

# PRODUCT DATA SHEET

## STA BRITE® R

### PRODUCT DESCRIPTION AND BASIC USE

Sta Brite R is a specially formulated stain for wooden shake & shingle roofs and fencing that penetrates the wood fibers so it will not crack, peel or blister. It allows the wood to expand and contract naturally in all weather conditions.

Its natural, earth-derived pigment system and additional protectants shield the wood from ultraviolet (UV) light, ultimately increasing wood surface life by reducing 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. Re-treatment interval will vary depending on weather conditions, dilution rate, and surface preparation at the time of application.

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 reduces 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 Cedar, Brown, Dark Brown, Medium Gray and Charcoal in 1 gallon and five gallon containers.

#### BENEFITS

- Reduces 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 or fence

### DIRECTIONS FOR USE

For best results please follow procedures outlined in Surface Preparation, Mixing and Application sections below.

### SURFACE PREPARATION

For best results, roof or fence should be washed and rinsed to remove all debris and fungal growth.

Surface must be clean and dry before application.

Low-pressure power washing, with or without bleaching agents, should be used to clean wood and 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.

If wood is not washed, life of coating will be reduced.

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 five 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 five parts. Six parts water is the normal recommended dilution.

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

## APPLICATION

For best results, temperature should be above 50°F during and for a few hours after application.

Maintain good agitation of diluted product during application.

Do not apply less than 48 hours after rain for best results.

Pre-wet and rinse or cover concrete, siding and plants to prevent staining.

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.

Best results are obtained with a garden sprayer or high volume, low pressure sprayer applied to the point of saturation.

Do not allow a film to build on wood surface.

Rinse overspray or spills with water before it dries.

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.

Normal weathering of Sta Brite R may leave light pigment residue at downspouts and excessive runoff points.

**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	2,700-3,950 cps, #3 spindle at 20 rpm. Freeze Point: 19 - 31° F
Volatility	Very low. Meets all state VOC requirements.
Density	1.33 g/cm <sup>3</sup> @ 20° C. 11.1 Lbs./Gal.
Corrosivity	Non-corrosive
Stability	Stable under normal handling and storage conditions
VOC	86 g/L
Shelf-life	4 years from date of manufacture

### 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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