



February 26, 2001

Reissued August 4, 2006

Mr. Eugene Levin, Ph.D.  
NeoPoxy  
27057 Industrial Blvd.  
Hayward, CA 94545

Re: Chemical Resistance Testing of  
Epoxy Resin NPR-5300 Series Plate Samples

Dear Mr. Levin:

Please find attached chemical resistance test results for nine (9) samples of cured epoxy material plate samples. The samples were cut and test specimens were prepared by HTS laboratory personnel. The testing program was conducted in general accordance with the following:

- ASTM F1216, "Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube".
- ASTM D543, "Test Method for Resistance of Plastics to Chemical Reagents".
- ASTM D2122, "Test Method for Determining Dimensions of Thermoplastic Pipe and Fittings".

The initial weight and dimensions of each specimen were recorded prior to immersion. One (1) sample of 5 specimens was utilized as a control base sample.

Eight (8) samples were immersed in 8 different chemical reagents in accordance with ASTM F1216, section X2, Table X2.1. The samples were exposed to the reagents for a period of 30 days. At the end of 30 days the specimens from each sample were removed from the reagent containers, rinsed, dried, weighed and dimensions recorded.

The samples were then tested for flexural stress and modulus of elasticity. A summary of all test data and percent change in each property is included in the attached summary of test data. ASTM F1216, Section X2.2.1 states that the test specimens should lose no more than 20% of their initial flexural strength and flexural modulus during the exposure time. As indicated by these test results, these samples comply with that specification requirement.

Should you have any questions or comments regarding these tests or this report, please do not hesitate to call us. Thank you very much.

Sincerely,

Larry L. McMichael  
Vice President  
F/letters/2001/HTS-1828