

# **HOOF-LIFE SHOE ADHESIVE & HOOF REPAIR**

## **HOOF-LIFE SHOE ADHESIVE & HOOF REPAIR**

## **INSTRUCTIONS & USAGE GUIDE**

Modern adhesive technology has developed products for industry having adhesive qualities far superior to any adhesive we encounter in our everyday lives. The Victory Racing Plate Company has taken this technology and made it available in the farrier industry to solve some age-old nagging problems with horses' feet. Quarter cracks, broken-out hoof walls and tender feet have plagued horses and their owners as well as farriers for many years. **HOOF-LIFE SHOE ADHESIVE & HOOF REPAIR** products have been introduced as a tool to assist in keeping horses sound and in top performing condition. Available in package sizes to suit almost every need, **HOOF-LIFE SHOE ADHESIVE & HOOF REPAIR** comes in two formulations – standard and swift-set. The standard formulation sets in 4 to 6 minutes after mixing and the swift-set formulation sets in 2 to 4 minutes after mixing. (Mixing times based on ambient temperature of 72 degrees Fahrenheit.)

- *Bond aluminum horseshoes without using nails!*

- *Rebuild underslung heels!*
- *Patch quarter cracks!*
- *Use to fill voids in hoof wall!*
- *Standard formula sets in 4 – 6 minutes!*
- *Available in 150 mL (5.07 oz.), 2 oz. (59.15 mL) single use jars and 420 mL (14.2 oz.) cartridges.*
- *Swift-set formula sets in 2-4 minutes!*
- *Available in 420 mL (14.2 oz.) cartridge.*

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## **HOOF-LIFE SHOE ADHESIVE**

## **& HOOF REPAIR**

### INSTRUCTIONS FOR QUARTER-CRACK REPAIR

1. Remove shoe.
2. Remove any loose or flaking hoof wall around the quarter-crack. Rasp hoof wall up to two inches on either side of quarter-crack to roughen surface
3. Using a rasp, electric powered tool or other appropriate tool, slightly enlarge the cracked area about 1/8" on each side of crack, making a small valley. This increases the surface area and provides a cleaner surface for the adhesive to hold.
4. Cut a piece of reinforcing patch (fiberglass screen, fiberglass cloth or similar material) to cover quarter-crack and adjacent hoof wall up to 1 1/2" on either side.
5. Wrap tape or bandage around coronary band to prevent adhesive from contacting this area. Clean repair area thoroughly with a fine bristle wire brush. Area must be free of loose or flaking hoof wall and dirt or dust.
6. Using protective gloves, apply pre-mixed **HOOF-LIFE SHOE ADHESIVE & HOOF**

**REPAIR** material to valley in crack, being careful to force adhesive into crack by using a brush or wooden paddle. DO NOT SEAL AREAS OF INFECTION OR ABSCESS.

7. Apply pre-mixed **HOOF LIFE SHOE ADHESIVE & HOOF REPAIR** material to hoof wall in a thin layer (1/8").
8. Saturate the reinforcing patch with **HOOF-LIFE SHOE ADHESIVE & HOOF REPAIR** material and place the reinforcing patch over the quarter-crack so that it extends 1 1/2" on either side of the quarter-crack and smooth into place.
9. Apply additional pre-mixed **HOOF-LIFE SHOE ADHESIVE & HOOF REPAIR** material over reinforcing patch and smooth to a depth of about 1/8" and feather toward edges.
10. Once **HOOF-LIFE SHOE ADHESIVE & HOOF REPAIR** has set, sand smooth and blend edge of repaired area into surrounding hoof wall.

**HELPFUL HINTS WHEN USING  
HOOF-LIFE SHOE ADHESIVE & HOOF  
REPAIR**

These products are designed for industrial use by professionals.

Always wear protective gloves.

Avoid contact with skin, eyes and mouth.

Keep out of reach of children.

Apply only to clean, dry solid surfaces.

Use in a well-ventilated area.

Store cartridges horizontally.

For best results adhesive temperature should be 70° F (21° C).

Excessive heat affects shelf life. For long term storage, store at 50° F (10° C).

Store in rear compartment of vehicle, especially in warm weather.

Keep cartridge openings free and clear of cured material.

