

# Technical Data Sheet

## Mountain Floor & Furniture Sealer

**Earthpaint**  
because you care



### Features

- May Qualify for up to Four LEED Points, EQ 4.2, MR5.1, MR5.2, MR6
- NC Healthy Built Homes up to Six Point IAQ 25 & 28
- Exceeds South Coast Air Quality Management District (SCAQMD) Rule 1113
- Hard Gloss Film is Super tough and beautiful.
- Worlds First 100% Natural Urethane!

### General Properties

Mop on WOOD AND CONCRETE FLOORS, Interior, film forming, gloss, clear high solids finish with water repellency, and grain illumination. Hardens into wood fibers. Can be custom tinted or used as a topcoat. Chemical resistant and scuff resistant.

### Locally Harvested Ingredients

**Patented Nut-based resin derived from recycled cashew nut shells, specially reacted pure linseed oil, citrus distillate, lead-free mineral salt driers. (DOES NOT CONTAIN n-Methyl-Perrilidone, TEA, mineral spirits, polyurethane, or glycols- and never will! NO ISOCYANATES USE IN PRODUCTION.**

### Recommended For

**Interior Use:** To provide a clear gloss hard film finish on wood floors and furniture.

### Technical Data

**Vehicle Type:** Cashew and Linseed Oils

**Pigment Type:** None, inherent amber tone of plant oil.

**Volume Solids:** 60%

**Theoretical Coverage at 75 F (23 C) and 50% humidity**

Spruce or Pine 300 sft and up to 800 sft on hardwoods.

**Recommended Film Thickness**

.5 to 1ml

**Dry Time @ 77 F (25 C) @ 50% R.H.**

Set to Touch: 8-16 hours

To Recoat: 12-48 hours, or after overnight dry.

To Service: 48-72 hours (Allow at least 48 hours from final coat before normal floor traffic)

Full Cure occurs in 4-6 weeks. Colorant, Temperature and Humidity WILL effect dry time significantly.

TEST FIRST. Keep warm, dry air circulating.

**Dries By:** Evaporation, Oxidation, Air

**Spraying:** Use 0.11 tip or larger. Spraying always increases negative health effects by atomizing the coating, increasing skin, eye and lung exposure.

**Viscosity:** Gardner Scale G

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

**60-Degree Specular Gloss:** Honeytone Gloss.

**Surface Temperature at Application:**

Minimum: 55 F

Maximum: 90 F

**Dilution:**

Dilute 3:1 with Pure Citrus Solvent so you can roll the product on with a 3/16 nap roller. It's important also to dilute if needed to achieve thin coats on the 2-4 pass. **Don't roll without diluting 3:1.**

**Clean Up:** Earthpaint Citrus Solvent Cleaner or Earthpaint Pure Citrus Solvent

**Weight Per Gallon:** 8.9 lbs.

**Storage Temperature:**

Minimum: 55 F

Maximum: 90 F

**Shelf Life:** 1 yr (does not contain toxic preservatives. MEK NOT USED as anti Skinning Oxime due to toxicity. If a natural skin forms simply strain product before use.

**Volatile Organic Compounds (VOC):**

Less than 345 grams / liter from Pure Citrus Solvent.

### Colors

Clear (Custom Tintable)

Standard product is amber and dries transparent with amber tones. Will darken wood as is common for oil based resins.

If color is added to Mountain don't shake. Use Oil based or Universal Colorant.

### Limitations & Subtleties

Vegetable Oils can self ignite. Soak Rags in Water. Don't leave piled up! Forms a beautiful gloss film however the sheen will show imperfections, dust and grit more readily than a duller finish. It is also a slow drying oil finish. This makes it more durable but also can attract more dust.

**Always test for personal sensitivities and preferences in small inconspicuous areas before application to the entire surface. Individuals sensitive to poison Ivy should be extra careful not to get product on the skin. Wash with soap and water if skin is coated. See cautions.**

Product must be applied **thin** for best results. If applied too thick it will take longer to dry, gain hardness and will to wrinkle. Keep air circulating but don't run industrial fans that cause it to dry so fast that it wrinkles. Just open the windows and keep a little air circulating. Grain raising is likely to occur between coats. To minimize this applying first coat as a rubbing oil with a buffing machine can minimize amount of sanding between coats and reduce labor time.

### Surface preparation

Wear approved [NIOSH](#) respirator, safety goggles, gloves and protective clothing whenever exposed to dust of any sort, especially previously painted materials. Sand, Pressure wash or Strip wood until it is raw and porous.

