



# ENDURA™

## Ultra Premium Water-Based Urethane Wood Finish

### DESCRIPTION

Superior resistance to wear, scuffing, black marking, and soil. Single component formula simplifies application and means no mixing and no pot life, yet rivals 2-part finish systems for overall performance! VOC compliant. Reduces down time associated with traditional solvent-based wood floor products; floors are ready for foot traffic in 24 hours. Designed for all types of wood floors; dries crystal clear.

### PRODUCT FEATURES / BENEFITS

- Superior resistance to wear, scuffing
- Requires no mixing
- Black Heel Mark Resistant
- VOC Compliant
- Dries Crystal Clear
- Reduces wood floor down time

### DIRECTIONS FOR USE

Apply ENDURA™ Wood Floor Finish using a T-bar and approved wood floor application pad. ENDURA™ is ready for application—it requires no mixing. Do not apply this product to bare, unsealed wood floors. Read all label instructions prior to applying this product.

#### FINISH APPLICATION PROCEDURES:

Mix ENDURA™ before initial use by rolling the container gently on the floor. Avoid creating foam in the container. Allow foam to dissipate before beginning application. Apply at a rate of 700-800 square feet per gallon. Apply ENDURA™ using a T-bar applicator with new, clean applicator pad in a thin, even coat going with the grain of the wood. Adequate ventilation must be maintained for coating and drying.

1. Ensure the floor surface is properly prepared for finish application. The floor surface should be clean, dry and free of any dust.
2. Pour a 4" wide line of ENDURA™ along the starting wall.
3. Holding the applicator at a snow plow angle (45°), walk at a slow, even pace maintaining a wet edge at all times and moving the finish to the opposite wall. Overlap passes by 3" to 4". Walking too fast can produce foaming in the finish and result in air bubbles trapped in the finish.
4. At the end of each run, turn the applicator toward you and pad out the applicator parallel to the wet edge. Feather out all turns; if pushed too hard or too fast, drips will fly off the applicator. Missed areas can be touched up if seen right away.
5. Allow the finish to dry thoroughly, at least 2 hours (longer in humid conditions).
6. Additional coats of ENDURA™ can be applied in a window of 2 - 12 hours. After 12 hours follow ROUGHING PROCEDURES to ensure proper adhesion between coats.

#### ROUGHING PROCEDURES:

If additional coats of ENDURA™ are to be applied 12 hours or more after the previous application, roughing the floor surface will ensure proper adhesion between coats.

#### DRY PROCESS

1. Roughen floor surface using a 175 rpm swing machine with a maroon floor pad or 120 grit screen. Use overlapping passes until floor surface is roughened evenly.
2. Vacuum all surfaces thoroughly to remove dust in and around the work area.
3. Tack the floor surface using FAST BREAK™ Routine Wood Cleaner following the Routine Cleaning / Tacking instructions on the FAST BREAK™ product label.
4. Follow FINISH APPLICATION PROCEDURES.

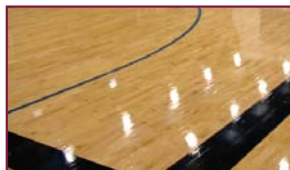
#### WET PROCESS

1. Roughen the floor surface using PIVOT™ Intensive Prep Wood Cleaner following the Wet Screening instructions on the PIVOT™ product label.
2. Tack the floor surface using FAST BREAK™ Routine Wood Cleaner following the Routine Cleaning / Tacking instructions on the FAST BREAK™ product label.
3. Follow FINISH APPLICATION PROCEDURES.

#### SCRUBBING & RECOATING:

As the floor surfaces ages, it become dirty and scuffed. It can benefit from a good cleaning and application of a fresh coat of ENDURA™.

1. Dust mop floor surface. Remove chewing gum and other sticky materials with a putty knife.
2. Clean floor surface thoroughly with PIVOT™ Intensive Prep Wood Cleaner following the Deep Cleaning prior to Recoating instructions on the PIVOT™



- product label.
3. Follow ROUGHING PROCEDURES and FINISH APPLICATION PROCEDURES.  
NOTE: Floors that have been previously coated should be tested in an inconspicuous area before recoating to determine compatibility of ENDURA™ with the existing finish.

