



TECHNICAL DATA SHEET # 1

# VLP®

## VINYL/LEATHER REPAIR FOR INDUSTRIAL USE ONLY

### DESCRIPTION:

VLP® is a clear, high strength, tear repair, designed to mend rips, tears and small holes on most types of flexible vinyl surfaces. VLP® is supplied in an easy to use, air dry formula that dries clear and blends with all colored vinyls. VLP® actually dissolves the surface of the vinyl and creates an excellent bond when completely dry. On porous fabrics, VLP® can be used the same as on vinyl but actually penetrates the pores and creates an excellent mechanical bond. VLP® is typically used on vinyl furniture, awnings, tarps, vinyl sheeting, luggage, rain wear, boots, etc. Because of its' bonding and tensile strength, VLP® also acts as a "back up" to sewn vinyl seams when applied to the backside of the seam in production.

### SPECIFICATIONS:

Solids: (wt) 18%

Viscosity range: 1,200-2,500 cps

Coverage: 60 sq.ft. per gal at 5 mils

Bond strength: (ASTM D-882) 26.02 # load

Shelf life: 1+ year at 77°F unopened container

Dry color: clear

Temperature use range: -10°F to 200°F

Tensile: (ASTM D-882) 2,900psi

Elongation: (ASTM D-882) 240%

### ALTERNATIVE PRODUCTS:

For patching or swimming pool liner repairs, use Performix Brands® VYNA BOND. For ultimate surface to surface adhesion of vinyls and other materials, see VYNA BOND technical data sheet #2.

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**SURFACE PREPARATION:**

All surfaces to be glued must be free of all oils, dust or other foreign matter. **Lightly wipe down vinyl with alcohol and let dry.**

**USE ADEQUATE VENTILATION.**

**CAUTION-**If VLP® is smeared on vinyl, it can discolor or remove colorant from vinyl.

Directions:

1. Small tears and splits require a light bead application of VLP®. Allow 30 minutes to dry and repeat. Allow 4 hours dry time for maximum strength.
2. Long tears and splits require the vinyl to be pulled together and stitched with masking tape every 1" to 2". Apply a light bead application of VLP® to untaped areas and allow a minimum of ½ hour to dry. Carefully remove masking tape and apply a light bead application to entire repair. Allow 4 hours dry time before use or ½ hour and repeat; then allow 4 hours dry time for maximum strength.
3. For small holes: Apply a few drops of VLP® and allow to dry 1 hour before use.
4. To conceal repair, apply a small amount of VLP® to a lint free cloth and dab lightly onto dried VLP® repair until gloss is removed.
5. For large holes: Use Performix Brands® VYNA BOND.

**HINTS:**

Recommended thinners are Methyl Ethyl Ketone and THF. Allow to dry overnight whenever possible. Do not smear VLP® on colored vinyls. Apply in temperatures above 50°F. Avoid excessive air movement, heat or humidity. Always use proper ventilation and protection.