

## TECHNICAL DATA SHEET

## SIK77000

### SIKKENS<sup>®</sup> CETOL<sup>®</sup> Waterborne SRD Translucent Wood Finish

SIKKENS<sup>®</sup> CETOL<sup>®</sup> Waterborne SRD is a one-coat, waterborne translucent exterior wood finish for use on a variety of wood surfaces. The hybrid formula is designed to give the advantages of both an alkyd and acrylic. CETOL Waterborne SRD contains an optimal amount of translucent iron oxide pigments and UV light stabilizers. For use with SIKKENS CETOL Waterborne SRD pigments only. This unique waterborne formulation is another example of the advancements central to the SIKKENS Next Wave Technology.

#### FEATURES & BENEFITS

<ul style="list-style-type: none"> <li>For use on Wood Siding, Rails, Decks, Shakes and Shingles, Outdoor Furniture, Fences, Docks and Logs</li> </ul>	<ul style="list-style-type: none"> <li>High quality translucent iron oxide pigments offer excellent UV protection and wood clarity</li> </ul>
<ul style="list-style-type: none"> <li>Suitable for use on exterior hardwoods</li> </ul>	<ul style="list-style-type: none"> <li>Available in eight colors</li> </ul>
<ul style="list-style-type: none"> <li>One coat application is easy to use and clean up</li> </ul>	<ul style="list-style-type: none"> <li>Provides superior wood surface penetration, color retention and adhesion</li> </ul>

#### TECHNICAL DATA

#### TEST METHOD

<b>Type:</b>	One component Acrylic Alkyd	
<b>Description &amp; Color</b>	Clear	
<b>Solids Content:</b>	By volume 19% - By Weight 22%	<i>ASTM D 1644 method A</i>
<b>Density:</b>	8.7 lbs/gallon (1.04 kg/L)	<i>ASTM 1475</i>
<b>Viscosity:</b>	65 - 75 KU	
<b>Flash Point:</b>	None	<i>ASTM D 3278-96</i>
<b>Coverage:</b>	300-400 sq.ft/gallon on smooth wood 150-200 sq.ft/gallon on rough wood	
<b>VOC:</b>	Does not exceed 150 g/L	<i>ASTM D 3269-96</i>
<b>Dry Time:</b>	2 - 4 hours to touch and 24 hours to light foot traffic (under favorable drying conditions)	
<b>Resistance to Chemicals:</b>	Very good resistance to water & common household chemicals/cleaners	
<b>Storage Life:</b>	5 years, unopened stored away from excessive heat/sunlight	
<b>Clean-Up</b>	Water	

**WARNING! HARMFUL OR FATAL IF SWALLOWED.**

Read Label and Material Safety Data Sheet Prior to Use. See other cautions on last page. DSF8-1100

## GENERAL SURFACE PREPARATION

All surfaces must be sound, dry, clean and porous, free of oil, grease, dirt, rust, mildew, pre-existing finishes and other foreign substances, contaminants and natural extractives.