#### DAILY MAINTENANCE:

Keeping wood floor surfaces clean, free of dust and dirt is essential to cleanliness and proper surface maintenance.

1. Dust mop wood floors a minimum of once per day (more often if required), using dust mops treated with MID-COURT™ Water-Based Dust Mop Treatment.
2. Spot clean spills, salt residue, etc. with FAST BREAK™ Wood Cleaner & Maintainer. Follow the Spot cleaning with towels instructions on the FAST BREAK™ label.

#### ROUTINE MAINTENANCE:

1. Clean the floor surface routinely with FAST BREAK™ Routine Wood Cleaner following the Routine Cleaning / Tacking instructions on the FAST BREAK™ product label.

#### INTERIM MAINTENANCE:

1. Autoscrub the floor surface using FAST BREAK™ Routine Wood Cleaner following the Interim Cleaning Process instructions on the FAST BREAK™ product label.

### SPECIFICATIONS

Type.....	Polyurethane
Total Solids (%).....	30.0 ± 1.0
pH.....	8.0 ± 0.5
Coverage (sq. ft./gal).....	600-800
Drying Time (minutes) .....	60
Color .....	White, opaque liquid
Odor.....	Mild Characteristic
Film Appearance.....	Crystal Clear
Specific Gravity (g/cc).....	1.04 ± 0.01
VOC content (g/l).....	270
MFMA Approved .....	Yes
Slip Resistant (UL Certified) .....	Yes
Shelf Life.....	1 year minimum in original unopened container

### SAFETY INFORMATION

**WARNING:** SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. KEEP OUT OF REACH OF CHILDREN.



#### Precautionary statement

**Prevention:** Do not breathe the mist or vapor. Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** Wash thoroughly after handling. If exposed or concerned: Get medical advice/attention.

**Storage:** Store away from incompatible materials.

**Disposal:** Dispose of contents/container in accordance with local authority requirements.

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

#### Additional safety measures:

Read the entire label and SDS before using this product, and for additional first-aid measures. SDS for this product is available on the web at [www.nclonline.com](http://www.nclonline.com)

KEEP FROM FREEZING

For Commercial and Industrial Use Only

**CLASSIFIED** Floor Coating and Finishing Material  
As to Slip Resistance Only  
18EL



World Class Cleaning Solutions®

401 N. 10th Street • Philadelphia, PA 19123  
1-800-NAT-CHEM • 215-922-1200 • FAX: 215-922-5517  
[www.nclonline.com](http://www.nclonline.com) • e-mail: [info@nclonline.com](mailto:info@nclonline.com)


## SAFETY DATA SHEET

### Section 1 - Identification

Product Identifier	ENDURA™ Ultra Premium Water-Based Urethane Wood Finish
Other means of identification	1600
Recommended use	Wood floor finish.
Recommended restrictions	For commercial and industrial use only.
<b>Manufacturer / Importer / Supplier / Distributor Information</b>	
Company Name	National Chemical Laboratories of PA, Inc.
Address	401 N. 10th Street - Philadelphia, PA 19123
Telephone	1 (215) 922-1200
Supplier Email	info@nclonline.com
Contact	CHEM-TEL
Emergency Phone	1 (800) 255-3924

### Section 2 - Hazard(s) Identification

SDS Hazards and Warnings are based on the undiluted product. Refer to diluted SDS for Ready-To-Use Hazards and Warnings.

	Classification	Category
Physical Hazards	Not Classified	
Health Hazards	Reproductive toxicity (the unborn child)	1B
OSHA defined hazards	Not Classified.	
Label Elements		
Hazard Symbol		
Signal Word		
Hazard Statement		
Precautionary statement		

Signal Word	Warning
Hazard Statement	Suspected of damaging fertility or the unborn child.
Precautionary statement	
Prevention	Do not breathe mist or vapor. Wear protective gloves/protective clothing/eye protection/face protection.
Response	Wash thoroughly after handling. If exposed or concerned: Get medical advice/attention.
Storage	Store away from incompatible materials.
Disposal	Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise classified (HNOC)	None known.

