



HC-400 Flame Retardant
**HAY, STRAW, ROPE
LEAVES AND DRY
GRASS and
CORN STALKS.**



Real protection for outings and public displays

A clear flame retardant that is safe to use and powerful.
Child and pet safe. Easy to apply.

Designed to prevent accidental fires.

Average coverage. Density of growth of grass and brush are unknown factors. Average spread rate is 150 sq. ft. per US gallon on hay, straw, grass, corn stalks. 200 - 300 sq. ft. on post and wood surfaces. Apply with motorized or hand pump spray equipment. Because the chemical dries down to an invisible shield coating make sure all surfaces including underside, inside where possible are treated.

TESTING: After application test using common propane lighter or match. Flame test 10-15 seconds. When flame test is removed from object the flame should go out within 2 seconds. Add additional coats if needed to reach desired flame resistance.

UNIVERSAL HC-400™ MSDS Information. Trade Secret Formula

This aqueous based resin liquid penetrate is recommended for internal and external use. Contains phosphoric acid, and nitrogen plus surfactant. Total Solids=31.5%, Weight per gallon=8.5-9.5 lbs., PH factor=5-6, Flash point=0 Non-flammable, Color=Sleight tint at 78 degrees F., slight haze at 50 degrees or less, Volatility=Non-volatile, Solvents=Water base no petroleum or petroleum derivatives, Anti-fungus=Excellent resistance, Bacterial=Mildly resistant, Linear shrinkage=Non, Corrosive=Mild in liquid form, Toxic=Non~ Insect repellent copper, rodent deterrent phosphoric, aspergilli and other types of mold=Excellent resistance, Preservative=Good, Plant and animal=Non harmful. Bio-degradable

Classified: Fire Retardant Penetrant & Coating Apply by spraying or dipping. Apply up to three coats and test small area.

Surface burning characteristics of applied coating. Straw, hay, dry grass, rope hemp, leaves and brush.

Exterior application rating is Class "A" "B" & "C". ASTM E84, Flame spread =25-45, Smoke generation=35, ASTM-E108 burning brand, ASTM E108 flying brand, ASTM E108 intermittent flame. Complies with U. S. Federal Regulations, similar guideline as for paint and coatings.

UNIVERSAL FIRE SHIELD, LLC

3544 Waterfield Pkwy - Lakeland, Florida 33803 - 863-667-1805

www.firechemicals.com - info@universalfire shield.com