

LIFELINE™

Low VOC - less than 100 g/L



ULTRA-7

STIR WELL
BEFORE AND
DURING
USE

ONE COAT TRANSPARENT WOOD STAIN

Rev 7/11

FOR EXTERIOR WALLS AND DECKS

• APPEARANCE • LONGEVITY • VALUE • ENVIRONMENT

VOC compliant in all 50 States

PERMA-CHINK
SYSTEMS, INC.



Made in USA

CAUTION - DO NOT TAKE INTERNALLY

1-800-548-3554 www.permachink.com



1 gallon
(approx. 3.8 liters)

LIFELINE™ ULTRA - 7

Directions For Use on Exterior Wood Surfaces

LIFELINE™ ULTRA-7 is a new technology, water-based finish that generates the desired color with the application of a single coat on both horizontal and vertical surfaces.

STEP #1: INSPECTION

Check for deterioration and decay. Replace or repair deteriorated wood. Contact any Perma-Chink Systems office for information about wood repairs.

STEP #2: SURFACE PREPARATION

All surfaces should be free from mill glaze and contaminants including dirt, dust, mold and mildew, old finishes, water repellents and wax. Use only materials specifically approved by Perma-Chink Systems Inc. to prepare surfaces. If a borate-based wood preservative has been applied, make sure it is completely dry. **DO NOT APPLY LIFELINE™ ULTRA-7 TO SURFACES THAT HAVE BEEN BRUSHED OR RUBBED WITH STEEL WOOL** (rust spots may appear under the finish). If the wood has been media blasted or more than a week has passed since cleaning, wash down the surface with a solution of Log Wash™ according to instructions.

DECKS: For new, pressure treated decks allow the wood to dry for at least three months. Sand the deck with 60-80 grit sandpaper then clean with Log Wash™. On older decks remove existing finishes and grey oxidized wood fibers.

STEP #3: APPLICATION

COVERAGE RATE: Approx. 300-400 square feet per gallon over bare wood, depending on porosity. **DO NOT THIN or MIX WITH OTHER PRODUCTS. STIR THOROUGHLY BEFORE AND DURING USE.**

TOOLS: Airless sprayer with .015 or .017 tip and high quality, synthetic bristle brush. For decks, a paint pad makes application easy. **DO NOT USE ROLLERS!**

TECHNIQUE: LIFELINE™ ULTRA-7 is best applied by sprayer and followed immediately by back-brushing to work the finish into the wood surface and promote the most even coverage

LIMITED WARRANTY

Perma-Chink Systems, Inc. warrants and represents that Perma-Chink Log Home Products will conform to the description and specifications previously set forth and be free from defects in material and workmanship when shipped to the buyer. EXCEPT WHEN HEREIN EXPRESSLY STATED, THERE ARE NO WARRANTIES, EXPRESSED OR IMPLIED, BY OPERATION OF LAW OR OTHERWISE, APPLICABLE TO THIS PRODUCT. PERMA-CHINK SYSTEMS EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

and color. Small sections will help maintaining a wet edge to avoid lap marks. Stop your application lines at natural break points such as corners, window and door edges, butt joints. If a darker color or heavier coat is desired, it is best to apply two thin coats rather than one heavy coat. If wood has been media blasted, the use of Prelude™ Clear Wood Primer prevents over-absorption of the stain resulting in uneven and darker than expected colors. **Do not apply to hot surfaces or in direct sunlight.**

Vertical surfaces – (walls, posts, etc) After LIFELINE™ ULTRA-7 has dried, one coat of LIFELINE Advance clear topcoat should be applied to add depth and extend the life of the finish system.

Horizontal surfaces – (decks, handrails, etc.) One coat of LIFELINE™ ULTRA-7 is all that should be applied to horizontal surfaces. **DO NOT APPLY LIFELINE ADVANCE™ TO DECKS, HANDRAILS AND OTHER HORIZONTAL SURFACES.**

STEP #4: CLEANUP

Clean area and equipment immediately with warm, soapy water. For sprayers and other commercial equipment, follow the manufacturer's directions. Dispose of containers and unused material in accordance with local, state and federal regulations.

STEP #5: MAINTENANCE

Wood checking, cracking and shrinkage may expose unprotected wood. Apply periodic maintenance coats as needed. Maintenance coats of LIFELINE™ ULTRA-7 or LIFELINE Advance™ may be applied directly over the existing LIFELINE™ finish. Clean the surface with Log Wash™ before any maintenance application.

STEP #6: STORAGE

Store LIFELINE™ ULTRA-7 out of direct sunlight and do not allow product to freeze.