## NEW, WEATHERED AND UNCOATED WOOD SURFACES

- New pressure-treated lumber requires a six-week drying period prior to application.
- Water repellent treated lumber requires one year of weathering prior to application.
- New rough sawn wood less than four weeks old should be dry brushed using a brush with stiff bristles to remove loose dirt and fibers.
- If no debris is still present, new rough sawn wood will not require any further cleaning.
- Spray all other wood surfaces with clean water, completely wetting the wood.
- Generously apply a cleaning solution of four (4) ounces of 100% powdered Tri-Sodium Phosphate (TSP) or phosphate-free substitute with one (1) quart of liquid bleach and three (3) quarts of water to the wood surface with a garden pump sprayer or a heavy nap roller cover.
- Let the solution dwell on the wood for 15 - 20 minutes as you scrub the surface with a hard bristle brush to help remove mill glaze and/or weathering.
- Do not allow solution to dry on the wood surface
- Power wash cleaning solution from the wood with plenty of clean fresh water using 500-800 psi with the nozzle 8-12 inches from the surface for full effectiveness of the cleaning and to prevent any damage to the wood.
- Weathered gray wood, wood affected with blue fungi or rust from nails may be treated, after cleaning with the TSP solution, by applying a solution of four (4) ounces of oxalic acid crystals in a gallon of warm water.
- This solution should be allowed to sit on the affected area for 15 - 20 minutes before the final rinse with a power washer.
- Do not let the solution to dry on the wood surface
- Allow the surface dry for 48 hours before applying coating.
- Moisture content of wood must be lower than 20%.
- Scuff sand any glossy patches with 80 - 120 grit sandpaper for vertical wood surfaces and 60 - 80 grit sandpaper for horizontal surfaces after cleaning.
- For optimal performance and appearance on new cedar decks, mechanically sand with 60 - 80 grit sandpaper.
- Always sand in the direction of the wood grain.
- Remove sanding dust.
- CETOL WB SRD should be applied within one week of preparation for horizontal surfaces (decks) and within four weeks for vertical surfaces (siding).
- For vertical surface applications, fill all joints, cracks and nail holes with a high quality polyurethane or acrylic caulk/filler and let cure prior to applying the CETOL WB SRD.
- Refer to caulk/filler manufacturer for proper application.
- For application on exotic hardwood, wipe the surface with acetone immediately prior to application.

## PREVIOUSLY COATED SURFACES

- Previous coatings must be removed prior to the application of CETOL WB SRD.
- Wood must be to the point of absorbing water for stain to penetrate properly.
- For chemical removal recommendation call 1-866-SIKKENS.

**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 an 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](http://www.epa.gov/lead).**

## TINTING

Tint ONLY with SIKKENS CETOL Waterborne SRD Pigments specifically developed for the Cetol® WB SRD base.

1. Shake vigorously and pour the appropriate sized pigment container into the appropriate sized Cetol® WB SRD base.
  2. Secure base container lid.
  3. Shake 3 minutes.
  4. Apply peel-off label from pigment container and place on the lid of Cetol® WB SRD base.
- It is always recommended to perform a one (1) coat color and sheen test on a sample of the wood. Color can vary with application, porosity and type of wood.
  - Intermix batches to ensure color consistency.

**DISPOSAL of PIGMENT CONTAINER:** Contains no chromium, lead or mercury. Place opened, empty containers in normal refuse for disposal.

## SPREADING RATE:

- Apply at 300-400 sq ft/gal (7.4-9.8 m<sup>2</sup>/L) on smooth wood or 150-200 sq ft/gal (3.7-6.1 m<sup>2</sup>/L) on rough wood.
- Spread rate may vary depending on surface condition and wood porosity.

## APPLICATION

- Apply one (1) coat of CETOL WB SRD to properly prepared surfaces.
- Saturate all end grains, nail holes, cavities, and cracks in the wood.
- Brush on a liberal coat and maintain a wet edge to prevent lap marks.
- Brush in the direction of the wood grain starting at one end of the wood and continuing to the other end.
- On vertical surfaces CETOL WB SRD should be applied from the top down.
- Do not use CETOL WB SRD as a primer for other SIKKENS products.
- Follow recommended maintenance procedures and schedule.

## APPLICATION Con't

Siding, Rails, Decks, Shakes, Shingles, Outdoor Furniture, Fences, Docks:

- If possible, back-prime the wood with one (1) coat. Do not apply a second coat on horizontal surfaces (decks, docks, etc.).

Green, Wet, or Pre-Treated Logs:

- These types of log have moisture content greater than 18%.
- Therefore, it is recommended to apply SIKKENS Log Pre Treatment and allow a six (6) month drying period.

Kiln-dried or Air Dried Logs:

- Normal moisture content of this type of log is 18%.
- Moisture content in the logs cannot be higher than 20% when applying this product.
- If the moisture content of the logs is unknown, follow the application procedure for green, wet or treated logs.

