



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

PRODUCT DATA
#5695

08/02/23
superseding: 10/14/10

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 pigments 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 are 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. Pressure wash all 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. All wood should be lightly sanded with 80 to 100 grit sandpaper. Additional sanding may be required on new wood to remove mill glaze. 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 milky, but will clear out as it dries. Do not thin this product; apply as it is from the container.

Wait at least 24 hours for foot traffic and at least 72 hours before placing any furniture on the coated surface.

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.

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:	200 to 350 sq.ft./gal.
COLOR:	Clear	DRY to TOUCH:	1 Hour
VEHICLE TYPE:	Copolymer Emulsion	RECOAT:	1 to 2 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**

Product Identification	Product Name: WOOD-TECH™ Product Code #: 5695 General Usage: Clear Gloss Wood & Deck Sealer General Description: Non-Pigmented Latex Coating C.A.S. Number: None Established; Mixture	
Manufacturer Information	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 st , 2005	
Chemical and Physical Properties	Color: Milky Clear Physical State: Liquid Boiling Point: 212 Fahrenheit Specific Gravity (H ₂ O=1): >1 Vapor Presence: about same as H ₂ 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 ₂ O: Soluble pH (undiluted): 7.5 to 8 Vapor Density (Air=1): <1
Fire Protection Information	Decomposition/Combustion: Flash Point: Recommended Extinguishing Media: Flammable Limits:	N/A N/A; Does Not Burn N/A N/A
Storage and Reactivity	Hazardous Polymerization: Storage Conditions: Toxic Products Which May Form:	Will Not Occur Keep from Freezing None
Transportation	Hazard Classes: Hazard Labels: Hazard Determination: Shipping Containers: Shipping Class:	None; Not Hazardous Not Required MSD Sheet Varies Class 55; Water Based Paint
Container Labeling	Explanation of Unique Labeling System: None Used	

Health Hazard Data	SHORT TERM EXPOSURE	
	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.
	LONG TERM EXPOSURE	
	Carcinogen: Target Organ Effects: Other Health Hazards:	None None None Known
Personal Protection	Respiratory Protection: Protective Clothing: Ventilation: Other Protective Measures: Eye Protection:	No inhalation hazard expected None Required Local None Safety Glasses
Spill or Leak Protection	Accidental Release or Spill: Neutralizing Chemical/Media:	Collect liquid or solidify with absorbent package for disposal N/A
Treatability	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	
Recommended Waste Disposal	Dispose of in accordance with Federal, State and Local guidelines.	