CAUTION: PLEASE READ CAREFULLY!

DO NOT TAKE INTERNALLY. IF SWALLOWED, DRINK MILK. DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN IMMEDIATELY.
KEEP OUT OF REACH OF CHILDREN.
KEEP CONTAINER TIGHTLY SEALED AFTER EACH USE.
USE ONLY IN WELL VENTILATED AREA. DO NOT INHALE VAPORS.
USE CAUTION WHEN APPLYING AROUND LAWNS AND SHRUBBERY.



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Material Safety Data Sheet

IDENTITY (As Used on Label and List)

LIFELINE ULTRA-7



Section I

Manufacture's Name Perma-Chink Systems, Inc.	Emergency Telephone Number: CHEMTREC 1-800-424-9300
Address (Number, Street, City, State, and ZIP code) 1605 Prosser Road	Telephone Number for Information: 865-524-7343
Knoxville, TN 37914	Date of Preparation 7/6/2011
Preparer's Name Sean Gahan	Signature of Preparer (optional)

Section II – Hazardous Ingredients/Identity Information

Hazardous Component (Specific Chemical Identity, Common Name(s))	CAS #	OSHA / PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Ethylene Glycol	107-21-1	50 ppm	100 mg/m ³		

Section III – Physical/Chemical Characteristics

Boiling Point: 212 °F	Specific Gravity (H ₂ O = 1) 1.05 – 1.10
Vapor Pressure (mm Hg.) N/A	Melting Point % Volatile (Volume) 77-82
Vapor Density (Air = 1) >1	Evaporation Rate (Butyl Acetate = 1) > 1
Solubility in Water Miscible with water; insoluble in most petroleum solvents	
Appearance and Odor Milky white or pigmented liquid; characteristic latex order	VOC MAX: 100 g/L MAX.

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) None	Flammable Limitations N/A
Extinguishing Media CO ₂ , dry chemical, foam	
Special Fire Fighting Procedures Use water spray to cool fire-exposed containers	

Unusual Fire and Explosion Hazards

Pressure may build up in closed containers that are exposed to fire or extreme high temperatures.

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	✓	None Known
Incompatibility (Materials to Avoid) None known			
Hazardous Decomposition or Byproducts			Under extreme heat product may form oxides of nitrogen and carbon
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	✓	None Known

Section VI – Health Hazard Data

Routes of Entry Inhalation? NO Skin? YES Ingestion? YES Eye Contact? YES

Health Hazards (Acute and Chronic)

EYE CONTACT: May cause eye redness or irritation. **INHALATION:** Inhalation of vapors may cause headache or dizziness.

INGESTION: May cause gastrointestinal irritation. **SKIN:** May cause temporary redness or skin rash.

Carcinogenicity? NO

NTP? NO

IARC Monographs? NO

OSHA Regulated? NO

No long term adverse effect are known.

Signs and Symptoms of Exposure: None known

Medical Conditions: None known

Emergency and First Aid Procedures:

Eye contact: Flush with clean water for at least 15 minutes; seek medical attention.

Ingestion: Give two glasses of water or milk to dilute. If irritation develops, seek medical attention.

Skin contact: Wash affected area with soap and water.

Inhalation: If vapors are inhaled, move individual to fresh air. If respiratory irritation develops, seek medical attention.

Section VII – Precautions for Safe Handling and Use

Steps to be taken in Case Material is Released or Spilled

Dike spill. Absorb with inert material and collect for disposal. Do not allow material or washings to enter waterways.

Waste Disposal Method

Dispose of material in accordance with all applicable Federal, State, and Local regulations

Precautions to be taken in Handling and Storing

Read and Observe all precautions on the product label. **KEEP OUT OF REACH OF CHILDREN.**

Other Precautions

Keep product from freezing.

Section VIII – Control Measures

Respiratory Protection (Specify Type)

Wear a NIOSH approved organic vapor respirator.

Ventilation Local Exhaust

Provide adequate ventilation.

Special

Mechanical (general)

Other

Protective Gloves

Chemical resistant gloves are recommended.

Eye Protection

Goggles or safety glasses

Other Protective Clothing or Equipment

Wear long pants and shirt while applying product to protect skin from direct contact.

Work/Hygenic Practices: Wash hands thoroughly before eating, drinking, smoking or using the restroom.

The information contained herein is, to the best of Perma-Chink Systems, Inc. knowledge, accurate as of the data indicated. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume responsibility for the results of its use. This information is furnished on the condition that the person receiving it shall make his own determination as to the suitability of the material for his particular purpose and on the condition that he assumes the risk of his use thereof.