

# EnviroTex Lite® *pour-on*

## HIGH GLOSS FINISH

**DANGER:**

CONTACT WITH HARDENER MAY CAUSE PERMANENT EYE DAMAGE. MAY BE HARMFUL BY SKIN CONTACT OR BREATHING VAPORS OR MISTS. CONTACT WITH RESIN MAY PRODUCE ALLERGIC REACTION BY INGESTION, INHALATION OR SKIN CONTACT. CONTACT MAY CAUSE EYE/SKIN IRRITATION. **PRECAUTIONS:** Avoid inhalation, ingestion, eye and skin contact. Wear protective gloves and goggles. Use a window-exhaust fan or other suitable equipment for a well ventilated work area. Keep container tightly closed when not in use.

**KEEP OUT OF REACH OF CHILDREN**

Hardener Contains: Nonyl Phenol, polyoxyalkyleneamines and N-Aminoethylpiperazine.  
 Resin Contains: Bisphenol A/epichlorohydrin resin and aliphatic and aromatic glycidyl ethers.  
 Contact a poison control centre for more health information.

**FIRST AID:**

Oral: If resin is swallowed induce vomiting.  
 If hardener is swallowed do not induce vomiting. CALL DOCTOR IMMEDIATELY  
 Eyes: Severe irritant to eyes. In case of eye contact flush thoroughly with water for 15 minutes and get prompt medical attention.  
 Skin: Wash immediately with soap and rinse thoroughly with water. Do not use solvents or alcohol to remove product from skin.  
 Inhalation: Move to fresh air. If not breathing administer CPR, if breathing is difficult get medical attention.

**PREPARATION:**

Some things to know before using EnviroTex Lite:  
 IT IS MOST IMPORTANT THAT BOTH RESIN AND HARDENER ARE THOROUGHLY "WHIPPED" TOGETHER IN A FLAT WALLED AND FLAT BOTTOMED CONTAINER WITH A FLAT SIDED STIR STICK. SIDES AND BOTTOM OF CONTAINER MUST BE SCRAPPED WHILE MIXING. PRODUCT WILL NOT CURE PROPERLY AND WILL BE SOFT OR STICKY IF MIXING DIRECTIONS ARE NOT CAREFULLY FOLLOWED, READ DIRECTIONS CAREFULLY.

EnviroTex Lite is a reactive polymer compound. It cures to a thick, glossy coating in about 8 hours at 24°C and reaches full strength and toughness in about 72 hours. This durable, resilient material requires no polishing to produce a high gloss. One coat is all that is usually required for a deep attractive finish however two or more coats may be applied, one over the other by simply wiping the surface with alcohol prior to recoating.

ENVIROTEX LITE IS NOT RECOMMENDED FOR EXTERIOR USE. TO COAT OVER POLURETHANE FINISHES, SCUFF SAND AND WIPE CLEAN PRIOR TO COATING.

**TOOLS REQUIRED:**

Graduated cups, stir sticks and brushes. The mixing containers must have smooth, flat walls and a flat bottom. The stir stick must have a straight edge to allow the user to scrape sides and bottom of mixing container thoroughly while mixing. The brush is used to coat edges and pick up drips from the work surface covering to brush on areas at the edges missed during pouring.

**SURFACE:**

Coverage will vary according to surface and method of application. The surface to which EnviroTex Lite is to be applied should be dry and free from dust, grease, wax or oil. Level the surface. The surface should be up off the work area about 50mm to allow the coating to drip freely off the sides of the item being coated. Put plastic sheeting, wax paper or multiple layers of newspaper underneath the item being coated to catch drips. The unique self-levelling qualities of EnviroTex Lite can be attained only by using enough material to flood the surface. It is better to mix a little too much, rather than too little. Only mix as much EnviroTex as you can pour and spread at one time. Unmixed components should remain in original containers. After pouring you have about 25 minutes working time before EnviroTex Lite begins to harden.

