

From **MONSANTO CHEMICAL COMPANY**

At St. Louis - KXOK

Messrs.
H.I. Armstrong, KXOK
H.R. Gamrath, St. L. Res.

Date June 10, 1955

To Mr. J. R. Darby

Reference

At St. Louis Research

Subject

CELLULOSE ACETATE BUTYRATE HOT MELT COATING

One of Dave Bechtold's promising new accounts makes cellulose acetate butyrate hot melt dip coatings similar to the samples enclosed. These, you'll remember, are used for tool bits, machine parts and to protect metal parts in general. They are dipped hot and then stripped whenever the customer is ready to use the part.

The large sample is a cellulose acetate hot melt that they have produced. The small strip is a sample of this hot melt when fused. They have tried all our available plasticizers and everything else they can think of and have been unable to make a hot melt with as sharp a melting point as the smaller sample, which is a competitive product.

This may be a little out of the laboratory's usual line, but we would appreciate any thoughts you might have on raising and sharpening the melting point of such a formulation without increasing cloudiness, opacity or discoloring the product.

We would certainly appreciate any thoughts you might have. Thank you.

P. W. Spink
P. W. Spink

PWS/is
Enclosures

DSW 587551

STLCOPCB4092887