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Client: Environmentally Safe Products Date: September 21, 2001
313 West Golden Lane
New Oxford, PA 17350 Specimen: 1102010214-1

Notification Number: RDS01015

Project: Determination of Corrosivity of ESP Reflective Insulation

Test Protocol: ASTM D3310 - "Standard Test Method for Determining of Corrosivity of Adhesive Materials."

Procedure

Samples of the material, one embedded in adhesive and one without adhesive, were placed in a screw cap jar with an inert cap liner. The caps were tightened and the jars placed in a forced draft circulating oven at $71 \pm 2^\circ\text{C}$. These samples were used as controls. A second set of samples, one embedded in adhesive and one without adhesive, were placed in a similar jar each with a small open jar half filled with distilled water. The second jars were also tightly closed and placed in the oven. The samples were removed and examined after intervals of 1, 3, and 7 days in the oven.

Results

	<u>With Glue</u>	<u>Without Glue</u>
1 day	2	2
3 days	2	2
7 days	2	2

There was no evidence of pitting or cracking in either sample after the exposure to high temperature and high humidity. The portion of the sample embedded in adhesive showed no evidence of corrosion.

Rating Scale

- 1 -Exposed sample less tarnished than control
- 2 -Exposed sample same as control
- 3 -Exposed sample slightly worse than control
- 4 -Exposed sample significantly worse than control
- 5 -Exposed sample badly corroded

Daniel W. Gault
5/21/02

Ronald S. Spader

Reviewed By:

05-16-02
Date: