



NORTHERN NATURALS SEMI-TRANSPARENT ALKYD STAIN 5310

Resin Type	Sheen	Quality Level	Spread Rate	Clean Up	Dry at 77°F.
alkyd/linseed blend	flat	professional best	150-300 sq. ft./gal.	mineral spirits	12 hours recoat

Description

Northern Naturals is a beautiful, penetrating wood stain for exterior use. It is designed to allow the wood grain to show through, gaining a natural wood look. Its oil base formulation allows excellent penetration in to the wood giving good durability and resistance to cracking and peeling.

Where To Use

This product is designed primarily for new wood and previously stained woods. Do **NOT** apply to manufactured hardboard siding, concrete products, or painted surfaces. Do not apply over solid color stains. Northern Naturals is excellent for use on wood decks, sidings, facia, soffits, fences, patio furniture, etc. It provides excellent results on cedar and redwood substrates but may be used on most wood species.

Surface Preparation

All surfaces must be clean and dry. Do not stain in rainy weather. Remove all loose old paint, grease, dirt, dust, mildew, oil or other contaminants from the surface to be stained. Do not apply over glossy surfaces.

Primer

None required.

Thinner

This product is V.O.C. compliant. Do Not Thin.

Application

Stir contents prior and during use. This product may be applied with a brush, roller or sprayer. Avoid lap marks by applying a continuous wet film of stain. Try to maintain a wet edge by staining only a few boards at a time. Do not apply in hot, direct sunlight. When applied by sprayer, follow up with a dry brush. Extractive bleeding can occur in certain wood species. It is especially noticeable in lighter shades of colors. Bleeding is a characteristic of the wood and not the stain. Do not apply below 45°F.

Coverage

On rough wood coverage is 150-200 sq. ft. per gallon. Smooth wood may provide up to 300 sq. ft. per gallon.

Available Colors

This tintable clear base allows an infinite variety of colors. For standard colors see our color card.

Caution

Combustible!

See other cautions on back.

Environmentally Friendly Tips

- Only purchase the quantity you need.
- Do not mix paints for storage or disposal. Leave paint in the original container.
- Do not throw liquid paint in the trash or pour it down the drain.
- Recycle leftover or unused paint. Call your local government for recycling advice.

Packaging Options

- Five gallon pails
- Gallons

Physical Data

(figures shown are approximate)

Solids by Weight	43%
Solids by Volume	31%
Weight per Gallon	7.75
Viscosity	20 seconds ZAHN #2
Flashpoint	100°F
Gloss @ 60°	3-5
Hegman Grind	5
Color Retention	Very Good

Limitations

For #5310

Not recommended for use on the following:

- metal substrates
- hardboard siding
- most concrete products
- areas of corrosive chemical environments
- over old paint or solid color stains

Excessive color tinting may cause unsatisfactory drying. Since these are water base coatings, dry time will be affected by temperature and humidity.

Health And Environment

Not recommended for immersion service or use on damp or wet surfaces, high heat, or humid conditions. This material contains no lead, mercury or crystalline silica. Material Safety Data Sheets are

Precautionary Information

When applying coatings by spray equipment, observe all precautionary safety measures. Spray equipment must be handled with due care and in strict accordance with manufacturer's recommendations for personal safety, and to prevent fire. If precautions are not taken, spraying of any material can be hazardous, particularly when using high pressure airless equipment. High pressure may inject coating into the skin causing serious injury, requiring immediate poison center contact and/or hospital treatment. When using or handling spray equipment hoses and the like, observe all required safety practices. In addition, when spraying paint or coatings, wear a respirator recommended for the product being handled. In all cases, wear protective eye equipment.

In all cases, please read respirator manufacturer's instructions and literature carefully to determine the type of airborne contaminants against which the respirator is effective, and how it should be properly fitted. Carefully read each product label and follow directions for its use. Please read and observe all the warnings and precautionary information on the product labels.

Some of the components of various coatings may be irritating to the skin and/or eyes, so contact should be prevented. In case of contact, flush skin thoroughly with soap and water. For eyes, flush with plenty of water for at least 15 minutes and get medical attention immediately.

During the application of all coating materials, all flames, welding and smoking must be prohibited.

CAUTION! COMBUSTIBLE! USE WITH ADEQUATE VENTILATION! DO NOT TAKE INTERNALLY! CLOSE CONTAINER AFTER EACH USE! KEEP OUT OF THE REACH OF CHILDREN!

Avoid prolonged breathing of vapor and spray mist. Coatings should only be applied when ventilation is adequate. When available ventilation may not be adequate, applicators should wear respiratory protection, choosing the proper respirator with aid of the following:

Outdoor or open areas: Use filter type respirators (approved with NIOSH/MSHA) to remove solid airborne particulates from overspray.

Restricted ventilation areas: Use combination organic vapor-filter type respirators (approved with NIOSH/MSHA) which are designed to purify the air by removing solid airborne particulates and organic vapors.

Confined areas: Use supplied air respirators or hoods (approved with NIOSH/MSHA)

First Aid Statement

If swallowed, do induce vomiting. In case of skin contact, wash affected area with mild soap and water. In case of eye contact, flush eyes immediately with plenty of water for 15 minutes. If affected by inhalation of vapor or spray mist, remove to fresh air. Apply artificial respiration and other supportive measures as required. If any of the following occur during or following use of this product, contact a **POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN IMMEDIATELY** (have label information available):

- Ingestion
- Excessive exposure to a corrosive material
- Persistent skin/eye irritation or breathing difficulties
- Other symptoms

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available upon request. Whenspraying, use suitable respiratory protection and provide adequate ventilation.

WARNING: This product complies with Federal law restricting the presence of lead in consumer coatings. Removal of old paint by sanding, scraping or other means may generate dust or fumes which contain lead. EXPOSURE TO LEAD DUST OR FUMES MAY CAUSE ADVERSE HEALTH EFFECTS, ESPECIALLY IN CHILDREN OR PREGNANT WOMEN. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For additional information, contact the USEPA/Lead Information Hotline at 1-800-424-LEAD.

Medical Response

Emergency Medical Information 1-800-535-5053

The facts and figures represented in the specification manual are accurate to the best of our knowledge, and are the results of testing in our laboratory. We do not express, warrant or guarantee the accuracy, completeness, or reliability of same. Since Hirshfield's paint Mfg. is constantly improving its products, future technical data may vary somewhat from what was available when this bulletin was printed.

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