



100% ACRYLIC
WOOD-TECH™
SEMI-TRANSPARENT
WOOD & DECK STAIN SEALER

PRODUCT DATA
#5660

07/20/10
superseding: 03/26/10

PRODUCT DESCRIPTION:

WOOD-TECH™ is a semi-transparent colored, penetrating, 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™** also is available in a Clear Gloss Wood and Deck Sealer, Product #:5695.

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 product before using and occasionally stir while using product. Do not thin this product. Do not apply in direct sunlight, or when temperatures are below 45 degrees Fahrenheit, or when humidity is very high. Do not apply when coating will be subjected to rain or heavy dew before it has had enough time to dry (approx. 1 to 2 hours). Drying time will vary depending on location and weather conditions. Apply using brush, roller, or pump sprayer. Spread liberally enough as to penetrate wood checks and cracks while feathering excess puddles and runs before coating has dried. Sets to touch in approx. 1 hour and dries in approx. 2 to 4 hours. Wait at least 4 hours before recoating. Two coats of **WOOD-TECH™** are recommended. For maximum durability, increased gloss, and darkening of color, a third coat can be applied.

CLEAN UP:

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

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:	(See Wood Color Chart)	DRY to TOUCH:	1 Hour
VEHICLE TYPE:	Copolymer Emulsion	RECOAT:	4 to 6 Hours
SOLIDS by WEIGHT:	22% +/- 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. • 59.0 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 Chemical 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#:
5660**

Product Identification	Product Name: WOOD-TECH™ Product Code #: 5660 General Usage: Semi Transparent Wood & Deck Sealer General Description: Pigmented Latex Coating C.A.S. Number: None Established; Mixture	
Manufacturer Information	Manufacturer's Name: Nationwide Chemical 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: Pigmented Matte Sheen 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: N/A Flash Point: N/A; Does Not Burn Recommended Extinguishing Media: N/A Flammable Limits: N/A	
Storage and Reactivity	Hazardous Polymerization: Will Not Occur Storage Conditions: Keep from Freezing Toxic Products Which May Form: None	
Transportation	Hazard Classes: None; Not Hazardous Hazard Labels: Not Required Hazard Determination: MSD Sheet Shipping Containers: Varies Shipping Class: 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: None Target Organ Effects: None Other Health Hazards: 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.	

EMERGENCY & INFO: 1-800-423-7264

Form based on O.S.H.A. Form 20. Information presented herein has been compiled from sources to be reliable and is accurate and reliable to be the best of our knowledge and belief but is not guaranteed to be so.

EMERGENCY & INFO: 941-753-7500