### Section 3 - Composition/Information on ingredients

Mixture			
Hazardous Components	Ingredient Name	CAS #	%
	1-ethyl-2-Pyrrolidinone	2687-91-4	1 - 5
	Dipropylene Glycol Monomethyl Ether	34590-94-8	1 - 5
	n-Methyl Pyrrolidone	872-50-4	1 - 5

### Section 4 - First-aid Measures

Inhalation	Move to fresh air. Get medical attention if irritation persists.
Skin contact	Wash off with soap and water. Get medical attention if irritation persists.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.
Ingestion	Rinse mouth. Get medical attention if irritation persists.
Most Important symptoms /effects, acute and delayed	May cause eye irritation on direct contact.
Indication of immediate medical attention and special treatment	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General Information	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

# SAFETY DATA SHEET

## Section 5 - Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment /instructions</b>	Move containers from fire area if you can do it without risk.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.
<b>Specific Methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.

## Section 6 - Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures.</b>	Isolate area. Keep unnecessary personnel away. Use personal protection as recommended in Section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	SMALL SPILLAGE: Absorb spillage with suitable absorbent material. LARGE SPILLS: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. After removal flush contaminated area thoroughly with water.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

## Section 7 - Handling and storage

<b>Precautions for safe handling</b>	Avoid contact with eyes, skin, and clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Pregnant or breast-feeding women must not handle this product.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## Section 8 - Exposure control/personal protection

### Occupational exposure limits

#### US. Workplace environmental Exposure Level (WEEL) Guides

Component	Type	Value
n-Methyl Pyrrolidone (CAS 872-50-4)	TWA	40 mg/m <sup>3</sup> , 10 ppm

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)	TWA	600 mg/m <sup>3</sup> , 100ppm

#### US. ACGIH Threshold Limit Values

Component	Type	Value
Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)	STEL	150 ppm
Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)	TWA	100 ppm

#### US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)	TWA	600 mg/m <sup>3</sup> , 100 ppm
Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)	STEL	900 mg/m <sup>3</sup> , 150 ppm

#### US. ACGIH. BEIs. Biological Exposure Indices

Components	Value	Determinate	Specimen	Sampling Time
n-Methyl Pyrrolidone (CAS 872-50-4)	100 mg/l	5-Hydroxy-N-methyl-2-pyrrolidone	Urine	*

\* - For sampling details, please see the source document.

<b>Exposure guidelines</b>	Use personal protective equipment as required. Keep working clothes separately.
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#### US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants

Components	Exposure
Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)	Can be absorbed through the skin.

#### US.NIOSH: Pocket Guide to Chemical Hazards

Component	Exposure
Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)	Can be absorbed through the skin.

#### US.OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.100)

Components	Exposure
Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)	Can be absorbed through the skin.

#### US.Tennessee. OELs Occupational Exposure Limkits, Table Z1A

Components	Exposure
Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)	Can be absorbed through the skin.

#### US.ACGIH Threshold Limit Values. Skin designation

# SAFETY DATA SHEET

## US ACGIH Threshold Limit values: Skin designation

Component	Exposure
Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)	Can be absorbed through the skin.

## US WEEL Guides: Skin designation

Components	Exposure
n-Methyl Pyrrolidone (CAS 872-50-4)	Can be absorbed through the skin.

**Appropriate engineering controls** Minimize the risk of inhalation of vapors and mists. Provide adequate ventilation or exhaust to maintain air concentrations below recommended exposure limits. Provide easy access to water supply and eye wash facilities.

