

## Protector Semi Transparent Stain & Sealer - 291 Series

### Product Description

Storm Protector is a Semi-Transparent penetrating stain and sealer meant to protect and highlight the natural beauty of the wood grain. Storm Protector penetrates deep into the wood for added protection against Mother Nature. Storm Protector is compatible with any wood species including: Redwood, Cedar, Pine, Douglas Fir, Spruce, Cypress, Mahogany, and Pressure Treated.

### Recommended Use

Storm Protector can be applied to any exterior wood, including Redwood, Cedar, Pine, Douglas Fir, Spruce, Cypress, Mahogany, and Pressure Treated.

### General Surface Preparation

Surfaces must be thoroughly cleaned of all dirt and dust. All prior coatings must be completely removed, prior to application. Surfaces should be washed with 30210 Storm All Surface Cleaner. If Mold and Mildew are present, wash surface with 40210 Storm All Surface Mold and Mildew Cleaner. Be sure that any cleaning agents, or chemical strippers are fully washed off or neutralized. Grease, oils and wax should be removed by solvent cleaning to insure proper penetration. For proper penetration and adhesion, Aged/Gray wood must be sanded down to ensure all dead wood fibers are removed. All wood species must have a moisture content of 15% or less.

### Application

Prior to application, a test should be performed on the actual species of wood being used before larger areas of wood are finished. Storm Protector comes ready to use as it comes from the container. Stir thoroughly before use. Mix multiple gallons together in a separate container (boxing) to ensure uniform color. Storm Protector can be applied by brush, roller, pump sprayer or airless sprayer.  
DO NOT THIN. Stir product continuously during application, to ensure proper color uniformity.

### Clean up

Clean tools and equipment with mineral spirits or turpentine. Do not use water on natural bristle or china bristle brushes.

### Architectural Specifications

Redwood, Cedar, Pine, Douglas Fir, Spruce, Cypress, Mahogany, Pressure Treated:  
1 Coat Storm Protector  
Properly Prepared Weathered Wood:  
2 Thin Coats Storm Protector

### Precautions

Do not apply this product to gray/aged wood. Do not apply this product over previously stained or painted surfaces. Appearance varies with the different varieties of wood. Samples should be tested on the actual wood being used before large areas of wood are finished.  
Stir product continuously during application, to ensure proper color uniformity.

### Environmental Health and Safety Information

**KEEP OUT OF REACH OF CHILDREN. Do not take internally. Close container after each use.**

Stir product continuously during application, to ensure proper color uniformity.

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\*Depending upon color choice, non zero VOC colorant added to this product may significantly increase VOC levels.

Silica Warning ! - Scraping, sanding or removing old paint or drywall finishing materials from any surface may release lead, asbestos, and/or crystalline silica dust. LEAD, ASBESTOS, AND CRYSTALLINE SILICA ARE TOXIC. For a Guide to Working Safely with Silica", log on to the U.S. Department of Labor's website at: [www.osha.gov/dsg/topics/silicacrystalline](http://www.osha.gov/dsg/topics/silicacrystalline).

WARNING: This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Lead Warning ! - If you scrape, sand or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

All equipment must be grounded and non-sparking tools and appropriate footwear should be used.

Some paint products may contain chemicals which are harmful if they come in contact with exposed skin. Protection for exposed skin (gloves, protective creams) should be available, and used per product directions.

Always use any paint product with proper ventilation. Provide general dilution or local exhaust ventilation in volume and pattern to keep the air contaminant concentration below the applicable exposure limit (OSHA PEL) of the components being used. This information is listed on the appropriate Material Safety Data Sheets. All application areas should be ventilated in accordance with applicable OSHA regulations, contact your local office for specific information.

In an enclosed area and as required, always wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application of any coating unless air monitoring demonstrates that vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use.

CAUTION! Combustible Liquid: Keep away from heat and flame. Close container after each use. Use only with adequate ventilation. Wash thoroughly after handling. In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations. KEEP OUT OF REACH OF CHILDREN. Working with flammables and combustibles: Fire extinguishers, a safety shower, and fire blankets must be immediately available. Use only explosion-proof electrical equipment, including lighting. Do not leave any material or equipment unattended.