<b>COVERAGE:</b>	120mls .....	90cm <sup>2</sup>	(30cm x 30cm approx)	230mls .....	180cm <sup>2</sup>	(42cm x 42cm approx)
	500mls .....	375cm <sup>2</sup>	(50cm x 75cm approx)	1ltr .....	750cm <sup>2</sup>	(75cm x 100cm approx)
	2ltrs.....	1.5m <sup>2</sup>	(100cm x 150cm approx)			

**APPLICATION:**

**1. Measure:**

In the same graduated container

**EXACTLY 1 part Resin.**



Then add

**By Volume**

**EXACTLY 1 part Hardener**



**2. Mix:**  
 Mix the measured resin and hardener in a clean container. Stir until the material is thoroughly blended. Mixing should be completed after 2 minutes of *vigorous* mixing. The importance of thorough mixing cannot be over-emphasised. The two components must be whipped much like mixing a cake batter. If bubbles get whipped into the mixture, do not be concerned: the bubbles can be easily removed later. Improper mixing can result in soft or sticky spots. To prevent problems with improper mixing, we suggest using a "double-cup" method of mixing: have two mixing containers ready. Begin mixing the first clean mixing container. After one minute of mixing, transfer the EnviroTex Lite into the second container and continue mixing for one minute. Mixing should be completed after two minutes of *vigorous* mixing. Do not attempt to mix more than 500mls per mix as large mixes can not be mixed properly by hand.



Stir so that stick touches entire wall of cup. Use a whipping action.



Bring up bottom so that fluids on bottom of cup are blended.

Stir Centre.



**3: Pour, Do Not Wait:**

Pour as soon as thoroughly mixed. Carefully pour over the surface in an even pattern. Spread where necessary using a piece of stiff paper to help liquid flow together.

*Caution:* If EnviroTex Lite is left in the mixing container, it will become hot and set up rapidly.

Do not pour more than 3mm at one time. Thick pours should be done in successive pours allowing each pour, time to cure.



**4. De-Gas:**

After about 5 minutes the air bubbles created while stirring will rise to the surface. They can be easily and effectively broken by gently exhaling on them until they disappear (avoid inhaling fumes). A propane torch can be used as an aid in removing bubbles from a freshly coated surface. Hold the torch about 150mm away and sweep smoothly across the surface until the bubbles are gone. Use low flame. This process may be repeated as often as is necessary while material is liquid. Brush edges until material has "set" firm enough not to "sag". NOTE: It is carbon dioxide, not heat, which breaks up the bubbles.

## 5. Cure:

For best results, coat at temperatures between 21°C and 26°C. Allow the coated item to cure in a warm dust free area. Curing time will vary with the humidity and temperature. Humidity below 50% is recommended for proper hardness of film. Placing a clean cardboard box over the item is effective in keeping dust off the surface during the cure cycle.

Temperature	Dust Free	Hard Cure
21°C	4 – 7 hours	72 hours
26°C	3 – 6 hours	48 hours
32°C	2 – 5 hours	36 hours

## 6. Clean-Up:

While liquid, the material can be cleaned up with acetone. After it has cured, it can only be removed by sanding or infrared paint peeler.

### Surface Care.

Furniture polish will prolong the life of the surface and clean smudges etc. If scratches occur that cannot be polished out, clean with acetone, then recoat with EnviroTex Lite. This additional coat will remove all surface blemishes. EnviroTex Lite is heat resistant however it should not be intentionally subjected to high temperatures such as cigarettes, cooking utensils, etc. EnviroTex Lite is water and alcohol proof.

Objects, when left on the surface for a period of time, may leave impressions on an EnviroTex Lite surface (the coating is made tough, yet flexible so as to not be brittle and prone to shattering from impact). Impressions usually disappear in a few hours at normal 21°C - 24°C room temperatures. The warmer the environment the more quickly impressions will appear and after items are removed will disappear. This characteristic coupled with outstanding moisture and chemical resistance make EnviroTex Lite an ideal coating for bar tops, coffee tables and dining tables.

## CREATIVE IDEAS:

### General Surface Coating:

EnviroTex Lite may be applied over most surfaces

Wood Paper Beans Seeds Rocks Metal Plaster Bisque Models Fabric Decals Figurines Transfers SeaShells  
Painted Surfaces Dried Flowers Oil Paints Bread Dough Pine Cones Straw Flowers Styrofoam

### Tables/Bar Tops/Large Objects:

We recommend a helper to speed the mixing process for large areas. Large or small, preparation is important. Table must be dry, sanded, level, free from sawdust, dirt or loose charred wood. Most raw wood is porous and should be sealed to prevent air bubbles from escaping into the final coat (see "seal coats"). After seal coat, flood generously with EnviroTex Lite. Ensure that the fluid is well distributed, covering all dry spots (follow steps under "bubbles") then leave it alone! Elevate a plastic drip cloth above the table as a dust cover. Give your table 2-3 days to cure undisturbed in a warm room before putting it into service.

### Decoupage/Photographs/Newspaper Clippings:

EnviroTex Lite has revolutionised the art of Decoupage with its one coat application. Use white glue to mount the items to be coated. If you are working with this paper, then avoid "blotching" by sealing first with the white glue solution. Make sure glue is thoroughly dry before coating with EnviroTex Lite.