## Individual protection measures, such as personal protective equipment

<b>Eye/face protection</b>	Wear safety glasses. If splash potential exists, wear full face shield or chemical goggles.
<b>Skin protection</b>	
<b>Hand protection</b>	Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.
<b>Other</b>	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.
<b>Respiratory protection</b>	Chemical respirator with organic vapor cartridge if the recommended exposure limit is exceeded.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## Section 9 - Physical and chemical properties

<b>Appearance</b>	Thin, opaque liquid.
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	White.
<b>Odor</b>	Mild. Characteristic.
<b>Odor threshold</b>	Not available.
<b>pH</b>	7.8
<b>Melting point/freezing point</b>	Not relevant.
<b>Initial boiling point and boiling range</b>	212 °F (100 °C)
<b>Flash point</b>	None to boiling.
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Similar to water.
<b>Vapor density</b>	Similar to water.
<b>Relative density</b>	1.04 ± 0.01
<b>Relative density temperature</b>	75 °F (23.89 °C)
<b>Solubilities</b>	Soluble
<b>Partition Coefficient n-octanol/water</b>	Not available
<b>Auto-ignition temperature</b>	Not Available
<b>Decomposition temperature</b>	Not Available
<b>Viscosity</b>	<20 cSt
<b>Viscosity Temperature</b>	75 °F (23.89 °C)

## Section 10 - Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Stable at normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Carbon monoxide. Carbon dioxide.

## Section 11 - Toxicological information

### Information on likely routes of exposure

<b>Ingestion</b>	Expected to be a low ingestion hazard.
<b>Inhalation</b>	No adverse effects due to inhalation are expected.
<b>Skin contact</b>	No adverse effects due to skin contact are expected.

# SAFETY DATA SHEET

Eye contact	Direct contact with eyes may cause temporary irritation.					
Symptoms related to the physical, chemical and toxicological characteristics	Direct contact with eyes may cause temporary irritation.					
Information on toxicological effects.						
Acute toxicity	Not expected to be acutely toxic.					
	Components	Level	Type	Code	Species	Results
	n-Methyl Pyrrolidone (CAS 872-50-4)	Acute	Dermal	LD50	Rabbit	8000 mg/kg
		Acute	Oral	LD50	Rat	3914 mg/kg
		Acute	Inhalation	LDLO	Rat	>5100 ppm, 4 h
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.					
Serious eye damage/ eye irritation	Direct contact with eyes may cause temporary irritation.					
Respiratory sensitization	This product is not expected to cause respiratory sensitization.					
Skin sensitization	This product is not expected to cause skin sensitization.					
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.					
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.					
Reproductive toxicity	Suspected of damaging fertility or the unborn child.					
Specific target organ toxicity - single exposure	Not classified.					
Specific target organ toxicity - repeated exposure	Not classified.					
Aspiration hazard	Not available.					

## Section 12 - Ecological Information

<b>Ecotoxicity</b>	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.	
<b>Persistence and degradability</b>	The product is expected to be biodegradable.	
<b>Bioaccumulative potential</b>	Not known.	
<b>Partition coefficient n-octanol / water log (Kow)</b>		
Components		Results
n-Methyl Pyrrolidone (CAS 872-50-4)		-0.54
<b>Mobility in soil</b>	No data available.	
<b>Mobility in general</b>	The product is water soluble and may spread in water systems.	
<b>Other adverse effects</b>	None known.	

## Section 13 - Disposal considerations

<b>Disposal instructions</b>	Dispose in accordance with applicable federal, state, and local regulations.					
<b>Local disposal regulations</b>	Dispose of in accordance with local regulations.					
<b>Hazardous waste code</b>	Waste codes should be assigned by the user based on the application for which the product was used.					
<b>Waste from residues / unused products</b>	Dispose in accordance with all applicable regulations.					
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied.					

## Section 14 - Transport information

<b>DOT</b>	Not regulated as dangerous goods.					
<b>IATA</b>	Not regulated as dangerous goods.					
<b>IMDG</b>	Not regulated as dangerous goods.					
<b>Transportation in bulk according to Annex II of MARPOL 73/78 and IBC Code</b>	This substance/mixture is not intended to be transported in bulk.					

