



# Technical Data Sheet

## Special Linseed Oil

### Features

- May Qualify for up to Four LEED Points.
- Excellent choice for Interior Timber Frames and Log Homes.
- A preferred choice by Moms and Dads for Cribs, Cutting Boards and Kids Toys.
- Product meets requirements for use under the following section of Title 21 (Food and Drug) of the Code of Federal Regulations: §175.300 Resinous and Polymeric Coatings
- No Petrochemical Solvents | ZERO VOC.
- Renewable Content 99.99%, 100% Solids Content.
- Sustainable | Beautiful | Pleasant to Apply.

### General Properties

Natural, pure linseed oil made from specially selected flax seed oil.

**Locally Harvested Ingredients:** Specially Filtered-Refined Linseed Oil.

**Recommended for:** Wood Finishing.

**Vehicle Type:** Linseed Oil.

**Pigment Type:** None.

**Volume Solids:** 100%

**Theoretical Coverage at 75 F (23 C) and 50% Relative Humidity:**

*Test a sample pint for the most accurate measurement.*

*High solids coatings such as this generally have greater coverage than those containing less resins.*

Typically, Rough and Dry Wood absorbs approximately 250-300 sft / gl.

New and Smooth wood 500-700 sft/ gl.

### Recommendd Film Thickness:

Product is a Penetrating Oil Stain that absorbs into the substrate. Do not form a film on the surface.

### Theoretical Dry Time @ 77 F (25 C) @ 50% R.H.:

*This product does not contain dryers. It is refined to dry naturally. It is also a penetrating oil that allows the use of the surface before full dry and curing takes place. Test in advance to be sure the drying characteristics meet each project's needs.*

**Set to Touch:** 24 hours.

**To Recoat:** Typically, 1-3 days.

**To Service:** 1-3 days.

**Dries By:** Evaporation, Oxidation

**Spraying:** Use 0.11 tip or larger, always back brush sprayed wood. Clean spray rig with Earth Clean and Water.

**Viscosity:** Gardner Scale E

**Flash Point:** Not Less than 200 degrees Fahrenheit.

**Surface Sheen:** Flat. Product is a flat penetrating oil.

### Surface Temperature at Application:

Minimum: 45 F

Maximum: 90 F

Does not freeze at 32F but coldness slows drying.

### Storage Temperature:

Minimum: 45 F

Maximum: 90 F

**Shelf Life:** 1 Year unopened. If using Corn Solvent to dilute and speed dry time, then be sure to use all product in a single use. Does not contain toxic preservatives. After 6 months, a protective skin may form on top of the product. This may happen in a can with some air in it. Peel the dried coating on the surface away to get to good product underneath. After time, the oils may thicken but have never been known to go bad, in fact it generally improves the product. However, we suggest a test area be been done to insure older product achieves satisfactory results.

**Weight Per Gallon:** 8.5 lbs.

**Volatile Organic Compounds (VOC):**

<0 g/L

**Limitations:** Add Corn Solvent to speed dry if needed but be sure to only mix what is needed that day. Product diluted with Corn Solvent may begin to cure in the can during storage. Temperature, rain, cold may also slow the dry time.

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## COATING WOOD WITH SPECIAL LINSEED OIL

### WOOD SURFACE PREPARATION

*Strip previous coatings. Apply to raw wood.*

Wash surfaces with Earth Clean.

**SANDING:** Sand as desired to achieve the level of smoothness appropriate for each project.

**APPLICATION TEMPERATURE:** 45-90F. (70-90F is ideal, below 45F slows drying.) High Humidity slows drying. Product is not freeze sensitive but coldness will slow drying time.

**DILUTION:** None necessary. If desired, add one Quart of Corn Solvent or Pure Citrus Solvent to one Gallon of product, prior to use. Can be diluted up to 50% (1:1 ratio) with oil based solvent if desired.

### APPLICATION INSTRUCTIONS

*Apply to Raw Wood or Masonry. Test for allergies and preferences before using.*

**1.) PREP, DILUTE AND STIR:** According to instructions above.

**2.) APPLY THIN** - Uniformly coat raw, properly prepared wood. Use a high quality natural bristle brush and roller, (foam rollers or foam deck stain pads may work well too). Work into the wood. Product can be wiped on with a lint free rag if desired but remember to dry rags flat or rinse with Earth Clean and Water. Product will saturate wood fiber cells.

**3.) BACK BRUSH INTO WOOD** - Make sure product penetrates the wood. (Do not paint on surface like a polyurethane.)

**4.) END OF DAY** - Check surface before leaving job for the day. Make sure there are no runs, drips, uneven areas. Typically, this is the knots and burls that accept stain at different rates and need another brushing. On any areas that are too thick go over with a Dry Brush to thin it out and push finish into the wood.

**5.) NEXT MORNING** - Check in the morning for drips and Flashing. If there is any flashing (shiny spots that didn't soak in fully), wipe them off with a rag soaked in Corn or Citrus Solvent.

**100% BIODEGRADABLE CLEAN UP:** Use Earth Clean added to Water.

**STORAGE:** Temp 55-75F, 1 yr. unopened. Pour leftover product into smallest possible vessel size.

**DISPOSAL:** In accordance with local regulations. Rinse and recycle containers whenever possible.

**MAINTENANCE:** Wash with Earth Clean to keep clean. Recoat as needed, following Application Instructions.

### SPONTANEOUS COMBUSTION WARNING

Vegetable oil damp or soaked rags can self-ignite if left piled up. Lay flat to dry or soak in Earth Clean or soap and water, rinse well, dry flat in open air and reuse or compost.

**HEALTH PRECAUTIONS:** Wear impermeable protective clothing, safety glasses and rubber gloves. Avoid using overhead or spraying without fully covering with impermeable clothing, safety goggles with side shields and an NIOSH approved Respirator.

**KEEP AWAY FROM CHILDREN.** Emergency contact: Nationwide Poison Center Hotline:1.800.222.1222

**LIMITED WARRANTY:** The great variation between environmental factors, possible surfaces and application techniques, and the lack of control we have over such matters, must affect our policies. EARTHPAINT INC. products are guaranteed not to be defective when applied and used in accordance with instructions. However, liability, whether express or implied, is limited to replacement of product or refund of purchase price and cannot include liability for labor costs or consequential damages and will be done at Earthpaint Inc sole discretion. It is the user's responsibility to ensure that the proper product is being used for each job.

**CONTAINER SIZES:** Sample Pints, One Gallon Cans,  
Five Gallon Pails, 55 Gallon Drums, Totes.

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