## TECHNIQUES:

**Liquid Storage** - For best results, fluids should be stored at 21-24°C prior to use. Both resin and hardener can be left in open containers but should be closed for long storage. The shelf life of this compound is approximately 1 year. All polymer compounds react in some way to the presence of humidity. EnviroTex Lite has been developed and formulated in such a way that its reaction to humidity is minimized. Using EnviroTex Lite in a room where humidity is under 50% will give best results.

**NOTE:** Due to the purity of the EnviroTex Lite resin, a clouding or settling of the resin may occur in extremely cold conditions. Should this "clouding" occur place resin container in hot tap water until resin clears. Allow to cool to room temperature before combining with hardener.

**Gluing** - If waiting 3-4 hours is no problem, then EnviroTex Lite works very well as a glue. But, if you are in a hurry, white glue works fine. Apply glue to the back of your print, photo or whatever. Or if you wish you can brush glue over the entire surface of the plaque and just lay the subject on top. Then use a roller or your hand to push air bubbles out from under the print. Be sure glue is dry before coating with EnviroTex Lite.

**Seal Coats** - We recommend you apply a thin coat of EnviroTex Lite prior to flood coating to prevent air from escaping from the wood into the thick fluid. To seal coat something, just mix up about ¼ the amount you would use to flood coat, and spread it thinly over the entire surface using a brush or scraper tool. This puts a thin film down over air passages, and seals them off. Occasionally two seal coats are required. Allow the seal coat to cure for at least 5 hours and you are ready to flood coat the object. Porous fabric or paper should be sealed with one or two coats of white glue prior to flood coating. EnviroTex Lite Spray Sealer is available. It is very fast drying and provides a quick recoat over paper or wood and "stiffens" soft items such as dry flowers or fabrics.

**Bubbles** - One of the important signs that you are mixing EnviroTex Lite well enough is the appearance of bubbles while you are mixing. This is normal. EnviroTex Lite has been specially formulated to de-gas itself, freeing most bubbles, automatically. Occasionally, however, bubbles will become trapped in the surface. They can be easily removed by exhaling your breath gently over the surface or by carefully sweeping a propane torch across the liquid at a height of approximately 150-200mm.

**Torching** - As mentioned above, torching is a method for releasing bubbles from a pour that may not de-gas itself. Care should be taken to avoid over-torching. If wooden objects are not sufficiently seal coated prior to torching, the torching will cause wood to "bleed" air into a fresh coat of EnviroTex Lite, and these bubbles are difficult to stop. The torch should never be held in one place as this will permanently damage surface and coating. Use a swift even motion when torching and never hold torch closer than 150mm from surface.

**Satin Finish** - The following method may be used to create a satin finish with EnviroTex Lite after applied and completely cured. If after a period of time you decide you would like to change the satin finish back to high gloss, clean the surface thoroughly with acetone (to remove all wax and dirt) and recoat with EnviroTex Lite. It will cure once again to a beautiful glossy surface.

- To remove the gloss, rub the fully cured surface with wet or dry 0000 steel wool or 600grit sandpaper. Rub with the grain of the wood or in small consistent circles.
- Wipe the surface clean. Using a soft cloth or felt, apply a paste made of oil (i.e. decoupage "polishing oil", linseed oil or crude oil) and a carnauba based wax. Decoupage "polishing powder" may be used in place of the wax.
- After letting the surface dry, rub off any wax and buff with a carnauba based wax.

**Drips** - Excess EnviroTex Lite will drip over sides of the plaque or table as it is being poured. Pick up excess drips with a brush and coat the edges you missed when pouring the surface. Drips will harden on the bottom of your project during the curing process. One of the following methods will eliminate the drips.

- Scrape them off the bottom while they are still fluid, about 30-40 minutes after pouring.
- BEFORE POURING, apply a generous coat of paste wax or masking tape to the edges of the back of the project, After the EnviroTex Lite is cured, the drips can be popped off.
- Drips can be sanded off after EnviroTex Lite is cured. A circular sanding attachment on an ordinary hand drill works well.

### Before Attempting Large Projects:

EnviroTex Lite is easy to handle, but before attempting large projects we recommend doing a small one to "get the feel" of applying EnviroTex Lite. We recommend a helper to aid in mixing when coating large objects.

### Patio & Home Decor with EnviroTex®

This guide to using EnviroTex Lite® is written by Marie Browning and includes tips for creating unique accessories for your home or garden. The book gives patterns, diagrams and easy instructions for using EnviroTex Lite®. Basic how-to is also included with tips provided on mixing, pouring and clean up.

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