

# Interior Wood Stain & Finishes

## Lifeline Acrylic™

### Gloss/Satin

#### Clear Topcoat for Interior Millwork and Walls

*Lifeline Acrylic* is a furniture grade clear coat for interior use. *Lifeline Acrylic* forms an attractive and durable protective film that adds depth to the finish and makes cleaning wood surface a breeze. It can be applied onto *Lifeline Interior* or *Prelude* or directly over bare wood.

- Easy application
- High coverage rates
- Fast drying
- Very low VOC formula
- Compatible with all Perma-Chink Systems wood care products
- Environmentally friendly
- Free samples

**Surface Preparation:**  
Must be applied to clean, dry surface.

**Application Rates:**  
600-800 sq.ft. per gallon over *Lifeline Interior* or *Prelude*.  
700-900 sq.ft. per gallon on subsequent coats.

**Application Temperature:**  
40° F to 90° F

**Application Methods:**  
Airless sprayer.  
Brush.

**# of Coats:**  
One to multiple coats depending on desired film thickness.

**Drying Time:**  
Dry to the touch in 2 to 4 hours. Cures in 72 hours.

**Clean up:**  
Soap and water.

**Packaging:**  
1 gallon container.  
5 gallon pail.  
Samples available.

**Storage/Shelf Life:**  
Freeze/thaw stable.  
1 year.



## Sure Shine™

### Gloss/Satin

#### Premium Waterborne Polyurethane Finish

*Sure Shine* is our most durable indoor clear finish. It is suitable for all your wood floors and any other interior surface where you want a lustrous or deep-shine finish.

If you want a deep, clear finish using fewer coats, *Sure Shine* premium finish is the one to use!

Since it is water based and fast drying, multiple coats can be applied in a single day. *Sure Shine* can be used to re-coat older oil-based floor finishes. *Sure Shine* cures to a smooth, hard surface that resists scuffing and abrasion. It prevents discolorations from water and most household cleaners and chemicals.

- Easy application and maintenance
- High coverage rates
- Fast drying
- Very low VOC formula
- Compatible with all Perma-Chink Systems wood care products
- Environmentally friendly
- Free samples

**Surface Preparation:**  
Must be applied to clean, dry surface.

**Application Rates:**  
600-800 sq.ft. per gallon over *Lifeline Interior* or *Prelude*.  
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**Application Temperature:**  
40° F to 90° F

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Airless sprayer.  
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One to multiple coats depending on desired film thickness.

**Drying Time:**  
Dry to the touch in 2 to 4 hours. Cures in 72 hours.

**Clean up:**  
Soap and water.

**Packaging:**  
1 gallon container.  
5 gallon pail.  
Samples available.

**Storage/Shelf Life:**  
Freeze/thaw stable.  
1 year.



# SURE SHINE™

4/08  
**GLOSS  
or  
SATIN**

## Waterborne Polyurethane Premium Finish

### For Floors, Cabinets and Interior Walls

- Fast Drying
- Soap and Water Clean Up
- Low Odor
- Hard, Abrasion Resistant Finish

**PERMA-CHINK**  
SYSTEMS, INC.  
www.permachink.com

Eastern Division 1-800-548-3554 Western Division 1-800-548-1231 Colorado 1-800-433-8781 Montana 1-800-479-7090 Minnesota 1-877-244-6548

**STIR WELL BEFORE USING**

1.0 gallon (approx. 3.8 liters)

Made in USA

### SURE SHINE™ Polyurethane Premium Interior Finish

Sure Shine Premium Finish is specifically designed for finishing and protecting wood floors, cabinets, walls and other wood surfaces where a clear, durable, scuff-resistant finish is desired. Its waterborne formulation is non-flammable, has little odor and resists yellowing. Once cured, Sure Shine is more durable than most water or solvent-based clear finishes. Sure Shine's hard finish resists scuffing and abrasion and prevents discolorations from water and most household chemicals and cleaners. Sure Shine Premium Finish may be applied over previously stained or finished floors and woodwork. However, before coating an entire floor, test the performance of Sure Shine in a small, inconspicuous area such as a closet.

#### APPLICATION INSTRUCTIONS

**Preparation:** Wood surfaces should be dry and cleaned of all oils, grease, wax, dirt and dust. For best results wipe the entire area to be finished with a clean rag prior to application. If an oil-based stain has been applied to the wood, allow it to dry for at least three weeks then wipe it down with a clean cloth before applying Sure Shine.

**Recommended Application Equipment:** Use a synthetic bristle brush, foam brush or applicator pad to apply thin coats of Sure Shine. **Do not use a roller or other types of applicators that apply thick coats!** Sure Shine may be applied with an airless sprayer with back-brushing.

#### Walls, Cabinets and Trim

If applying to wood walls, cabinets or trim, first apply Lifeline Interior stain or Prelude Clear Wood Primer. Once the stain or primer has dried to the touch, the first coat of Sure Shine can be applied. Sure Shine should never be applied to green logs or wood with a moisture content in excess of 20%.