Application over Borate Treatments:

- Do not apply any SIKKENS CETOL system over a fresh, borate-treated wood surface.
- Allow the borates to diffuse into the wood cells by allowing a six (6) month exposure time before application of any CETOL system.
- To prevent borates from leaching out of the exterior surface, we recommend the application of SIKKENS Log Pre-Treatment over the borate treatment.
- Before the application of SIKKENS Log Pre-Treatment, allow the borate treatment to dry for three (3) good, sunny days.
- Just prior to the application of the appropriate CETOL system, the log surface must be cleaned thoroughly according to the SIKKENS preparation procedures.
- When borate treatments are applied, it is always advised to follow the manufacturer's recommendations.

## MAINTENANCE PROCEDURES AND SCHEDULE

- Proper maintenance starts with visual inspection.
- Weathering, exposure conditions, altitude and applications can vary and maintenance should be performed when visually necessary.
- Before application of a maintenance coat, prepare the surface using the previously mentioned cleaning solution.
- Let the surface dry for 48 hours after power washing.
- Apply one (1) coat of CETOL WB SRD.
- Areas that have minimum wear should be coated lightly.
- Hardwood surfaces may require more frequent maintenance.

## DRYING TIME

- At 68° F (20° C) and 65% R.H. dries to touch in 2-4 hours.
- May be walked on after 24 hours.
- Lower temperature or high humidity will increase this time.
- During application, moisture content of wood substrate should not exceed 20%.
- Do not apply when rain, dew, or frost are forecast within five (5) hours of application.

## CLEAN-UP

- Clean hands and tools immediately with warm, soapy water.
- Clean spills right away with a damp cloth.

## PRECAUTIONS

**WARNING! HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD - CAN ENTER LUNGS AND CAUSE DAMAGE. HARMFUL IF INHALED. MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DIZZINESS, HEADACHE OR NAUSEA. CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. OVEREXPOSURE MAY CAUSE KIDNEY DAMAGE. POTENTIAL CANCER HAZARD. CONTAINS FORMALDEHYDE WHICH HAS BEEN SHOWN TO CAUSE UPPER RESPIRATORY TRACT CANCER AND ALLERGIC RESPIRATORY REACTION. MAY CAUSE ALLERGIC SKIN REACTION. MAY BE HARMFUL IF SWALLOWED OR ABSORBED THROUGH SKIN. OVEREXPOSURE MAY CAUSE KIDNEY DAMAGE. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN. This product contains a chemical known to the state of California to cause cancer.** For emergency information call (800) 545-2643. For additional safety information, refer to the Material Safety Data Sheet for this product. If sanding, wear a dust mask to avoid breathing of sanding dust. Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. Avoid contact with eyes and skin. If you experience eye watering, headaches, or dizziness, leave the area. If properly used, a respirator may offer additional protection. Obtain professional advice before using. Close container after each use. **FIRST AID:** For skin contact, wash thoroughly with soap and water. If any product remains, gently rub with petroleum jelly, vegetable or mineral/baby oil then wash again with soap and water. Repeat as needed. Remove contaminated clothing. For eye contact, flush immediately with plenty of water for at least 15 minutes. **Get medical attention.** If swallowed, **get medical attention immediately.** If inhalation causes discomfort, remove to fresh air. If discomfort persists or breathing difficulty occurs, get medical attention. **KEEP FROM FREEZING.**

DS469-0510

## SHIPPING

FREIGHT CLASSIFICATION:  
Paint, Protect from Freezing

PACKAGING:  
1 gallon (3.785 L)  
5 gallon (18.925 L)

FLASH POINT:  
None

**DISCLAIMER:** Our information is based on laboratory tests and is considered a guide in connection with choice of product and working method. As your working conditions are beyond our control, we do not assume any responsibility for the results. Our responsibility exclusively covers personal injury and damage to property, which actually have been proved subsequent to faults and defects in one of the products manufactured by us. Date 01/10

