



**100% ACRYLIC**  
**WOOD-TECH™**  
**CLEAR GLOSS**  
**WOOD & DECK SEALER**

**PRODUCT DATA**  
**#5695**

**10/14/10**  
*superseding: 06/20/10*

**PRODUCT DESCRIPTION:**

**WOOD-TECH™** is a clear gloss 100% acrylic wood and deck sealer. It effectively penetrates, seals, waterproofs and protects wood, resisting moisture penetration, and subsequent rotting and decay. It is a high technology waterborne formulation that retards the aging process (silvering) of new, unexposed fresh wood. It has excellent mildew resistance and possesses ultraviolet resisting chemicals that slow down the damaging effects of the sun's U.V. rays. It protects and beautifies wood surfaces for up to 5 years depending on atmospheric conditions and geographic region. Longevity and wear is relative to the amount of foot traffic to which the product is subjected. Periodic recoating of high traffic areas may be necessary. The ultimate combination of acrylic resin and additives form a wood finish that is soft enough to expand and contract with porous wood, yet is durable and hard enough to accommodate deck traffic. When coating begins to wear with age, prepare the surface (see surface preparation), and re-coat. **WOOD-TECH™** is also available in a colored, Semi-Transparent Wood and Deck Sealer, Product #:5660, and a full color wood and deck sealer, product #5675.

**PRODUCT USES:**

**WOOD-TECH™** can be used on interior or exterior uncoated wood such as cedar, pine, fir, redwood, etc., and well weathered previously stained wood surfaces using proper preparation. **WOOD-TECH™** possesses excellent adhesion and can be used over other paints, stains and coatings once compatibility has been determined by testing an area and checking after 72 hours for adhesion and compatibility. **WOOD-TECH™** is designed for use on structural lumber, wood siding, shingles, fences, doors, frames, sash, trellises, decks, pool decks, docks and spas.

**SURFACE PREPARATION:**

For proper adhesion and penetration it is essential that the surface is prepared properly. Smooth new wood should be lightly sanded with 80 to 100 grit sandpaper to remove mill glaze. Pressure wash all other wood with a water and chlorine solution using at least 1500 P.S.I. to remove any previous coatings, mildew, dirt, grease, grime, and other foreign materials. If wood is weathered and has remained dark or silver gray after pressure washing, apply a solution of 1 part chlorine and 2 parts water and scrub with a stiff brush. Pressure wash again. Pressure treated wood must be weathered, dried and aged a minimum of 6 months before coating. All surfaces must be completely dry before applying **WOOD-TECH™**. Do not coat soaked, wet or moist wood with this product!

**APPLICATION PROCEDURE:**

Stir well before using. Do not apply when temperatures are below 45 degrees Fahrenheit, or when humidity is very high. Do not apply to extremely hot surfaces. The surface must be dry and free of all moisture. Do not apply when sealer will be subjected to rain or heavy dew before it has had enough time to dry (approximately 1 to 2 hours). Drying time will vary from location to location depending on weather conditions.

Stir product occasionally during use. Apply using brush, roller or spray. Do not apply too heavily so that puddling occurs. When spraying, back roll with a thin nap roller cover. When rolling, use a thin nap roller cover. Sets to touch in approximately 1 hour, and dries in approximately 1 to 2 hours. Wait at least 2 hours before recoating. Two coats of **WOOD-TECH™** are recommended. Coating will appear to be blue, but will clear out as it dries. Do not thin this product; apply as it is from the container.

**Sprayers:**

Pump up stain sprayers can be used. Airless Sprayers may be too powerful, adjust pressure and other settings to spray a uniform amount of product without making runs, back roll with a thin nap roller cover.

**CLEAN UP:**

Clean up all spills, tools and overspray immediately while the coating is still wet with warm soapy water.

**GLOSS CHARACTERISTICS:**

For increased gloss, multiple coats can be applied, but sealer will also be more sensitive to blushing with increased film buildup. ASTM D523 (Standard Test Method for Specular Gloss) Gloss will be 70-80 degrees when applied to a non-porous substrate and when applied over a latex roof coating it will be 50-70 degrees.

**WOOD-TECH™ MAINTENANCE:**

For continued protection, recoat surface using **WOOD-TECH™** approximately every 3 to 5 years, or when desired gloss is no longer present.

