



NORTHERN NATURALS

EXTERIOR ALKYD SEMI-
TRANSPARENT STAIN

5310 CLEAR TINT BASE

General Description

A premium quality penetrating exterior wood stain designed to let the grain, texture and natural color variations of the wood to show through.

Physical Product Data			
Product Type	Alkyd / Linseed Oil Blend	V.O.C.'s	<550 g/L
Volume Solids	31% ± 2%	Gloss at 60°	3 - 5
Solids by Weight	43% ± 2%	MPI / Other Certifications	
Weight per Gallon	7.8 lbs.	Flash Point	>100 °F
Viscosity	20 seconds ZAHN #2	Packaging Options	1 Gallon; 5 Gallon
Coverage per Gallon	150 - 300 sq. ft.	Available Colors	Tintable to 1,000's of custom colors with up to 8 oz. per gallon of universal colorant
Recommended Wet Mil Thickness (Per Coat)	N/A	Recommended Dry Mil Thickness (Per Coat)	N/A

◊ Reported values are before tinting

Where to Use

New or previously stained exterior wood substrates including siding, shakes, decks, fences, etc. Not for use over paint or solid color stains. Typically used on cedar and redwood but may be used on most wood species.

General Surface Preparation

Proper surface preparation is the key to any long lasting paint job. The surface to be stained must be clean and dry. Remove all dirt, dust, grease, oil, chalky residue, mildew, rust or any other surface contaminants. All mill glaze and loose wood fibers must be removed to allow proper adhesion. Use an appropriate cleaner, and then rinse thoroughly with clean water and let thoroughly dry. Special attention should be given to thoroughly wash and rinse areas under eaves and overhangs where dirt and other contaminants can collect, causing lack of adhesion. Product must be able to penetrate into the wood for proper performance. Allow several good drying days on wood or other porous surfaces before painting. Remove any loose or peeling stain by sanding, scraping, wire brushing, or other practical means. Feather sand all edges to provide a smooth transition. Gaps between siding and windows, doors, trim, etc. can be filled with a high quality caulk after staining.

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 properly fitted NIOSH-approved respirator to control lead exposure. Clean up carefully 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 Guide

Stir contents thoroughly before and during application. Intermix containers of the same color to insure color uniformity. Apply 1 or 2 full coats as needed, keep a wet edge to avoid lap marks. Let dry thoroughly between coats.

- **Application Tools:** High quality natural bristle brush. High quality synthetic roller cover.
- **Airless Sprayer:** Minimum Pressure 1000 psi, .013 - .015 tip size. It is always advisable to back-roll or back-brush the area to ensure proper adhesion and an even coat application.

Thinning is not recommended.

Do not over apply. Generally one coat is all that is recommended. Over application will result in a glossy appearance, poor drying, and runs or sags in the finish. It is always a good idea to test the color in a small inconspicuous area before proceeding with the entire project. For exterior use only.

Do not apply when air and substrate temperatures are below 50°F or above 90°F

- **Dry times:** @77°F, 50% RH – to touch 4-8 hours - to recoat 12-24 hours. Dry times can vary depending on temperatures, humidity, color, and film build. Do not apply when dew points are within 5 degrees of the temperature. Do not apply when rain is imminent within 24 hours of application.
- **Cleanup:** Clean up spills or splatters immediately with mineral spirits. Clean painting tools and equipment with mineral spirits. Follow all manufacturers' safety recommendations when using mineral spirits or other solvents.

DANGER: Rags, steel wool, or waste soaked with this material may spontaneously catch fire if improperly discarded. Immediately place all rags, steel wool, and other waste in a sealed, water-filled metal container. Dispose of according to local regulations.

CONTAINS PETROLEUM DISTALLATES: Vapors may ignite explosively. Do not smoke; keep away from heat, sparks, and flame.

HAZARD STATEMENT: Combustible liquid. Causes eye and skin irritation. May cause cancer. Contains solvents that can with prolonged over exposure cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Environmental, Health & Safety Information

May cause irritation to the skin or eyes. **Use only with adequate ventilation.** Avoid prolonged breathing of vapor, spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid exposure to dust and spray mist by wearing a properly fitted and approved NIOSH respirator. Follow respirator manufacturer's directions for use. Avoid contact with the skin and eyes. Wash skin thoroughly with soap and water after handling.

When spraying be sure to follow all precautionary safety measures. Spray equipment must be handled with due care and in strict accordance with sprayer manufacturer's recommendations. Use of a NIOSH approved respirator when spraying is recommended.

Do not pour leftover material down a drain. Always recycle leftover material when possible. Consult your local sanitation department or recycling center for disposal options. Hirshfield's is a member of MN Paint Care Inc. For more information visit www.paintcare.org

First Aid Information

In case of eye contact, flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately if irritation persists. For skin contact, wash thoroughly with soap and water. Use with adequate ventilation. If you experience watering eyes, difficulty breathing, headache, or dizziness, leave the area and obtain fresh air. If symptoms persist, seek medical attention.

If swallowed do not induce vomiting, call the POISON CONTROL CENTER, EMERGENCY ROOM, OR PHYSICIAN IMMEDIATELY.

CLOSE CONTAINER AFTER EACH USE!

KEEP OUT OF REACH OF CHILDREN!

DO NOT TAKE INTERNALLY!

For additional health and safety information refer to the Safety Data Sheet (SDS) available at www.hirshfields.com

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