

SANDIA REPORT

SAND95-0229 UC-704

Unlimited Release

Printed February 1995

**MECHANICAL PROPERTIES OF HYSOL
EA-9394 STRUCTURAL ADHESIVE**

by

T. R. Guess, E. D. Reedy, and M. E. Stavig

Sandia National Laboratories

Albuquerque, NM 87185

ABSTRACT

Dextor's Hysol EA-9394 is a room temperature curable paste adhesive that is representative of the adhesives used in wind turbine blade joints. A mechanical testing program has been performed to characterize this adhesive. Tension, compression stress relaxation, flexural, butt tensile, and fracture toughness test results are reported.

Prepared by
Sandia National Laboratories
Albuquerque, New Mexico 87185 and Livermore, California 94550
for the United States Department of Energy
Under Contract DE-AC04-94AL85000