



Clear Penetrating Oil

OIL BASED/COVERAGE: One gallon covers approximately 200-600 square feet.

**PRODUCT NUMBER AND
CONTAINER SIZE**
40250 Qt/40150 Gal
40350 5g pail

DESCRIPTION: Safecoat® Naturals Clear Penetrating Oil is an organic plant-based premium penetrating oil for new and old unfinished woods. Excellent on wood fencing, timberwork, furniture, decking, paneling and trim, it rejuvenates, weatherproofs and enhances the innate beauty of wood surfaces. Reduces peeling, blistering, cracking and improves dimensional stability.

BEFORE USE: Unsealed wood, new or weathered. Surfaces must be cleaned of any grease, oils, dust, dirt, wax, prior coatings, adhesives and other foreign materials. Most woods should be sanded first with 120-150 grit sandpaper (when sanding, move in the direction of the grain; never sand across the grain of the wood). Note that product will generally appear lighter on wood where finer grit sandpaper is used, as finer sanding will burnish the wood and inhibit penetration. Wipe surface with a damp sponge or cloth to remove dust. Surface must be completely dry and stable before application. Moisture content of the wood must be below 12%.

APPLICATION: Every species of wood, and every piece of wood within a species, is unique and will react differently to a natural product. For example, soft or porous woods such as pine, alder, birch, fir, cedar and redwood may absorb oil unevenly; some woods may contain tannins and other extractives that will bleed through to the surface and affect appearance. Accordingly, ALWAYS conduct several test patches or a test coat to ensure compatibility and acceptability of appearance before application to the entire surface. Stir oil thoroughly prior to, and occasionally during, use. Although Safecoat Naturals Penetrating Oil contains no formaldehyde or other toxic ingredients and requires no special protective equipment to apply, assure good ventilation throughout use and while product is drying. Protect adjacent surfaces not to be coated, including plants. Apply one even coat, working with the grain, using a premium quality, wide bristle brush, a roller (followed immediately by back brushing), or an airless sprayer with a 0.11 or larger tip and 700 - 800 psi (lowest pressure to achieve a full wet spray without atomization). Allow finish to penetrate for 10 - 15 minutes, then **APPLY A SECOND COAT WHILE FIRST COAT IS STILL WET.** Allow the second coat to penetrate for 10 - 15 minutes, then wipe off any oil that has not penetrated into the wood with a clean, absorbent cloth (see warning about spontaneous combustion elsewhere on this data sheet). **Do not allow oil to puddle.** If desired and wood is still absorptive, another coat may be applied after 24 hours, but note that additional coats will inhibit the ability to absorb stains or hard surface sealers. Note: these instructions are intended to be general only and not exhaustive. The applicator should determine what preparation and techniques are best suited to the specific surface.

COVERAGE: Coverage will vary depending upon the type, age, and porosity of the wood and on the number of coats applied. Test patches will provide a good indication of likely coverage. In general, when applied in wet-on-wet coats to weathered wood, one gallon will cover from 125 square feet to 250 square feet; on new, relatively non-porous wood, from 250 - 450+ square feet. If necessary or desired, Safecoat Naturals Penetrating Oil may be thinned with Safecoat Naturals Diluent/Reducer No. 4099. Thinning may improve flow, absorption and drying, but will reduce solids, potentially affecting performance.

If you are chemically sensitive, always test for personal tolerance.

LIMITED LIABILITY: Liability, whether express or implied, is limited solely to replacement of product shown to be defective when applied in accordance with instructions and shall under no circumstances include liability for labor costs or consequential damages. It is the user's responsibility to determine the suitability and safety of the product for its intended use. This limited warranty may not be modified or extended by manufacturer's representatives, distributors, or dealers of AFM products. We particularly recommend that users always test in small inconspicuous areas before application to the entire surface.

CLEAN-UP: Tools and equipment may be cleaned with Safecoat Naturals Diluent/Reducer No. 4099.

DRYING/CURING: Under normal conditions (70 degrees F and 50% humidity) and with good ventilation, wood treated will be dry and ready for use in 24 - 48 hours. Allow two to three weeks for full product cure.

STORAGE: Safecoat Naturals Clear Penetrating Oil contains no preservatives, mildewcides or fungicides. Pour out only what will be used. Do not cross contaminate contents by pouring back material that has been in contact with contaminants. Keep container closed when not in use. In case of spillage, absorb with inert material such as sand or cat litter. Dispose of such material and/or unused contents in accordance with local, state and federal regulations. Unused contents should be kept in a closed container in a cool, dry place out of direct sunlight.

LIMITATIONS: The benefits of Safecoat Naturals Clear Penetrating Oil come from its absorption into the wood; it is not intended to create a surface film, and therefore does not provide or increase impact or abrasion resistance. Although this product can be applied in temperatures from 40 - 100 degrees F, do not apply in direct sun or where substrate is hot to the touch, as this will cause excessively fast curing and prevent adhesion/absorption. Do not freeze. Always conduct sample test patches to assure proper adhesion/absorption can be obtained on the applicable surface. Safecoat Naturals contain no biocides or harmful preservatives. Do not contaminate. Additional products or precautions may be necessary if protection of surface from mold, mildew or fungus growth is desired.

HEALTH PRECAUTIONS: Keep container tightly closed and out of the reach of children. Do not take internally. If swallowed, do not induce vomiting. Call a physician immediately. If splashed on skin or eyes, flush with plenty of water for 15 minutes. If you are chemically sensitive: Safecoat Naturals are lower in odor than other oil based products, natural or synthetic, but they do have a mild, characteristic vegetable oil odor. Always test for personal tolerance before using.

WARNING: Spontaneous combustion danger! This product contains vegetable oils. By itself, it is not flammable or subject to spontaneous combustion. However, rags, steel wool, sanding dust or waste soaked with oil may spontaneously catch fire if improperly discarded or stored. Immediately after each use, place rags, steel wool, paper, cardboard, sanding dust and other soaked waste in a sealed, water filled metal container to prevent heat build-up and fire. When drying, allow oil soaked materials to spread out in open air to prevent fire.

PHYSICAL DATA:

Physical Description:	Liquid, slight mild odor.
% Volatile by Volume:	24.57%
Solubility in Water:	Slight
% Volatile by Weight	22.10%
VOC Material:	200 g/l
HAP's (Hazardous Air Pollutants)	zero