



123 Columbia Court North • Suite 201 • Chaska, MN 55318

**952-448-7377 • FAX: 952-448-2613**

**Fire Retardant "HOT LINE" 1-800-913-9385**

*e-mail: info@fireretardants.com*

**Visit Our Web Site at [www.fireretardantsinc.com](http://www.fireretardantsinc.com)**

**BURN BARRIER™ W Class A Penetrating Wood Treatment  
FIRE RETARDANT Single Strength Ready To Use  
(DO NOT DILUTE)**

Flame-retards sawdust, wood, thatch and wood chips require undiluted **BURN BARRIER™ W** concentrate. **BURN BARRIER W™** is also tested to be effective on natural foliage & unfinished wood products. ASTM E-84 Class A 125/SF/gallon of concentrate.

**BURN BARRIER™ W** is not as effective on plastic or synthetic fibers as it is on natural fibers or blends. **BURN BARRIER™ W** will flame-retard all recommended items, but will not prevent charring. **BURN BARRIER™ W** is colorless, odorless and non-toxic, but is not recommended for ingestion. It will usually not affect the look, feel or ventilation qualities of any material treated. A test application on a small sample must be made prior to treatment if color, texture and appearance is critical. **BURN BARRIER™ W** will not normally lose effectiveness from age or from wearing off, but will lose effectiveness after rain if used outdoors. Materials treated may withstand drycleaning. **BURN BARRIER™ W** will usually not affect the shade or color fastness of textile, paper or dyes, normally not effected by water.

Testing for color-fastness should be done to confirm that the wood will maintain it's color and beauty after it is treated.

ASTM-E84 Tunnell Test Results:

- Flame Spread - "25"
- Fuel Contribution - "0"
- Smoke Density - "85"

Complete Test Laboratory results and material safety data sheets (MSDS) are available upon request.

Above tests are equivalent to UL723, ANSI No. 2.5, NFPA No. 255 and UBC No. 42-1. Meets and Exceeds NFPA Test No. 701.

**DIRECTIONS:**

Do not dilute, as **BURN BARRIER™ W** ready-to-use must be applied in full strength to be effective. Shake or stir well before using. **BURN BARRIER™ W** may be applied by spraying or dipping. When spraying, make sure that material is thoroughly soaked. When dipping, thoroughly soak material and then string out or allow to dry by hanging. **BURN BARRIER™ W** may be applied in any room as it is virtually colorless, odorless and harmless, although adequate ventilation is recommended. One (1) gallon covers approximately 2 coats at 125 sf/gal.



**Retardants Inc.**<sup>™</sup>

*The Decision You Make May Save A Life!*

123 Columbia Court North • Suite 201 • Chaska, MN 55318

**952-448-7377 • FAX: 952-448-2613**

**Fire Retardant "HOT LINE" 1-800-913-9385**

*e-mail: [info@fireretardants.com](mailto:info@fireretardants.com)*

**Visit Our Web Site at [www.fireretardantsinc.com](http://www.fireretardantsinc.com)**

**Notes:**

**BURN BARRIER™ W**

1. **BURN BARRIER™ W** effectiveness is contingent upon the ability of the treated materials to absorb **BURN BARRIER™ W**. Neither **BURN BARRIER™ W** nor any other product known can make items "Fire Proof". Fire retardants are designed to reduce or slow flammability and minimize smoke emission to meet certain test standards and building codes. Independent laboratory tests on many of our products indicate that after treatment with a fire retardant, the material to which it is applied is either self extinguishing after the flame source is removed, or does not ignite or support combustion or burns at a reduced rate within the test criteria, or many may char away to ash without ignition. Generally, the heavier **BURN BARRIER™ W** is applied, the more effective its fire resistance will be.
2. Fire Retardants are not returnable because it may not be possible to assure the contents and effectiveness of products after leaving the premises. If returns are allowed due to extenuating circumstances which are solely at the discretion of Fire Retardants Inc., a 50% restocking charge will apply to qualifying unopened packaging only.
3. Materials treated with **BURN BARRIER™ W** must be thoroughly dry to have maximum effectiveness.
4. **BURN BARRIER™ W** is not recommended for plastic fibers.
5. **BURN BARRIER™ W** is a water-based product. Do not use on items subject to damage or spotting by water. (Corrosive to metals)
6. **BURN BARRIER™ W** must be absorbed by material to be effective. Do not use on items which have been sealed or previously treated without proper consultation by a FRI representative.
7. **BURN BARRIER™ W** should be immediately wiped off such items as finished wood and metal. Do not store in metal container.
8. **BURN BARRIER™ W** should not be applied to the point of dripping. Once the wood has absorbed all it can, additional chemicals can remain on top of wood, resulting in a white residue on the surface.
9. Wood must be dry and clean before applying **BURN BARRIER™ W**.
10. Treated wood, if exposed to extreme heat, will result in the chemicals reacting to prevent ignition and therefore may cause wood to turn brown.
11. It is recommended that a "test sample" be made before treating an entire surface area.
12. If application of **BURN BARRIER™ W** is for wood, it is recommended at two (2) light coats equal 125 sf/gal., be used instead of one (1) heavy coat, allowing wood to dry between applications.
13. Do not use **BURN BARRIER™ W** on living foliage. (Christmas trees, plants wreaths, etc.)
14. **BURN BARRIER™ W** has many valuable uses, but it should not be used indiscriminately.
15. Information provided herein is based on tests believed to be reliable. Inasmuch as Fire Retardants Inc. has no control over the use or application to which others may put this material, Fire Retardants, Inc. makes **NO** guarantee or warranty and assumes no liability. Our products are sold on the condition that each user of the material's make their own evaluation to determine the material's suitability and flame retardatory for their own particular use and safety.