

# PRODUCT DATA SHEET

## STA BRITE® R

### PRODUCT DESCRIPTION AND BASIC USE

Sta Brite® R is a pigmented, water-repellent, weather-resistant treatment that is specifically formulated to provide lasting protection to wooden shake & shingle roofs, and unpainted siding & fencing from elemental forces. Available in 1-gallon and 5-gallon containers in five semi-transparent colors (Brown, Dark Brown, Cedar, Charcoal and Medium Gray).

Its natural, earth-derived pigment system and additional protectants shield the wood from ultraviolet (UV) light, ultimately increasing wood surface life by preventing erosion and deterioration caused by harsh sunlight. The treatment's mild bleaching properties also help prevent build-up of wood surface stains. Re-treating every three to five years will keep the wood beautiful, solid and intact.

Sta Brite R contains no heavy mineral or lubricating oils which may have an offensive odor and, when vaporized, represent an environmental hazard. Instead, Sta Brite R prevents the splitting and checking of wood by limiting water infiltration and harmful sunlight. It is designed to work with the sun by reflecting harmful rays while simultaneously utilizing the sun's natural bleaching qualities to prevent unsightly stains.

#### FEATURES

- Water-repellent and weather-resistant
- Contains natural pigments and Titanium Dioxide UV Blocker
- Water-based formulation
- Concentrated formula – Dilutes with up to seven parts water
- Available in semi-transparent Brown, Cedar, Charcoal and Medium Gray

#### BENEFITS

- Protects against cupping, curling and warping
- Enhances natural beauty of the wood and protects against sunlight degradation
- Minimal Odor - Pleasant to use – not offensive to homeowner
- Cost effective – a fraction of the cost of roof replacement
- Allows homeowners to choose from five appealing colors when restoring their cedar roof

### DIRECTIONS FOR USE

Application of Sta Brite R solution results in a semi-transparent stain, which does not hide the natural features of the wood.

### SURFACE PREPARATION

Old, weathered and discolored wood should be free of debris, cleaned properly, and thoroughly dried before application.

Low-pressure power washing, with or without bleaching agents, may be used to remove moss, mold or algae. Make sure any bleaching agents used are washed off prior to the application of Sta Brite R.

Hand brushing and air blowing may also be appropriate.

Do not apply onto any surface that is painted, stained or contains any water repellent without first removing the existing coating or water repellent completely. Sta Brite R will not work on surfaces that are treated with a water repellent.

Pressure-treated wood should be allowed to age and weather at least six months prior to the application of Sta Brite R.

## MIXING INSTRUCTIONS

Shake or mix the concentrate thoroughly before diluting with from four to seven parts water. Mechanical mixing is recommended.

For deeper color and added durability (especially when wood is shaded by trees or in areas with extremely heavy rainfall), water should be reduced to as low as four parts. Six parts water is the normal recommended dilution.

**The diluted solution should be used on the same day it is mixed.**

## ADDING CUSOL-5 TO STA BRITE R FOR MAXIMUM PERFORMANCE ON DECAY

- For the ultimate protection for your roof or fence, our EPA-registered wood preservative, Cusol-5, can be added to your Sta Brite R solution to protect against decay and other fungal problems.
- Low hazard conditions: replace one quart of mix water with one quart of Cusol-5
- Moderate hazard conditions: replace ½ gallon of mix water with ½ gallon of Cusol-5
- Extreme hazard conditions: replace one gallon of mix water with one gallon of Cusol-5.
- The color of the Sta Brite R solution will darken with the amount of Cusol-5 added. Please test color before applying to the roof or fence.

## APPLICATION

- Temperature should be above freezing.
- Shake or mix concentrate well before using.
- Maintain good agitation of diluted product during application.
- Do not apply less than 48 hours after rain for best results.

Mixture can be sprayed, rolled, or brushed on wooden roofing, unpainted siding & fencing, etc., or wood may be dipped into the mixture. The solution should be stirred regularly during application to maintain the pigments in suspension, providing an even color on the treated surface. If a garden sprayer is used, it should be shaken regularly during application.

To ensure the correct color, test spray a section of wood prior to coating the entire surface.

Complete drying time is less than 24 hours. Surface is usually dry to the touch in 3-4 hours.

**Limitations:** Do not apply Sta Brite R to horizontal surfaces (decks or walkways) as traffic will scuff and quickly remove color and/or track pigments onto interior surfaces. Do not apply this product if rain is expected within 24 hours or if temperature is below freezing.

## COVERAGE

The typical coverage rate of diluted Sta Brite R is 50 to 150 square feet per gallon depending on application, age of wood and porosity.

## HANDLING AND STORAGE

**KEEP OUT OF REACH OF CHILDREN**

Do not handle until all safety precautions have been read and understood. See product label and Safety Data Sheet for hazards and precautions.

Observe good personal hygiene practices. Change protective gloves/clothing when signs of contamination appear.

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Mix contents before using. Do not allow to freeze.

For product emergencies, call Chemtrec toll free at 1-800-424-9300.

### TECHNICAL DATA

Appearance	Diluted material is a colored water-based liquid. Complete drying time is less than 24 hours. Usually dry to the touch in 3 to 4 hours.
Flash Point	>200°F
Viscosity	1,750-3,750 cps, #3 spindle at 20 rpm. Freeze Point: 19 - 31° F
Volatility	Very low. Meets all state VOC requirements.
Density	1.31 g/cm <sup>3</sup> @ 20° C. 10.94 Lbs./Gal.
Corrosivity	Non-corrosive
Stability	Stable under normal handling and storage conditions
VOC	86 g/L

### WARRANTY AND LIMITATION OF DAMAGES

Seller warrants to those persons lawfully acquiring title to this product that at the time of the first sale of this product by seller this product conformed to its chemical description and that it was reasonably fit for the purposes stated on the product label when used both in accordance with the Directions for Use appearing on the product label and under normal conditions of use. Buyers and users of this product assume the risk of all loss or damage from use or handling of this product that results from their failure to read and comply with the Directions for Use of this product, which appear on the product label. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO. Unless expressly prohibited by state law, the liability of seller for any breach of warranty shall not exceed the purchase price of the product as to which a claim is made.

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