**HOOF-LIFE SHOE  
ADHESIVE  
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**INSTRUCTIONS FOR  
PATCHING A HOOF**

1. Remove shoe.
2. Remove any loose or flaking hoof wall in and around patch area. Rasp hoof wall up to two inches around the outside edge of patch area to roughen surface.
3. Using a rasp, electric powered tool or other appropriate tool, remove all loose or flaking hoof wall within and around the patch area. Back cut good hoof wall about 1/8" deep at approximately a 30-degree angle around entire patch area if possible. This helps to lock patch in place.
4. Cut a piece of reinforcing patch (fiberglass screen, fiberglass cloth or similar material) to cover patch area and adjacent hoof wall up to 1 1/2" around entire patch area if possible.
5. Wrap tape or bandage around coronary band to prevent adhesive from contacting this area. Clean patch area and surrounding hoof wall thoroughly with a fine bristle wire brush. Area must be free of loose or flaking hoof wall and dirt or dust.
6. Wearing protective gloves, apply pre-mixed **HOOF-LIFE SHOE ADHESIVE & HOOF REPAIR** material to repair area, being careful to force adhesive into cracks and crevices by using a brush or wooden paddle. **DO NOT SEAL AREAS OF INFECTION OR ABSCESS.**
7. Apply pre-mixed **HOOF LIFE SHOE ADHESIVE & HOOF REPAIR** material to repair area in a 1/8" layer and allow to harden. Repeat 1/8" layers until patch area is even with surrounding hoof wall. Sand highest ridges to make final patch smooth. Remove sanding dust from patched area.
8. Saturate the reinforcing patch with **HOOF-LIFE SHOE ADHESIVE & HOOF REPAIR** material and place the reinforcing patch over the repaired area so that the patch extends 1" on either side of the patch area and smooth into place.
9. Apply additional pre-mixed **HOOF-LIFE SHOE ADHESIVE & HOOF REPAIR** material over reinforcing patch and smooth to a depth of about 1/8".
10. Once **HOOF-LIFE SHOE ADHESIVE & HOOF REPAIR** has set, sand smooth and blend edge of repaired area into surrounding hoof wall. If desired, nail horseshoe to hoof and clinch as usual.

**IMPORTANT:** When patching a hoof it is important to build the patch in 1/8" layers, allowing **HOOF-LIFE SHOE ADHESIVE & HOOF REPAIR** material to set. A small amount of shrinkage takes place while hardening. If the reconstruction layer is too thick, the patched area may pull on sensitive tissue in the vicinity of the reconstructed hoof and may cause discomfort to the horse.

# ***HOOF-LIFE SHOE ADHESIVE & HOOF REPAIR***

## **INSTRUCTIONS FOR APPLYING HORSESHOES WITH ADHESIVE**

1. Remove shoe, if applicable.
2. Trim and prepare the hoof as usual. Remove any loose or flaking hoof wall.
3. Prepared hoof must be kept clean and free of dust. Areas of infection or abscess must be treated. If necessary, construct a drain from affected area using a small plastic straw (hollow coffee stirrer) covered with a thin film of petroleum jelly or something similar. Remove plastic straw after repair hardens and flush drain with disinfectant solution. Thoroughly clean area to be covered by ***HOOF-LIFE SHOE ADHESIVE & HOOF REPAIR*** with a fine bristle wire brush.
4. Shape shoe as necessary and level. Be sure that fit is full. Grind hoof surface of shoe and thoroughly clean with a fine bristle wire brush. Prepared shoe must be kept clean and free of dust.
5. Using protective gloves to keep hands clean, apply a 3/16" layer of ***HOOF-LIFE SHOE ADHESIVE & HOOF REPAIR*** to the prepared shoe. Apply 1/8" layer to hoof surface.
6. Position the shoe on the hoof and press into place until about 1/8" adhesive thickness between hoof and shoe is achieved.
7. Starting about 3" from heel of shoe, smooth adhesive along hoof wall upwards from shoe to a point half way between shoe and coronary band.
8. Remove excess adhesive from sole area.
9. Wrap entire hoof (with shoe attached) in plastic wrap for stability. If using ***HOOF-LIFE SHOE ADHESIVE & HOOF REPAIR*** swift set material, the hoof can be placed on the ground 3-4 minutes from initial adhesive application. If using the standard formulation, the hoof can be placed on the ground 4-5 minutes from adhesive application. Be sure that adhesive has begun to set before placing hoof on the ground.
10. When adhesive has set, remove plastic and file or sand hoof to finish.

**Compiled by The Victory Racing Plate Company in  
conjunction with working farriers  
(revised January, 2008)**

contain oil residue and should be carefully ground using a power grinder.

- E. Be sure that cartridge openings are kept clean and free of cured material, especially small recessed cartridge openings. Cured material does not adhere to cartridge and can be easily removed with a nail.

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## **TIPS AND HINTS**

- A. For best results, use **HOOF-LIFE SHOE ADHESIVE & HOOF REPAIR** products with aluminum.
- B. Never touch prepared surfaces with bare fingers as skin oils may compromise bond.
- C. Carry a section of stall mat or some type of hoof boot to keep prepared hoof out of dust and dirt.
- D. Aluminum shoes with criss-cross or lined patterns on the flat side require extra grinding to remove any oil or dirt that may be hiding in depressions. Machined aluminum shoes may