**Application:** Use a paint paddle to gently stir Sure Shine before using. Do not shake container or agitate as this creates foam that may result in air bubbles within the finish. Sure Shine is made to be used "as is." **Do not dilute Sure Shine with water or any other solvent. Do not tint.**

**Stir well before and during use.** Apply thin coats of Sure Shine using smooth, even strokes in the same direction as the wood grain. Do one or two boards at a time ending at wood joints, walls or doorways to prevent lap marks.

After applying the first coat, allow it to dry to the touch (typically one to two hours) then lightly sand smooth using fine (180 grit or higher) sandpaper or buffing brush. Do not allow sanding procedure to build up excessive heat. **Do not use steel wool!** We do not recommend sanding between subsequent coats. Although a minimum of three coats is recommended for new or worn wood floors, additional coats will add luster and depth to the finish.

**Cleanup:** Wash hands and tools with soap and warm water as soon as possible after use.

**Drying Time:** Although Sure Shine dries to the touch in approximately one to two hours, you should let the surface dry for about 12 hours before allowing light traffic. Avoid placing rugs or moving furniture over the finish for approximately one week. Sure Shine will reach full cure hardness within one to two weeks.

**Estimated Coverage:** One gallon of Sure Shine typically covers between 600 to 800 square feet. First coat coverage may be less on older, porous wood floors.

#### LIMITED WARRANTY

Perma-Chink Systems, Inc. warrants and represents that Perma-Chink Systems Family of 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 THE PERMA-CHINK LOG HOME PRODUCT. PERMA-CHINK SYSTEMS EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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www.permachink.com

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# Material Safety Data Sheet



IDENTITY (As Used on Label and List)

SURESHINE GLOSS & SATIN

## Section I

Manufacture's Name <b>Perma-Chink Systems, Inc.</b>	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 8/17/09
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)
Silicon Dioxide, Crystalline free	112945-52-9	N/A	10 mg/m <sup>3</sup>	(SATIN ONLY)	
Dipropylene Glycol monobutyl ether	29911-28-2	N/A	N/A		

## Section III – Physical/Chemical Characteristics

Boiling Point: 212 °F	Specific Gravity (H <sub>2</sub> O = 1) 1.0 – 1.1
Vapor Pressure (mm Hg.) N/A	Melting Point % Volatile (Volume) 65 - 75
Vapor Density (Air = 1) >1	Evaporation Rate (Butyl Acetate = 1) > 1
Solubility in Water Miscible with water	
Appearance and Odor Milky white liquid; characteristic latex order	VOC: 350 g/L MAX

## Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) None	Flammable Limitations N/A
Extinguishing Media Water, spray foam, CO <sub>2</sub> , dry chemical	
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

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## Section VI – Health Hazard Data

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Routes of Entry    Inhalation? YES    Skin? YES    Ingestion? YES    Eye Contact? YES

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### Health Hazards (Acute and Chronic)

Vapors may be irritating to the eyes, mucous membranes, respiratory tract and may produce symptoms of headache, Nausea in poorly ventilated areas.

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Carcinogenicity? NO    NTP? NO    IARC Monographs? NO    OSHA Regulated? NO

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No long term adverse effects are known.

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Signs and Symptoms of Exposure: **Inhalation:** Vapors may be irritating to the eyes, mucous membranes, respiratory tract and may produce symptoms of headache, nausea in poorly ventilated areas. **SKIN & EYES:** May cause irritation or rash upon prolonged or repeated contact. **Ingestion:** May cause nausea, vomiting or diarrhea.

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Medical Conditions: Generally aggravated by exposure – existing skin and respiratory conditions.

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### Emergency and First Aid Procedures:

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

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**Ingestion:** Do not induce vomiting. Give two glasses of water or milk to dilute. If irritation develops, seek medical attention.

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**Skin contact:** Remove grossly contaminated clothing and launder. Wash affected area with soap and water.

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**Inhalation:** If vapors are inhaled, move individual to fresh air. If not breathing, start artificial respiration. Seek medical attention.

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## Section VII – Precautions for Safe Handling and Use

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### Steps to be taken in Case Material is Released or Spilled

Dike spill and absorb with inert material. Collect for disposal. Do not allow material or washings to enter waterways, sewers or low areas. Eliminate sources of ignition and prevent additional discharge of material.

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### Waste Disposal Method

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

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### Precautions to be taken in Handling and Storing

Avoid breathing vapors. Wash thoroughly after handling. Keep container closed when not in use. Store in a cool dry place. **KEEP OUT OF THE REACH OF CHILDREN.**

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### Other Precautions

Keep product from freezing.

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## Section VIII – Control Measures

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### Respiratory Protection (Specify Type)

Wear NIOSH – approved organic vapor respirator if product is sprayed indoors

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Ventilation    Local Exhaust	Special
Provide local exhaust if sprayed indoors	
Mechanical (general)	Other
Provide general exhaust sufficient to keep below PEL and TLV limits.	
Protective Gloves	Eye Protection
Chemical resistant gloves recommended.	Goggles or safety glasses

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### Other Protective Clothing or Equipment

None required for normal use

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Work/Hygenic Practices: Wash hand thoroughly before eating, smoking or using the rest room after handling.

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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.