FLAMEBUSTERS

Please Note that FLAMEBUSTERS Products were tested under the Flame-No-More Brand for CareChem Corperation of Catawba County, NC

All references to Flame-No-More are the same as referencing FLAMEBUSTERS

United States Testing Company, Inc.
Chemical Services Division
1415 Park Avenue, Hoboken, New Jersey 07030 Phone: 201-792-2400

REPORT OF TEST
June 26, 1990 - Test Number 035012

CLIENT: CareChem Corporation
First Plaza
1985 Tate Blvd. SE
Suite 737 Box 37
Hickory, NC 28602

SUBJECT: One wood panel submitted and identified by the client as: Coated (new product) wood panel

AUTHORIZATION:
Client's letter of May 3, 1990.

PURPOSE:
To determine flame retardancy of the coating during accelerated weathering.

PROCEDURE:
Accelerated weathering was accomplished by exposing the panel in a QUV Accelerated Weathering Tester maintained in accord with ASTM G-53. The Tester was programmed to alternate 4 hour periods of ultraviolet B at 60°C with 4 hour periods of water condensation at 50°C. After 500. 750 and 1000 hours of accelerated weathering the panel was tested for flame retardancy by holding a flame beneath the panel for 5 seconds and observing what happened.

RESULTS:
After 500 hours of accelerated weathering flame impingement caused the panel to flame for a few seconds. On the back where white deposit was still visible the flame went out at

the deposit. On the front where the deposit was no longer visible the flame charred the surface for a few inches and the extinguished itself.

After 750 hours the panel sustained a flame for 44l minutes mainly on the exposed side. No intumescence occurred on the exposed side but did on the backside.

After 1000 hours the panel sustained a flame for a second or two on one edge but could not really be ignited. Flame was impinged upon the panel in many different spots without igniting.

SIGNED FOR THE COMPANY
By: William S. Gilman

Note: The above report has not been changed, it is posted as written. Notice the Address change in contact info.