PLASTICIZER SALES DEPARTMENT

PLASTICIZER PATTER

MONSANTO TRADE LITERATURE
PERMANENT FILE
#_ 373

MONSANTO CHEMICAL COMPANY
ORGANIC CHEMICALS DIVISION
ST. LOUIS 66, MISSOURI

August 16, 1963

AROCLORS IN ALUMINUM PAINTS

Goodyear's "Tech-Book Facts PLS-33" pushes Aroclor compounds as plasticizers for their Pliolite paint resins. In this particular instance it is for aluminum pigmented paint. The use of Aroclor (instead of chlorinated paraffin) and Pliolite assures the formulator, and user, of excellent chemical resistance, lack of oxidation of the aluminum pigment, and adhesion to any substrate.

Pliolite resins are used as a vehicle in ready mixed aluminum paints, having low moisture permeability, are quick-drying and excellent durability against UV light degradation. Goodyear's attached suggested formulations recommend the use of Aroclor resins in a number of different aluminum paint applications. The Aroclors are recommended over chlorinated paraffins and ester type plasticizers because they will not oxidize aluminum or other metallic pigments, nor will they detract from the chemical resistance of the film. Aroclor 5460 is recommended for the quick-drying films, while Aroclor 1254 and 1242 are recommended for increased flexibility.

While Aroclor compounds are recommended for this difficult job where chemical resistance and lack of pigment attack is critical, the use of Aroclor compounds in all of your customer's Pliolite based films will offer him:

1. Simplified formulation
2. Reduced inventory costs (one product instead of two)
3. Reduced ordering costs

Recommendations are made without guarantee since conditions of use are beyond our control. Nothing herein should be construed as recommendations to violate patents covering any material or its use.

0627498

TOWOLDMON0006321