



A Name You Can Trust – Since 1990

## **SHINGLE KOTE 200™** with Ember Control Technology **Fire & Flame Retardant Spray-On Application**

If you are like millions of people today who are not aware of today's technological advances in Flame Retardant applications. You might think nothing can be done to prevent or slow down house and building burnouts. Universal Fire Shield Flame Retardant Applications have proven ability for over 19 years. Field tested and demonstrated for Television and Radio audiences. Shingle Kote SK-200 can and does protect like no other product on the market. Shingle Kote spray on applications penetrate deeply into wooden shingles and siding of all types. SK-200 is a water based resinated product. Therefore, after the resin cures it becomes *a part of the shingles*, preserving, insulating and making flame resistant. Holding in the Flame Retardant for up to 5 years! Flying embers are no match for Shingle Kote protection! With improved ember control technology the wooden material becomes as fire safe as asbestos *without the danger*. The other benefits include, preservation, insect, mold and mildew

**Product Guaranteed 100% or your money back, with certified applications.**

### **Universal Fire Shield Products**

[www.firechemicals.com](http://www.firechemicals.com)

Toll Free: 888-290-3853

Email: [info@westcoastfireshield.com](mailto:info@westcoastfireshield.com)



**Economical – Powerful – Preserving  
Environmentally Safe**

Yes it takes planning for prevention. But remember prevention is always better than fighting a fire. Today this is possible with a SK-200 application that will last up to five full years or more.

SK-200 Preserves the wood and the beauty safely. *All types* of outdoor wood products can benefit from SK-200 including: Existing and new shake shingles, natural siding, plywood decking, and soffits.

Also recommended for thatched type roofs. Wood shingle roofs, thatching and like materials are all subject to flying embers from wild land fires and even fire places. After a few years even new fire rated shake shingles lose all flame resistance and must be retreated.

**WHY TAKE CHANCES?** Have it applied today and relax!

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

**West Coast Fire Shield**

[www.westcoastfireshield.com](http://www.westcoastfireshield.com)

Ask for licensed applicators in your area

# SHINGLE KOTE™ SK-200

## APPLICATION

Treat all clean, dry, raw wood surfaces. Shake shingles in most cases are highly absorbent, especially those that are over 10 years old. They have the ability to absorb larger quantities of liquid, but easily become dry and brittle due to the natural weathering process. Therefore the need to treat shakes and like materials grows every year they remain in the weather. Use Shingle Kote full strength on all dry shake surfaces in order to penetrate the woods pores and harden within. The surface to be treated must be dry at least 24 hours from rain, and 4 hours from dew.

To get the maximum effect out of SK-200, power wash your shakes before application. Not only does this remove debris and grime this will also insure your shingles will look their best, and some may even look like new. If you are going to apply a finish make sure to do it after SK-200 is applied. Also we would recommend using a water based finish so that there are no additional flammable oils contained within the shakes. SK-200 lasts up to 5 years in the weather, if a finish is applied it is possible that the SK-200 will last even longer. This is determined by the finish you use and how well you maintain it.

## DIRECTIONS

**By Sprayer:** Average coverage of treatment is 75-150 sq. ft. per U.S gallon on shakes. Because of the nature of shake shingles in their highly absorbent state full treatment can be usually done with 1 heavy coat. Keep in mind this is unlike any other wood product. All other wood products will normally require 2 coats to absorb the required 200 sq. ft. per gallon spread rate. For this reason measure off a 200 sq. ft. area and test the absorbency of the wood to be treated versus 1 gallon of Shingle Kote. This will show you the rate of absorbency the wood has and will allow you to determine how many coats to apply. Stay within 200 sq. ft. per gallon or under to achieve a Class "A" , Class "1" rating. Apply with smooth flowing strokes. Keep spray nozzle 8-12 inches from surface at all times. When spraying shakes before they have been attached to the structure make sure to spray both sides thoroughly. If already attached to the structure make sure to spray up underneath the shakes the best you can.

**By Brush or Roller:** Since the SK-200 is a thin watery liquid applying by brush or roller is not always the best method of application. If you do choose this method with a roller pick a highly absorbent sponge like roller to carry the product adequately. A brush will drip product quite extensively so make sure to cover anything that you do not want SK-200 on. As stated above measure off your area to check square footage versus SK-200. You can apply as you would with paint.

**Safety Precautions:** This product is a stand alone Flame Retardant and cannot be mixed into other coatings such as paint or stain. Shingle Kote is environmentally safe but safety precautions should be used as with other coating applications. Rubber Gloves, goggles and a respirator are recommended to protect eyes, lungs, and skin from prolonged contact. Clean up with warm soapy water. Clean out spray unit with water and a detergent until all residue is clear. You can mix detergent with a small amount of bleach as well to get your spray unit extra clean. Avoid contact with eyes. If Shingle Kote gets into eyes flush with water or eye cleaner for 15 minutes, and call a physician if reaction occurs.

## PRODUCT SPECIFICATIONS AND TECHNICAL DATA

### UNIVERSAL SHINGLE KOTE MSDS INFORMATION

Phosphoric Acid % Formaldehyde % This formula is a trade secret information is partial. This aqueous based resin liquid penetrant is recommended for internal and external use. Total Solids = 31.5%, Weight per Gallon = 9.10LBS, P.H. Factor = 5.5, Flash Point = 0 NON FLAMMABLE, color = clear to slight yellow, Volatility = Non-Volatile, Solvents = Water Base no petroleum or petroleum derivatives, Linear shrinkage = NON, Corrosive = Mild, Toxic = NON, Insect, rodent, aspergillus and black mold resistant. Preservative = Good, Keep Away from Pets, Do not spray directly on plants, NO PBDE'S, No EPA issues

### CLASSIFICATIONS

#### **Class A,1, Flame Retardant Coating, Surface burning characteristics of applied coatings:**

Interior rating is Class A,1, Exterior Rating Class A,1 with 5 Year 200 inches of rain exterior weather resistance. Flame Spread = 25 or less, Smoke Generation = 26 or less, meets or exceeds: ASTM E-84, ASTM E-108 Burning Brand, ASTM D-2898, NFPA 255, NFPA 703, UL 723 (same as ASTM-84). Complies with US federal regulation guidelines for paints and coatings.

