



NORTHERN NATURALS EXTERIOR LATEX STAIN SOLID COLOR 5290, 5292, 5293, 5296

Resin Type	Sheen	Quality Level	Spread Rate	Clean Up	Thinner	Dry at 77 °F	V.O.C. Level
acrylic latex	flat	professional best	250-400 sq. ft./gal.	water	water	30 min. tack free 3-4 hours recoat	< 250 g/L

Description

Northern Naturals is an extremely durable latex type wood stain with highest quality color pigments to give lasting beauty and protection on all types of wood. It is pigmented enough to hide grain, yet allows wood texture to show through. It possesses excellent fade resistance, grain crack resistance and has excellent adhesion. Northern Naturals is also formulated to provide a unique barrier to prevent, in most cases, extractive bleeding on cedar and other similar wood sidings. For best results over these difficult woods, see our primer recommendations below.

Where to Use

Northern Naturals can be used on most types of rough or smooth wood siding, shakes, most types of plywood, and all types of fencing surfaces. This stain can also be used on masonry surfaces such as stucco and concrete blocks. Northern Naturals is especially good on hardboard applications. It may even be applied over properly prepared painted surfaces. Two coats may be required over some painted surfaces. **Limitations** - Not for use on horizontal surfaces such as roofs, decks or floors. Do not use in high heat or corrosive chemical environments.

Surface Preparation

New Work - Surface must be clean and dry. Stir or shake well prior to application (without thinning). Fill all nail holes with putty tinted to color of stain. Lighter colors may require a primer over extractive bleeding boards, such as cedar or redwood. Seal all knots with a coat of shellac or similar sealer.

Old Work - This stain may be applied over previously painted or stained surfaces after they have been properly prepared. Remove all loose paint, grease, oil, dirt, chalk, etc. Sand all glossy areas. Patch and prime where necessary. Remove any efflorescence on masonry surfaces.

Primer

Factory Primed Hardboard - Reprime with #4250 Acrylic Primer.

New Wood - No primer is normally required. If extractive bleeding is a problem, then prime with #6050 Oil Primer or # 4250 Acrylic Primer (best).

Old Wood - Spot prime bare areas with # 6050 Oil Primer or #4250 Acrylic Primer.

Metal - Use a suitable metal primer.

Masonry - None normally required.

Application

Stir contents thoroughly before and during application. May be brushed, rolled, or sprayed. This product can be applied in temperatures between 35 °F and 80 °F. Avoid painting in hot direct sunlight or over a hot surface. Air and surface temperatures must be above 35 °F and at least 5 °F above the dew point. Do not use when air or surface temperatures are expected to drop below 35 °F within 48 hours after application. Do not use when rain or snow is expected within 8 hours of application.

Recommended Wet Film Per Coat: 3.5 mils.
Recommended Dry Film Per Coat: 1.4 mils.

Available Colors

Tintable to over 2,000 colors with bases.

Caution

Keep from freezing.

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.
- Small amounts of latex paint can be air-dried and disposed through your trash collection system.
- 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	53%
Solids by Volume	39%
Weight per Gallon	10.83
Viscosity	80-85 KU
Flashpoint	Over 200 °F
Gloss @ 60°	3-5
Sag Rating (ASTM D4400)	>12
Color Retention	Very Good

Limitations

Not recommended for use on the following:

- floors or other horizontal surfaces
- areas of corrosive chemical environments
- rusted substrates without adequate surface preparation and must be primed to minimize rust staining through the topcoat.

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

Not recommended for immersion service or use on damp or wet surfaces, high heat, or humid conditions.

Health And Environment

This material contains no lead, mercury or crystalline silica. Material Safety Data Sheets are available upon request. When spraying, use suitable respiratory protection and provide adequate ventilation Dis-

posal of most latex paints is allowable in landfills if material is in solid form. Always check with local regulations. Leftover Latex paint is recyclable. Contact your local government recycling program for more information.

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

Precautionary Information

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.

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.

Before using the products listed herein, 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.

CAUTION! 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)

IMPORTANT! 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.

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

7/10/09

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.

Corporate Office/Retail/Support Center
725 Second Ave. N., Mpls, MN 55405
612-377-3910 • www.hirshfields.com • e-mail: info@hirshfields.com



Hirshfield's Paint Mfg., Inc.

4450 Lyndale Ave. No. Mpls., MN 55412 / (612) 522 6621