



BENJAMIN MOORE®

BRIGHTEN

BRIGHTENER AND NEUTRALIZER 317

Features

- Removes tannin and rust stains
- Breaks the "mill glaze" on new wood
- Counteracts the darkening effect caused by the RESTORE (316) and REMOVE (315) products on tannin-bearing woods
- Concentrated formula

General Properties

A safe brightener for exterior use on wood decking, siding, shingles and furniture. Removes tannin and rust stains. Rinses easily with water, and is safe for all coatings and treated lumber. Removes the factory "mill glaze" which can interfere with the adhesion of paints and stains to smooth planed lumber, clapboards, or siding.

Recommended For:

For exterior use on wood decking, siding, shakes and furniture. Removing rust and tannin stains from a variety of substrates. Effectively neutralizes pH of BENJAMIN MOORE® RESTORE (316) and BENJAMIN MOORE® REMOVE (315) products.

Limitations:

- Do not apply when air and surface temperatures are below 50° F (10° C)

Product Information

Colors — Standard:

Not applicable

Certification

Very low in VOC's
Available in all regulated areas.

Technical Assistance

Available through your local authorized independent BENJAMIN MOORE® retailer. For the location of the retailer nearest you, call 1-800-826-2623, see www.benjaminmoore.com, or consult your local Yellow Pages.

Technical Data◇

Max. Mixing Ratio (7:1) Seven parts water to one part BRIGHTEN

Coverage per gallon 1600 - 2400 Sq. Ft.
Depending on dilution and surface conditions

Flash Point None

Surface Temperature at application – Min. 50° F
– Max. 90° F

Thin With Clean Water

Clean Up Thinner Clean Water

Weight Per Gallon 8.7 lbs.

Storage Temperature – Min. 40° F
– Max. 90° F

Volatile Organic Compounds (VOC)

◇ EXEMPT

Surface Preparation

Project surfaces may be damp or dry. Protect adjacent surfaces not to be cleaned. Pre-wet and/or cover vegetation. Remove or cover surrounding lawn furniture, landscape ornaments, and metal objects such as fixtures, aluminum doors, and window frames, which may tarnish.

It is recommended that you test product performance in an inconspicuous area prior to use.

WARNING! If you scrape, sand or remove old paint, 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 HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Application

MIXING: BENJAMIN MOORE® BRIGHTEN Brightener & neutralizer is a concentrate. This container makes up to 8 gallons of product. Mix ½ gallon of BRIGHTEN Brightener & Neutralizer with 3-1/2 gallons of water. For stubborn areas mix 1/2 gallon of BRIGHTEN Brightener & Neutralizer with 2-1/2 gallons of water. When using through a power washer chemical injector, place intake tube directly into container.

DO NOT MIX CLEANER IN METAL CONTAINERS. NEVER MIX OR USE WITH OTHER CLEANERS OR CHEMICALS.

APPLICATION: 1. Apply diluted solution liberally to surface with plastic garden sprayer, brush or through power washer chemical injector. 2. Allow solution to stand for several minutes. 3. Agitate with stiff bristle brush in direction of wood grain and rinse using a garden hose with nozzle or power washer. 4. Allow surface to dry thoroughly. Note: When applying to vertical surfaces, apply from bottom to top.

IMPORTANT: Allow wood to dry thoroughly before applying a new finish coat.

NOTE: For restoring heavily grayed wood surfaces, BENJAMIN MOORE® RESTORE for Gray & Weathered Wood (316) is recommended..

Mixing

Mix according to the instructions above.

CLEAN UP: Clean equipment with warm, soapy water.

DISPOSAL: USE COMPLETELY OR DISPOSE OF PROPERLY. Local disposal requirements vary; consult your sanitation department or state designated environmental agency on disposal options.

Environmental, Health & Safety Information

Contains: Oxalic Acid and Citric Acid

CORROSIVE. CAUSES SEVERE IRRITATION AND BURNS TO EYES, SKIN AND RESPIRATORY TRACT. MAY BE FATAL IF SWALLOWED. HARMFUL IF INHALED OR ABSORBED THROUGH SKIN. MAY CAUSE KIDNEY DAMAGE.

Contact with eyes may cause severe burns with possible corneal damage or blindness. Skin contact can cause severe irritation and burns. Absorption through skin can lead to systemic poisoning. Inhalation of vapors and mist may cause irritation to eyes and respiratory tract. High concentrations can produce severe irritation and burns to respiratory tract. Ingestion may cause gastrointestinal corrosion, vomiting, diarrhea, shock or death due to liver damage.

Use only with adequate ventilation. Do not breathe vapors, spray mist or sanding dust. Avoid contact with eyes and prolonged or repeated contact with skin. Wear eye protection or face shield. Wear butyl gloves, impervious apron, boots and other clothing if needed to prevent contact. If spraying (only outdoors), use a NIOSH approved respirator. If you experience eye watering, headaches or dizziness, increase fresh air or wear a properly fitted vapor/particulate NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for use. **DO NOT MIX OR USE** with other household cleaners or chemicals. Close container after each use. Wash thoroughly with soap and water after each use. Exercise caution when working on surfaces that are wet, especially from cleaner. Wet surfaces are extremely slippery.

FIRST AID: In case of eye contact, immediately flush with water for 15 minutes while lifting upper and lower lids. In case of skin contact, wash with soap and water immediately, remove contaminated clothing and launder before reuse. If affected by inhalation of vapors or spray mist, remove to fresh air. If ingested and victim is conscious, give one glass of limewater or milk to dilute. **DO NOT INDUCE VOMITING.** Never give anything by mouth to an unconscious or convulsing victim. In all cases of exposure, call a physician immediately.

SPILL - Absorb with inert material and dispose of as specified under "DISPOSAL".

KEEP OUT OF REACH OF CHILDREN

PROTECT FROM FREEZING

Refer to Material Safety Data Sheet for additional health and safety information.