Monsanto

FROM (NAME & LOCATION) R. H. Mills, St. Louis Research Dept.

DATE : February 19, 1968

SUBJECT : Harte, Adhesive Analysis

REFERENCE : Work Req. 67-165

TO : C. Paton - CPATO

cc: M. W. Farrar - Res 1
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adhesives

We have just gotten the results of the analysis of the 2-part adhesive from Harte which Bob Brell sent. I will quote from the analytical report.

> "The anchor coat is a simple rubber cement consisting of rubber in toluene. The adhesive is a mixture. The solvent is toluene, a volatile alkane and some benzene. A small amount of solids is present. One is dense and white. The other is very finely divided and black. These have been partially separated but not identified. The bulk is a tacky elastomer. It is a four component system of styrene-butadiene-rubber (or isoprenoid)-and a fourth unidentified component. It would be difficult to separate this mixture to identify the fourth component."

I hope this is sufficient identification for your purpose. Complex mixtures of polymers are very difficult to separate and identify.

R. H. Mills

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