde polymers was added in the 1940's. Beginning about 1950, polyvinyl chloride products were manufactured until phased out in the early nineteen seventies. In the 1960's, styrene allyl alcohol products were introduced and various barrier resins were also produced in general purpose equipment at both the pilot and main plants.

Although plant records are fragmented for the early years, from interviews with long-time personnel, some approximate estimates of percentage worker involvements with various departments have been constructed in the following figure.

It is clear that on a statistical basis, plant workers with service prior to and including the 1930's and 40's will be significantly (40-50%) associated with the former "Sheet" departments and in the 1940's, 50's and 60's increasingly with Saflex, Lustrex and then to lesser extent with Resinox, Resimenes, Vuepak films, and PVC,

attached to file

MONSANTO SPRINGFIELD PLANT

APPROX. PERCENTAGE OF PLANT WORK FORCE WITH TIME

<u>*Department</u>	<u>1935-40</u>	<u>1945</u>	<u>1955</u>	<u>1965</u>	<u>1975</u>
Sheet	50→40%	20	0	0	0
Resinox	5→10	15	10	7	5
Resimenes	0	0	5	8	5
Saflex	10-15	25	20	15	15
Vuepak	0	10	10	0	0
Lustrex	0	5	20	20	25
PVC	0	0	10	20	5
**Plant Wide	30	25	30	30	40

*Legend

Sheet-cellulose nitrate
cellulose acetate
Resinox-phenol -formaldehyde
Resimenes-melamine -formaldehyde
Saflex-polyvinyl butyral
Vuepak-cellulose acetate film
Lustrex-polystyrene
PVC-polyvinyl chloride

**Plant wide includes:

Maintenance
Guards
Yard
Shipping
Others