## Section 15 - Regulatory Information

<b>US federal regulations</b>	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. One or more components are not listed on TSCA.					
	<b>TSCA Section 12(b) Export Notification (40 CFR707, Subpt. D)</b>					
	Not regulated.					
	<b>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>					
	Not listed.					
	<b>CERCLA Hazardous Substance List (40 CFR 302.4)</b>					
	Not listed.					
	<b>Superfund Amendments and Reauthorization Act of 1986 (SARA)</b>					
	<b>Hazard Categories</b>					
	Immediate Hazard	No				
	Delayed Hazard	Yes				
	Fire Hazard	No				

# SAFETY DATA SHEET

Pressure Hazard No  
 Reactivity Hazard No  
 SARA 302 Extremely hazardous substance Not listed.  
 SARA 311/312 Hazardous chemical Yes  
 SARA 313 (TRI reporting) Not regulated.

Chemical name	CAS #	% by wt.
n-Methyl Pyrrolidone	872-50-4	1 - 5

## Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HSPs) List	Not regulated.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)	Not regulated.
Safe Drinking Water Act (SDWA)	Not regulated.
Food and Drug Administration (FDA)	Not regulated.

## US state regulations

US.Massachusetts RTK - Substance List	Components n-Methyl Pyrrolidone (CAS 872-50-4) Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)
US.New Jersey Worker and Community Right-to-Know Act	Components n-Methyl Pyrrolidone (CAS 872-50-4) Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)
US.Pennsylvania RTK - Hazardous Substances	Components n-Methyl Pyrrolidone (CAS 872-50-4) Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)
US.Rhode Island RTK	Components n-Methyl Pyrrolidone (CAS 872-50-4)
US - California Proposition 65	WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.
US - California Proposition 65 - Carcinogens Reproductive Toxicity (CRT): Listed	n-Methyl Pyrrolidone (CAS 872-50-4)

## International Inventories

Country(s) or region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances	No
Unites States Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

\*A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## Section 16 - Other information, including date of preparation or last version

Issue date 3/12/2015

Version # 01

**Disclaimer** The information contained herein was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond the manufacturer's control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising from the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.



### Directions:

Apply ENDURA™ Wood Floor Finish using a T-bar and approved wood floor application pad. ENDURA™ is ready for application—it requires no mixing. Do not apply this product to bare, unsealed wood floors. Read all label instructions prior to applying this product.

### FINISH APPLICATION PROCEDURES:

Mix ENDURA™ before initial use by rolling the container gently on the floor. Avoid creating foam in the container. Allow foam to dissipate before beginning application. Apply at a rate of 700-800 square feet per gallon. Apply ENDURA™ using a T-bar applicator with new, clean applicator pad in a thin, even coat going with the grain of the wood. Adequate ventilation must be maintained for coating and drying.

1. Ensure the floor surface is properly prepared for finish application. The floor surface should be clean, dry and free of any dust.
2. Pour a 4" wide line of ENDURA™ along the starting wall.
3. Holding the applicator at a snow plow angle (45°), walk at a slow, even pace maintaining a wet edge at all times and moving the finish to the opposite wall. Overlap passes by 3" to 4". Walking too fast can produce foaming in the finish and result in air bubbles trapped in the finish.
4. At the end of each run, turn the applicator toward you and pad out the applicator parallel to the wet edge. Feather out all turns; if pushed too hard or too fast, drips will fly off the applicator. Missed areas can be touched up if seen right away.
5. Allow the finish to dry thoroughly, at least 2 hours (longer in humid conditions).
6. Additional coats of ENDURA™ can be applied in a window of 2 - 12 hours. After 12 hours follow ROUGHING PROCEDURES to ensure proper adhesion between coats.

### ROUGHING PROCEDURES:

If additional coats of ENDURA™ are to be applied 12 hours or more after the previous application, roughing the floor surface will ensure proper adhesion between coats.

### DRY PROCESS

1. Roughen floor surface using a 175 rpm swing machine with a maroon floor pad or 120 grit screen. Use over lapping passes until floor surface is roughened evenly.
2. Vacuum all surfaces thoroughly to remove dust in and around the work area.
3. Tack the floor surface using FAST BREAK™ Routine Wood Cleaner

- following the Routine Cleaning / Tacking instructions on the FAST BREAK™ product label.
4. Follow FINISH APPLICATION PROCEDURES.

