

THANK YOU FOR CHOOSING



UNIVERSAL[®] **FIRE SHIELD**

FIRE KOTE[™]

FK-100[™]

INTUMESCENT FLAME RETARDANT SPRAY



FOR ALL BARE, CONSTRUCTION GRADE WOODS

FIRE-KOTE 100[™] Trade Secret Formula - ZB MSDS=Phosphoric Acid 18%, Formaldehyde 2%. This is an aqueous based resin liquid coating and penetrant. Total Solids =49.1%, weight per gallon 9.1 lbs., specific gravity = 1.33, PH factor =5.5, Flash Point Non-flammable, Color =Blue tint clear at 78 degrees F. Slight haze at 50 degrees F. and lower, Volatility= no petroleum or lead, Fungus= anti-fungus, Bacteria=mildly resistant, Linear shrinkage=None, Moisture absorption=None, Corrosion=Mildly when in solution, Preservative=excellent, Pest resistant= excellent. These chemicals comply with all United States Federal Regulations. Meets or exceeds national, city, county and state fire codes. Effectiveness for wood surfaces is limited to a 5 year duration externaly and a 25 year duration internaly.

**SURFACE BURNING CHARACTERISTICS OF APPLIED INTUMESCENT FLAME RETARDANT
Heavy Duty Grade. Fire Rated Class "A"**

FIRE KOTE 100[™] meets or exceeds all current and/or existing federal, state, industrial, national and local fire codes: Flame Spread =25, Smoke developed =26, Number of coats = 2, Rate per coat (ft²/gal) 360, Flash point= 0, clear liquid coating , no flash. Meets or exceeds ASTM E-84, (U.L. 723 same tunnel test), NFPA 255, NFPA 703, ASTM E-108, UBC 42-1.

APPLICATION PROCEDURE:

Protective clothing should be worn before applying such as closed toed shoes, protective eyewear, overalls and neoprin gloves. Application rate is 200 sq. ft. to one gallon. For best results apply two coats. Pressure spray at 50-250 psi. Can be applied by brush, roller or other means. Allow to dry slightly between coatings. Over-spray should be cleaned immediately. Clean equipment as soon as possible with water and detergent.

MILDLY TOXIC DURING APPLICATION PHASE ONLY

ALL INDOOR APPLICATIONS MUST BE PROPERLY VENTILATED

DO NOT TAKE INTERNALLY

KEEP OUT OF REACH OF CHILDREN

IF CHEMICAL GETS INTO EYES, FLOOD WITH WATER AND WASH OUT IMMEDIATELY



UNIVERSAL FIRE SHIELD IS A MEMBER OF NFPA[®] SINCE 2000

INTERNATIONAL