

# Technical Data Sheet

## No-Burn® Wood Gard and Wood Gard Mih

**Product Description:** No-Burn® Wood Gard and No-Burn® Wood Gard Mih are “Class A” water based fire retardant coatings manufactured by No-Burn, Inc. No-Burn® Wood Gard and No-Burn® Wood Gard Mih are supplied in 5-gallon (19 L) pails and 55-gallon (208 L) drums.

**Use:** Spray apply to wood framing during the framing stage of construction. Use on “hot spots” of a structure: around dryer vents, electrical boxes, furnaces, fireplaces, in attics and garages.

**Surface Preparation:** Prior to the application of No-Burn® Wood Gard/Wood Gard Mih, the surface must be free from all deposits, including dust, dirt, oil, wax, etc. for the product to adhere properly to the substrate. No-Burn® Wood Gard/Wood Gard Mih should be at or above 40° F, prior to and during application. The substrate to be treated should be at or above 40° F, prior to and during application. Moisture content of the substrate must not exceed 19 percent during the application of No-Burn® Wood Gard/Wood Gard Mih. Essentially, the substrate to be coated must be porous and properly prepared to receive No-Burn® Wood Gard/Wood Gard Mih.

**Product Preparation:** No-Burn® Wood Gard/Wood Gard Mih should never be allowed to freeze (32° F), should be stored between 40° F and 90° F, and should be kept out of direct sunlight. If you cannot verify that these conditions have been maintained, the product may need to be disposed of in accordance with the manufacturer’s MSDS. Use the product as is; **DO NOT DILUTE**. Call No-Burn®, Inc. for more information.

**Mixing:** No-Burn® Wood Gard/Wood Gard Mih **must be thoroughly mixed before use**, in accordance with the manufacturer’s recommendations. No-Burn® Wood Gard/Wood Gard Mih should be mixed with a Squirrel™ 5 gallon power mixing wand or equivalent at or between 500-900 RPM for a mixing time of 10 minutes per 5 gallon pail.

**\*Shaking No-Burn® Wood Gard/Wood Gard Mih with a paint shaker, is NOT sufficient.**



If No-Burn® Wood Gard/Wood Gard Mih is mixed more than 24 hours prior to use, mix it again, according to the manufacturer’s instructions. No-Burn® Wood Gard/Wood Gard Mih may be tinted at a maximum rate of 5 oz. of No-Burn® Dye Concentrate per 5 gallons of No-Burn® Wood Gard/Wood Gard Mih.

**Application:** Methods of application for No-Burn® Wood Gard/Wood Gard Mih include airless sprayer only. It is commonly recommended that you use a tip with an orifice size in the range of .015-.017. Variations in spray pattern width and tip size may be required depending on the surface area and the substrate to which No-Burn® Wood Gard/Wood Gard Mih is being applied. Wearing a certified respirator and protective eyewear is recommended. Refer to MSDS for more information.

**Dry Time:** Typically between 60 to 90 minutes, depending on the ambient temperature and relative humidity conditions. If more than one coat is applied, allow No-Burn® Wood Gard/Wood Gard Mih to dry completely between coats.

**Clean-up & Storage:** Soap and water. Store at or between 40° F and 90° F, and keep out of direct sunlight. Do NOT allow product to freeze. Dispose of remaining product per manufacturer’s MSDS. To recycle pails visit, <http://www.wbdg.org/tools/cwm.php>.

### Typical Physical Properties

#### Wood Gard:

|                       |                               |
|-----------------------|-------------------------------|
| Color:                | Opaque or tinted as specified |
| VOC:                  | 3.6 g/L                       |
| Specific Gravity:     | 1.19                          |
| Boiling point:        | 212°F                         |
| Freezing Point:       | 32°F                          |
| % Volatile by Volume: | 50%                           |
| Flash Point:          | >212°F                        |
| Clean-up:             | Soap and water                |
| Cure time:            | 24 hours                      |
| Shelf life:           | 36 months                     |
| Drums:                | 55 gallons, 605 lbs           |
| Pails:                | 5 gallons, 55 lbs             |

### Typical Physical Properties

#### Wood Gard Mih:

|                       |                               |
|-----------------------|-------------------------------|
| Color:                | Opaque or tinted as specified |
| VOC:                  | 9.6 g/L                       |
| Specific Gravity:     | 1.19                          |
| Boiling point:        | 212°F                         |
| Freezing Point:       | 32°F                          |
| % Volatile by Volume: | 50%                           |
| Flash Point:          | >212°F                        |
| Clean-up:             | Soap and water                |
| Cure time:            | 24 hours                      |
| Shelf life:           | 36 months                     |
| Drums:                | 55 gallons, 605 lbs           |
| Pails:                | 5 gallons, 55 lbs             |



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- ICC-ES Report #1838

- Coverage rate:  
250-300 square feet per gallon  
(reference relevant third party  
test reports).

For more information, please contact:  
No-Burn®, Inc.'s Corporate Office  
800-989-8577 • [info@noburn.com](mailto:info@noburn.com) •  
[www.noburn.com](http://www.noburn.com)

#### Limited Warranty Information:

No-Burn®, Incorporated warrants that the No-Burn® formula will be manufactured to the same specifications and quality, and will perform equally to the tests performed by the independent laboratories when properly applied by a certified No-Burn® applicator. Warranty coverage is limited solely to the cost of product purchased hereunder and specifically excludes incidental expenses and consequential damages. All implied warranties from No-Burn®, Incorporated are excluded. There may be situations and materials for which No-Burn® products will not prevent a fire from igniting or retard the progress of a fire.