FIRST AID: In case of eye contact, flush immediately with water for at least 15 minutes; for skin, wash thoroughly with soap and water. If symptoms persist, seek medical attention. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, seek medical attention immediately. If swallowed, rinse mouth with water (only if person is conscious). Call for medical assistance immediately. Do not induce vomiting unless directed to do so by medical professional.

| Technical Data                                |                          |
|---|--------------------------|
| <b>Product Type</b>                           | Stain - Semi Transparent |
| <b>Exposure</b>                               | Exterior                 |
| <b>Specular Gloss</b>                         | 3° ± 2                   |
| <b>Volume Solids</b>                          | 94.49% ± 2               |
| <b>Weight Solids</b>                          | 93.91% ± 2               |
| <b>Vehicle Solids</b>                         | 95.95% ± 2               |
| <b>Pigment</b>                                | 4.05% ± 2                |
| <b>Wet Film Thickness</b>                     | N/A mils                 |
| <b>Dry Film Thickness</b>                     | N/A mils                 |
| <b>Viscosity @ 77 °F</b>                      | 25-35 #2KU ± Zahn Cup    |
| <b>Max VOC</b>                                | 50 g/l                   |
| <b>Flash Point ° F</b>                        | N/A                      |
| <b>Thinner</b>                                | N/A                      |
| <b>Clean - up</b>                             | Mineral Spirits          |
| Surface Spread Rate                           |                          |
| <b>Smooth</b>                                 | 125-175 s.f./gal.        |
| <b>Porous</b>                                 | 100-150 s.f./gal.        |
| <i>(Spray Application is 50% of above)</i>    |                          |
| Drying Times                                  |                          |
| <b>To Touch</b>                               | 12 Hours                 |
| <b>To Handle</b>                              | 24 Hours                 |
| <b>To Recoat</b>                              | 24 Hours                 |
| <b>To Wash</b>                                | 48 Hours                 |
| <i>(@ 70 - 77 °F, 50% R.H.)</i>               |                          |
| Surface Temperature At Application            |                          |
| Minimum: Over 50°F                            | Maximum: Under 90°F      |
| Storage Temperature                           |                          |
| Store Between Over 40°F to Under 90°F         |                          |
| Tools & Equipments                            |                          |
| <b>Brush</b>                                  | China Bristle            |
| <b>Roller</b>                                 | 3/8" - 1/2" Nap          |
| <b>Airless Spray</b>                          | .011 to 0.013 Tip        |
| Available Package Sizes                       |                          |
| 5 Gallon                                      | Gallon                   |
| <i>(Weight Per Gallon: 7.31 lbs. ± .5 lb)</i> |                          |
| Available Colors and Bases                    |                          |
| Available in 6 stock colors                   |                          |

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**WARNING!** Use only with adequate ventilation. Do not breathe spray or sanding dust. Ensure fresh air entry during application and drying. Avoid contact with eyes and prolonged or repeated contact with skin. Avoid exposure to dust and spray mist by wearing a NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. Close container after each use. Wash thoroughly after handling. **KEEP OUT OF REACH OF CHILDREN.**

**USE COMPLETELY OR DISPOSE OF PROPERLY:** Dispose of in accordance with applicable Federal, State and Local regulations. Under the Resource Conservation and Recovery Act (RCRA) regulations, it is the responsibility of the product user to determine, at the time of disposal, whether a material should be classified as a hazardous waste. For recycling guidance of any unused amount, contact your local or provincial organization of recovery, recycling and disposal for regulations.

Place the rags in an empty metal container that has a tight metal lid such as a paint or stain can. Fill the container with water until the rags are submerged; Fill Place the metal lid tightly over the water soaked formerly combustible rags. Place lid tightly on container. Coontact local municipal offices for disposal directions. Never dump solvent down any household or external drains or in any open water.

### Notes