

Product Overview

SLT is a water-borne, natural oil finish for semi-exposed architectural wood. This low V.O.C formula deeply penetrates wood, offering superior protection against water, mold, UV rays, and other environmental elements. It enhances wood's natural beauty while providing a durable, breathable, crack-resistant, and peel-proof finish. The application is easy, and cleanup requires only soap and water.

Important Note

Product Data Sheets are based on, "ideal" work conditions. Due to wood variability and varying environmental conditions, end-users should ensure that the application conditions, coating product system, and techniques are suitable for desired results.

Characteristics

- Appearance: **amber liquid**
- Odor: **slight ammonia**
- Form: **liquid**
- pH: **approx. 9.0**
- Viscosity: **14 CPS**
- VOC: **(less water) 58g/L**
- Freezing point: **1°C (31°F)**
- Diluent: **water**
- Cleanup: **soap & water**
- Finish: **0–5 units at 85°F**

Application

Use on: wood siding, log walls, log structures, timber framing, soffit, and sidewall shingles.

Application Methods

- Always flood the surface to saturation
- Dipping
- Brushing (use natural bristle brush)
- Roller (always back brush if applying with a roller)
- Flood coating
- Airless Spray: Pressure (2000 psi), Tip: .013–.015 (Always back brush for best results)
- HVLP Spray: Standard needle tip

Features

- Ecologically sensitive
- Penetrating formula for inside-out protection
- Low VOC
- Soap and water cleanup
- High natural oil content for wood stabilization, reducing warping, shrinking, and checking
- Non-flammable
- Available in clear, transparent, semi-transparent, and semi-solid colors
- Tinted formula provides additional UV protection
- Resists mold and mildew growth
- Maximum UV resistance for long-term maintainability
- Breathable finish repels water while allowing evaporation for long-term wood stability

Packaging

Quarts, Gallons, 5-Gallon Pails, and 50-Gallon Drum

Formulas

Broda SLT is available in pigmented and clear tint base formulas. Use the clear tint base to dilute color for maintenance coats. Apply SLT clear UV topcoat over pigmented color coats to enhance durability, create a fuller medium luster finish, and maximize color retention of pigmented coats.

Coating Schedule

1st coat: Tinted SLT

2nd coat: Tinted SLT

3rd coat: SLT CLEAR UV TOP COAT

Spread Rate / Coverage

- Smooth sanded wood: 250–400 sq.ft./gal.
- Rough wood: 150–300 sq.ft./gal.
- Coverage depends on wood species, texture, and porosity.

Drying Time

Temperature	Touch (hours)	Recoat (hours)
5°C (41°F)	8	48
12°C (53°F)	5	24
20°C (68°F)	2	12

- Air and surface temperature should not drop below 1°C for 48 hours post application.
- Longer drying time may be needed in high humidity or low temperatures.
- Avoid freezing.

Preparation

- Preparation is critical to a successful project.
- Inspect wood surfaces for defects and make necessary repairs.
- Use Broda Wood Wash and/or pressure washer for entire surface cleaning.
- Thoroughly sand smooth wood using 60–80 grit sandpaper and a variable speed orbital sander to promote deep penetration and uniform colour.
- Follow with power washing, vacuuming, or compressed air for proper cleaning. Ensure surfaces are clean, free from dust, dirt, grease, wax, or existing coatings.
- Test surface absorbency by applying water drops.
- If water doesn't penetrate, additional sanding or cleaning is needed.

Working Procedure

- Stir well before and during application.
- Test on an inconspicuous wood surface for proper color and penetration.
- Apply at ideal temperature (21°C/70°F) and around 50% relative humidity.
- Do not apply below 5°C or above 25°C.
- Avoid application if rain or freezing temperatures are expected.
- Saturate the wood surface for required coverage.
- Brush out puddles and runs, level the finish.
- Do not apply on warm-to-touch or directly sunlit wood.
- Follow drying times for subsequent coats.

Cleaning and Storage

- Clean application equipment with warm soapy water before the product dries.
- Shelf life of SLT clear tint base and SLT clear UV Topcoat is 2 years in ideal storage conditions between 10°C–30°C (50°F–86°F). Keep containers tightly closed and protect from freezing.
- Dispose according to local, provincial or federal requirements. If available, recycle at the local paint recycling depot.

Maintenance

Vertical surfaces require maintenance every 2–6 years, depending on wear signs such as fading, loss of luster, or erosion. Regular maintenance ensures long-lasting color retention, dimensional stabilization, and water repellency. Clean surfaces periodically with a power washer or Broda Wood Wash. If fading or erosion occurs, lightly clean the wood surface with a power washer or Broda Wood Bright and reapply one maintenance coat of Broda SLT per instructions.

Limited Warranty

The purchaser of this product manufactured by CBR Products (a division of Canadian Building Restoration Products Inc.) shall be entitled to the following, if the product herein is shown to be defective when applied following directions for use found on this label: The only obligation of the manufacturer and seller shall be to replace such quantity of CBR product that is proven to be defective. Proof of purchase is required. Seller or manufacturer shall not be liable for any loss or damage connected with the use and/or handling of this product. All labor costs are specifically excluded. Buyer assumes all risk of use and/or handling of this material. No other warranties are made, expressed or implied, including, without limitation, warranties as to the merchantability or fitness for any particular purpose. This limited warranty may not be modified or extended by manufacturer's representatives, distributors or dealers of CBR Products' products.

Warning to Users

Keep out of reach of children, if swallowed immediately drink two glasses of milk or warm water. Do not induce vomiting. Call physician immediately. Avoid contact with skin or eyes; flush with soap and water. Avoid breathing of vapor or mist. Wear a properly fitted NIOSH/MSHA approved respirator. The information contained in this document is given in good faith based on our current knowledge. The use of the product is beyond the control of CBR Products and no guarantees, expressed or implied, is made as to the result to be obtained if not used in accordance with the published Directions for Use. CBR Products does not assume any legal responsibility for use or reliance on same. This information must on no account be used as a substitute for necessary field tests, which alone can ensure that the product is suitable for the expected use. Before using any product, read its label.