



**SK-200** <sup>TM</sup>

**Now with ZB  
Ember Control  
Fire & Flame Retardant  
ON-SITE APPLICATION**

If you are like millions of people today who do not know of today's technological advances in fire and flame retardant applications. You might think nothing can be done to prevent or at least slow down house and building burn-outs.

Universal Fire Shield fire retardant applications have proven ability for over 19 years. Field tested and demonstrated for television and radio audiences. Shingle Kote SK-200<sup>TM</sup> can and does protect like no other product on the market. Shingle Kote spray-on applications penetrate deeply into wood shingles and thatched type surfaces. After it dries it becomes part of the roofing system, a clear resin based flame retardant coating, preserving, insulating and setting up a fire resistant barrier, cutting smoke up to 70%. Flying embers are no match for Shingle Kote protection. With improved ember control ZB, the roof material becomes as fire safe as asbestos. The other benefits are preservation, insect, mold and mildew resistance.

Product Guaranteed 100% or your money back.  
With CERTIFIED APPLICATIONS

**UNISHIELD INTERNATIONAL, LLC**  
**UNIVERSAL FIRE SHIELD PRODUCTS**

Order and Technical Information:  
Western & Mid-West USA: 1-888-290-3853  
Southern and Eastern USA: 1- 800-608-5699



**Economical - Powerful - Preserving  
Environmentally Safe**

Yes, it takes planning for prevention.  
Prevention is better than fighting a fire!

Today, this is possible with an application that will last up to 5 full years or more.  
Preserves the wood and the beauty safely.

Existing as well as new shake shingles, natural siding, plywood decking, soffits all can benefit from SK-200<sup>TM</sup>. Also recommended for Thatch leaf type roofs. Existing wood shingle roofs and thatch are subject to flying embers from fire places and Wild land fires. Even new fire rated shake shingles after a few short years lose all fire resistance and must be re-treated to remain fire safe. WHY TAKE CHANCES? Have it applied today and relax.

Remember insurance does not prevent loss of life or property, it is up to you to protect your property, your family and your pets.



A Name You Can Trust - Since 1990  
Ask about Licensed Applicators in your area.

# SHINGLE KOTE™ SK-200

## APPLICATION SHAKE SHINGLES

Treat all wood and lumber surfaces. A minimum of two coats of application if sprayed or brushed. For construction of homes and buildings, apply during and after construction for maximum results. All types of wood even manufactured board and lumber. Shake Shingle and Thatched type roofs. It is recommended to use water based paints and stains if applying after fire retardant has dried. Surface to be treated must be dry up to 24 hours from rain and 4 hours from dew. Use full strength only! DO NOT DILUTE! Chemical compounds will weaken if thinned or mixed with any other components. Apply direct to surface and visibly see absorption. For Wood type roofs be sure to saturate up to 3 three coats being sure to get in cracks and underfoot where possible. Wood surface color such as grain will deepen slightly after application. Old shingles that have turned black from weather will be preserved against further degeneration for five years the black color will be could be enhanced. Thatch material should be sprayed or dipped. Two coat minimum. Let dry between coats.

Average coverage of treatment is 150-200 sq. ft. per US gallon. Be sure surface is clean of grease, dirt or concentrations of dust. Apply with hand or motorized spray equipment 8" to 12" from surfaces. No more than 200 psi for good results for less ever spray. You can also use airless paint sprayers, rollers, and brushes. Apply two coats let dry between coating, for maximum protection add a third light coat. Because the chemical dries down to an invisible coating and penetrates make sure all surfaces have been covered both sides where possible. Weather conditions should be dry for at least 24 hours. Clean up over-spray with water and mild detergent.



**SAFETY PRECAUTIONS:** This product is a fire retardant and cannot be mixed in stains or paint: Shingle Kote™ is environmentally safe, but caution should be used and safety as with any applications. Rubbe Gloves, Goggles and a Mask for chemicals are recommended with protective clothing to protect eye, lungs and skin from prolonged contact. Clean up with regular soap and water. Clean out spray unit with water until all residue is clear. You can mix detergent or small amount of bleach with a gallon of water to get extra clean. Avoid contact with eyes, flood with water for 15 minutes if concentrate gets in eye, and see physician if you are having a reaction.

## PRODUCT SPECIFICATIONS AND TECHNICAL DATA

**UNIVERSAL SHINGLE KOTE™ MSDS** Information: Phosphoric Acid 26.5%, APP 25%, ZB EMC.

This formula is a trade secret and Intellectual Property. Information herein is partial.

This aqueous based resin liquid penetrate is recommended for internal and external use. Total Solids=31.5%, Weigh per gallon=9.10 lbs., PH factor=5.5, Flash point=0 Non-flammable, Color=Sleight yellow tint., Volatility=Non-volatile, Solvents=Water based surfactants no petroleum or petroleum derivatives, Anti=fungus=Excellent resistance, Bacterial=Mildly resistant, Linear shrinkage=Non, Corrosive=Mild in liquid form, Toxic=Non~ Insect, rodent, aspergilli and black mold=Excellent resistance, Preservative=Good, Plant and animal=Non harmful.No PBDE, no EPA issues.

**Classified: Class A Fire Retardant Coating , Surface burning characteristics of applied coating.**

Interior rating is Class A; Applications 5 years Exterior. Rating is Class A, Exterior applications 5-Year or 200 inches of rain or simulated. Flame spread =25 or less, Smoke generation=26 or less, Meets or exceeds=ASTM E-84, ASTM E108 burning brand, ASTM-D2898, NFPA 255, NFPA 703, UL 723 same test as ASTM-84, Complies with U. S. Federal Regulation guidelines for paint and coatings.