### WET PROCESS

1. Roughen the floor surface using PIVOT™ Intensive Prep Wood Cleaner following the Wet Screening instructions on the PIVOT™ product label.
2. Tack the floor surface using FAST BREAK™ Routine Wood Cleaner following the Routine Cleaning / Tacking instructions on the FAST BREAK™ product label.
3. Follow FINISH APPLICATION PROCEDURES.

### SCRUBBING & RECOATING:

As the floor surfaces ages, it become dirty and scuffed. It can benefit from a good cleaning and application of a fresh coat of ENDURA™.

1. Dust mop floor surface. Remove chewing gum and other sticky materials with a putty knife.
  2. Clean floor surface thoroughly with PIVOT™ Intensive Prep Wood Cleaner following the Deep Cleaning prior to Recoating instructions on the PIVOT™ product label.
  3. Follow ROUGHING PROCEDURES and FINISH APPLICATION PROCEDURES.
- NOTE: Floors that have been previously coated should be tested in an inconspicuous area before recoating to determine compatibility of ENDURA™ with the existing finish.

### DAILY MAINTENANCE:

Keeping wood floor surfaces clean, free of dust and dirt is essential to cleanliness and proper surface maintenance.

1. Dust mop wood floors a minimum of once per day (more often if required), using dust mops treated with MID-COURT™ Water-Based Dust Mop Treatment.
2. Spot clean spills, salt residue, etc. with FAST BREAK™ Routine Wood Cleaner. Follow the Spot cleaning with towels instructions on the FAST BREAK™ label.

### ROUTINE MAINTENANCE:

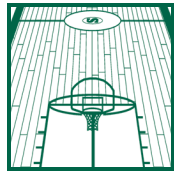
1. Clean the floor surface routinely with FAST BREAK™ Routine Wood Cleaner following the Routine Cleaning / Tacking instructions on the FAST BREAK™ product label.

### INTERIM MAINTENANCE:

1. Autoscrub the floor surface using FAST BREAK™ Routine Wood Cleaner following the Interim Cleaning Process instructions on the FAST BREAK™ product label.



World Class Cleaning Solutions®



Wood Care

# Endura™

## Ultra Premium Water-Based Urethane Wood Finish

Superior resistance to wear, scuffing, black marking, and soil. Single component formula simplifies application and means no mixing and no pot life, yet rivals 2-part finish systems for overall performance! VOC compliant. Reduces down time associated with traditional solvent-based wood floor products; floors are ready for foot traffic in 24 hours. Designed for all types of wood floors; dries crystal clear.

**WARNING: SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD.**  
See back panel for additional precautions and treatment.

**ATENCIÓN: SOSPECHA DE DAÑAR LA FERTILIDAD O LA DEL FETO.**  
Ver panel lateral para las medidas preventivas adicionales.  
NET CONTENTS: 1 GALLON / 3.79 LITERS

National Chemical Laboratories, Inc.  
Philadelphia, PA 19123 USA • (800) 628-2436  
www.nclonline.com

Product No.: 1600



**WARNING: SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD.**  
**KEEP OUT OF THE REACH OF CHILDREN.**

### Precautionary statement

**Prevention:** Do not breathe mist or vapor. Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** Wash thoroughly after handling. If exposed or concerned: Get medical advice/attention.

**Storage:** Store away from incompatible materials.

**Disposal:** Dispose of waste and residues in accordance with local authority requirements.

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. One or more components are not listed on TSCA.

### Additional safety measures:

Read the entire label and SDS before using this product, and for additional first aid measures. SDS for this product is available on the web at [www.nclonline.com](http://www.nclonline.com)

**Inhalation:** Move to fresh air. Get medical attention if irritation persists.

**Skin contact:** Wash off with soap and water. Get medical attention if irritation persists.

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

**Ingestion:** Rinse mouth. Get medical attention if irritation persists.

### KEEP FROM FREEZING

**CONTAINS:** 1-ethyl-2-Pyrrolidinone CAS# 2687-91-4, Dipropylene Glycol Monomethyl Ether CAS# 34590-94-8, n-Methyl Pyrrolidone CAS# 872-50-4



Floor Coating and Finishing Material  
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18 EL



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