Monsanto

FROM (NAME—LOCATION—PHONE) J. H. Orem - Galt Labs - 1730

DATE : June 21, 1978

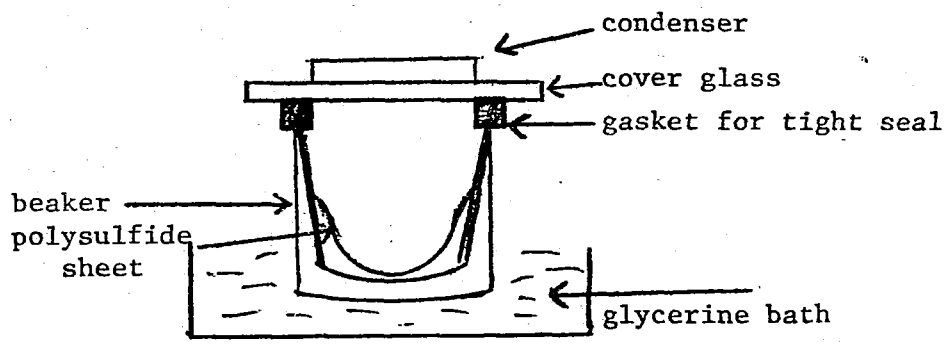
cc: N. W. Touchette
Polysulfide Sealant File

SUBJECT : POLYSULFIDE SEALANTS FOR INSULATED WINDOW GLASS

REFERENCE :

TO : A. W. Morgan

The AAMA (Architectural Aluminum Manufacturers Association) fogging test uses 6"X6" sheets of cured material. These are 60 mils thick. The sheet is folded and slipped into a beaker. The beaker is covered with a glass plate. A condenser, through which tap water is circulated, is placed on top of the glass plate. The beaker is heated in a glycerine bath. This test determines the temperature at which fog occurs. For new formulations, they will start at 90°F for 24 hours; the temperature is raised in 10°F increments (always 24 hours duration) until fog is observed.



If we need to study fogging, our oil immersion procedure will suffice. We would have to elevate the temperature or increase the time because we do not have the condenser. I described this to Norton and PRC, and they believed it would be a satisfactory procedure.

J. H. Orem

JHO/gls

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