



PAPER SHIELD

P-3000™

FOR ALL PAPER, PAPER-BOARD AND PAPER FIBER SURFACES.

Excellent fire protection for paper and paper made products.

Clear, odorless easy to apply. Should be used where fire safety is a must. Works well for boxboard, cardboard, paper fiber containers, kraft paper, paper insulation. Office, school and home projects.

P-3000 PAPER SHIELD™. An excellent high grade fire retardant chemical for all paper and paper fiber surfaces. Universal Paper Shield™ interferes with the fire process creating a chemical change to occur. Universal Paper Shield™ converts and automatically reacts in the presence of heat and flame. The chemical reacts to reverse the combustible gases and tars to a non-combustible carbon char, nitrogen and carbon dioxide. This reaction prevents flame spread, ignition and re-generation.

UNIVERSAL FIRE SHIELD PRODUCTS

3544 Waterfield Pkwy, Lakeland, FL 33803 USA
1 800-608-5699 <http://www.firechemicals.com>
info@universalfiresshield.com



FSP P-3000 PAPER-SHIELD™

APPLICATIONS: Spray-on Application. Clear.

A special fire-inhibiting chemical specifically formulated for the corrugated packaging industry. Works well on liner, medium and all fibrous materials. Meets Military and NFPA 30 standards for warehouse and storage packaging. Can also be used on hay, straw and other materials. Boxes, box board and pulp blown insulation.

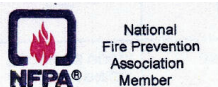
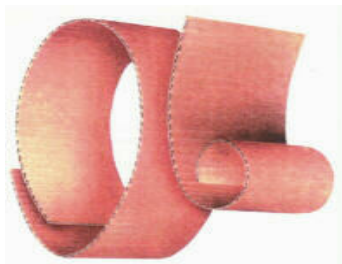
UNIVERSAL FIRE SHIELD™ are dedicated to setting not merely following industry standards through our on going research and development in the fire prevention field. It is our resolve to educate and inform the public, fire officials and its providers on the significance of warehouse fire retardant chemicals and its benefits.

UNIVERSAL PAPER-SHIELD P-3000™ MSDS

This aqueous based resin liquid coating and penetrant. Class B Flame Retardant. Total Solids =19.24%, weight per gallon= 9.4 lbs., specific gravity =1. IO, PH factor 6.5, Flash Point= Non-flammable, Color =clear, Volatility:= no petroleum or lead, Fungus= anti-fungus, Bacteria=mildly resistant, Linear shrinkage=None, Moisture absorption=None, Corrosion=None, Pest resistant=excellent. These chemicals comply with guidelines for paint coatings and U. S. Federal Regulations.

APPLICATION PROCEDURE FOR BOX MAKERS:

Paper mill re-winder with sprayer units or roll coater. Saturate medium and liner, blow dry and cure in roll or sheets. May also be sprayed on finished corrugated boxes or corrugated board. Can be stamped or printed after application. For other applications a simple spray on or brushed. Allow to dry.



Ray Edwards with torch, Dan Cherry holding treated paper board.

TESTING: Paper, Passed ASTM E-162, ASTM E-662, NFPA 30, Flame Spread.45 Smoke Generation 110, Rated Class 'B' flame retardant. Product designed for craft paper, box board medium, liner, fiber board, mill runs, corrugated board, paper flowers, 20 lb. bond. Non-Toxic, clear, odorless spray on.

AVAILABLE IN 1 GALLON , 5 GALLON , 55 GALLON CONTAINERS, 220 GALLON TOTES AND TANKER LOADS.