**Mountain Suggested Preparation: Always test in small inconspicuous areas before application to the entire surface.**

MAKE A SAMPLE FIRST for the customer to approve before doing entire job. Sand floor in a professional manner. Screen. Clean. Read how to's for more information on floor prep.

**Stir well. Do not Shake. Soak Rags In Water. Do Not Leave Rags Piled Up. Take caution not to contaminate unused product by pouring a used portion back into can.**

**Basic Application**

**Read "How To's" at [www.earthpaint.net](http://www.earthpaint.net) or your visit your local Earthpaint retailer for detailed application instructions on a variety of surfaces.**

**Wood Floors:** Sand to 220 & Clean professionally. Thoroughly Eliminate all dust. OPEN WINDOWS before starting a room.

Diluting can help when mopping thin onto a floor. Do not dilute more than 3 to 1 w/ Pure Citrus Solvent. Product can be rolled onto a floor using a 3/16th nap, lint free roller sleeve but only when diluted 3 gallons of Mountain To one gallon of Pure Citrus Solvent.

Eliminate all dust and potential dust sources. Make sure corners are clean so the brush doesn't grab dirt and spread onto floor. Use a foam Floor Applicator pad or Clean particle free Mop. Foam applicator pads work best and will reduce the amount of fibers on the surface. Apply to floor in very thin coats. First coat will usually soak in completely overnight. Rubbing this coat in with a rag may reduce grain raising. This increases adhesion and hardness of the wood below the final film. Work small areas at a time. Keep a wet edge. Make sure to spread evenly and keep the coats thin. **DON'T LEAVE PUDDLES AT THE END OF A WALL!!! Puddles WILL wrinkle.** Roll or mop it all out evenly.

Allow to dry overnight. Expect delays in drying if the weather is inclement and sometimes from colorant being added. Keep temperatures above 70F. Walk lightly with socks. Hardness will rapidly increase over 7 days. Always Sand in between coats with 180 to 220 grit sandpaper. Apply a second coat. **Sand well between second and third coats.** It is common to see grit on the surface at this stage. Sand lightly after third coat and apply 1-4 more thin coats using the same method outlined above. Multiple thin coats will be harder than thick coats. Dilute Mountain if needed to apply thin coats.

Rubbing Oil: Use Bio Poly NT if you want a fine satin rubbing oil finish indoors. This is a very natural machine buffed finish that is satin sheen and can be spot maintained. NT can be coated with Mountain if desired.

**Clean Up**

Use Earthpaint Citrus Solvent Cleaner diluted in water for the safest biodegradable clean up. Mineral Spirits are petrochemical solvents that we stopped using in 1991.

**Recycle**

Containers are a leading contributor to landfill mass. Recycle containers whenever possible.

**Cautions**

Health Precautions: Use in adequate ventilation. Avoid breathing vapors or spray mist. Can cause skin, eye and lung sensitivities, rash or irritation. Use NIOSH approved respirator. Wear protective clothing, gloves, and goggles. Flash point above 115 F. Do not ingest. If irritation occurs contact physician. Contact **Nationwide Poison Center Hotline: 1.800.222.1222**

**Contact Dermatitis:** Cashew has some similarities to poison ivy in it's molecular structure. Poison Ivy contains urushiol oil. Mountain does not contain any urushiol oil. It can however produce a rash similar to poison ivy in people who are sensitive to nuts or poison ivy. This is because a very small amount (approx. 0.03%) of cardol is present. Cardol is similar enough to urushiol oil that it can produce a rash when skin is coated with it. Simply wear gloves or wash off with soap and water. This is not a concern with the dry film of Mountain. Wet exposure does have the rash potential for those who are sensitive. Please, use caution. This is the toughest, most durable flooring product we can make without using the ordinary poisons like ISOCYANATES, Polyurethane, NMP, Toluene, Naphtha, Mineral Spirits, etc. **Mountain is natural and renewable and safe to use but protect your skin, especially if you are sensitive.**

**SPONTANEOUS COMBUSTION WARNING!**  
**Vegetable oil damp or soaked rags can self ignite. Soak in soapy water in metal containers, rinse well, dry flat in open air and reuse or compost.**

**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 insure that the proper product is being used for each job. **Always test for personal sensitivities and preferences in small inconspicuous areas before application to the entire surface.**

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