

INTER-OFFICE MEMO **TENNECO CHEMICALS, INC.**

TO P.R. Scarito
FROM F.W. Kanzler
SUBJECT Leaf Contamination

AT Burlington
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DATE September 28, 1973
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The leaf specimens submitted showed an extensive growth of mildew with no evidence of resin present. The large leaf showed an elevated type mildew. It is suspected, however, that this phenomena is more due to the nature of the leaf (hair). The smaller leaf showed mildew in varying stages, full growth (Figure 2) and just starting in a spider web type fashion (Figure 3). Spores or eggs seem to be the seed for this mildew, which is clearly visible in Figure 3.

For comparison, we have taken a specimen from a lilac tree with a similar appearance of the leaf surface. Microscopic examination showed an identical mildew pattern when compared with the other two leaf samples.

This type of mildew may be controlled with wettable sulphur or dusting sulphur. Also commercially available is a spray tradenamed Karathane.

The leaf contamination is definitely not caused by resin.

Fred W. Kanzler

F.W. Kanzler

FWK/jst

Attachment.