**NOTE: Blushing, whitening and/or hazing may occur if (1) surface is not completely dry and free of all moisture, (2) product is applied to extremely hot surfaces or (3) product puddles or is applied too thick.**

Wood

Ambient Temperature of 77°F and RH of 50%

**TECHNICAL SPECIFICATIONS:**

Rates & Times May Vary Beyond Specifications

FINISH:	Gloss	SPREAD RATE:	250 to 350 sq.ft./gal.
COLOR:	Clear	DRY to TOUCH:	1 Hour
VEHICLE TYPE:	Copolymer Emulsion	RECOAT:	4 to 6 Hours
SOLIDS by WEIGHT:	24% +/- 2%	CURE TIME:	5 to 7 Days
SOLIDS by VOLUME:	19% +/- 2%	SIZES:	1 Gal., 5 Gal., 55 Gal.
V.O.C.'s (averages):	.49 lbs./gal. • 50.0 g/liter	GALLON WEIGHT:	8.8 lbs. +/- .3 lbs.

Information presented on this Data Sheet has been compiled from sources to be reliable, and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so.

In Any Event Nationwide Protective Coating Manufacturers, Inc. will not be liable or responsible for any past, present or future leaks or any resulting consequential or incidental damages.



# MATERIALS HEALTH, SAFETY AND ENVIRONMENTAL DATA SHEET

**MSDS#:  
5695**

<b>Product Identification</b>	Product Name: <b>WOOD-TECH™</b> Product Code #: <b>5695</b> General Usage: Clear Gloss Wood & Deck Sealer General Description: Non-Pigmented Latex Coating C.A.S. Number: None Established; Mixture	
<b>Manufacturer Information</b>	Manufacturer's Name: Nationwide Protective Coating Mfrs., Inc. Address: 7106 24th Court East; Sarasota, FL 34243-3993 Emergency Telephone: 1-800-423-7264 or 941-753-7500 Information: 1-800-423-7264 or 941-753-7500 Web Site: www.nationwidecoatings.com E-Mail: info@natcoat.net Date Effective: January 1 <sup>st</sup> , 2005	
<b>Chemical and Physical Properties</b>	Color: Milky Clear Physical State: Liquid Boiling Point: 212 Fahrenheit Specific Gravity (H <sub>2</sub> O=1): >1 Vapor Presence: about same as H <sub>2</sub> O Percent Volatile: 68-73% Evaporation Rate (Butyl Acetate=1): <1	Odor: Pungent Odor Odor Threshold: Unknown Melting Point: N/A Freezing Point: 32 Fahrenheit Solubility in H <sub>2</sub> O: Soluble pH (undiluted): 7.5 to 8 Vapor Density (Air=1): <1
<b>Fire Protection Information</b>	Decomposition/Combustion: N/A Flash Point: N/A; Does Not Burn Recommended Extinguishing Media: N/A Flammable Limits: N/A	
<b>Storage and Reactivity</b>	Hazardous Polymerization: Will Not Occur Storage Conditions: Keep from Freezing Toxic Products Which May Form: None	
<b>Transportation</b>	Hazard Classes: None; Not Hazardous Hazard Labels: Not Required Hazard Determination: MSD Sheet Shipping Containers: Varies Shipping Class: Class 55; Water Based Paint	
<b>Container Labeling</b>	Explanation of Unique Labeling System: None Used	

<b>Health Hazard Data</b>	<b>SHORT TERM EXPOSURE</b>	
	Route of Entry: Inhalation: Skin:  Eyes:  Ingestion:	Precautionary Treatment Expected None Expected None  Flush Immediately with large amounts of water for at least 15 minutes, holding eyelids open. Call a physician if irritation persists  Call a physician if significant amounts have been Swallowed. Give patient large amounts of water or milk for dilution.
	<b>LONG TERM EXPOSURE</b>	
	Carcinogen: Target Organ Effects: Other Health Hazards:	None None None Known
<b>Personal Protection</b>	Respiratory Protection: Protective Clothing: Ventilation: Other Protective Measures: Eye Protection:	No inhalation hazard expected None Required Local None Safety Glasses
<b>Spill or Leak Protection</b>	Accidental Release or Spill:  Neutralizing Chemical/Media:	Collect liquid or solidify with absorbent package for disposal  N/A
<b>Treatability</b>	Biodegradability: With water prior to cure. Influence on Biological Wastewater Treatment: None Other Impacts on Wastewater Treatment: None Recommended Wastewater Treatment: Dilutable Constituents Interfering With or Not Amenable to Biological or Wastewater Treatment: None	
<b>Recommended Waste Disposal</b>	Dispose of in accordance with Federal, State and Local guidelines.	