

# APPLICATION AND SAFE HANDLING GUIDE FOR:

## KEY Epoxy Crack Filler

KEVLAR® Reinforced

THE ORIGINAL FLOOR RESTORE

KEY POLYMER CORPORATION

117 Shepard Street, Lawrence, MA 01843-1023

TEL: (978) 683-9411 • FAX: (978) 686-7729

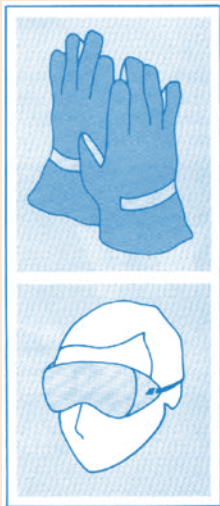
www.keypolymer.com • www.keyfloorrestore.com  
info@keypolymer.com

### SAFETY PRECAUTIONS

FLOOR RESTORE CRACK FILLER materials (Parts A and B) require no more than the usual industrial safety precautions. Follow the same good work practices as you would when using paints, finishes or adhesives, i.e.:

- Avoid contact with skin; wear gloves; wash thoroughly after use.
- Wear glasses or goggles; should material contact the eyes, receive medical attention as soon as possible.
- Provide good ventilation.
- Do not smoke or eat while using product.

Warm water and soap should be used to clean FLOOR RESTORE CRACK FILLER from skin; do not use FLOOR RESTORE Reducer.



**FOR INDUSTRIAL USE ONLY. IF YOU NEED ASSISTANCE TO ESTABLISH SAFE WORK PRACTICES FOR YOUR APPLICATION, CONSULT KEY POLYMER CUSTOMER SERVICE DEPARTMENT (978) 683-9411.**

## HOW TO USE

### WHEN TO USE

FLOOR RESTORE Epoxy CRACK FILLER Kit is used whenever a damaged floor is being prepared for full restoration with FLOOR RESTORE. The CRACK FILLER Kit is specially designed to fill deep gouges and holes that run through the trailer floor showing daylight. FLOOR RESTORE Kit can be applied immediately after application of the CRACK FILLER; no drying or curing time is necessary.

FLOOR RESTORE Epoxy CRACK FILLER can also be used alone to provide a long lasting durable repair to deep gouges, delaminations, and cracks approximately 1/4" wide. However, to take best advantage of this unique system, an overall coating of FLOOR RESTORE, which can be applied in less than one hour, is recommended. In this way, new small splits, delaminations and open grain areas will be permanently sealed providing a full restoration of the trailer floor and minimizing future repairs.

If the trailer floor is in reasonably good condition, has few large gouges and none that show daylight, the FLOOR RESTORE Kit can be used without the use of this CRACK FILLER Kit.

### CAUTION

Floor must be structurally sound-If not, floor must be "sectioned" or possibly replaced. CRACK FILLER fills gouges and delaminations. It is not a replacement for proper repair of a floor that is STRUCTURALLY unsound. Use of FLOOR RESTORE and CRACK FILLER early in the life of a trailer will minimize need for floor board replacement.

### PREPARATION

Store kit at 65°F or warmer, for at least 24 hours before applying to floor. (NOTE: Since CRACK FILLER is freeze-thaw stable, its performance and application properties will not be affected if frozen

in transit/storage-provided the components are allowed to warm to 65°F before use.)

The floor areas to be filled must be dry, clean, and free of any loose particles.

Fasten loose boards and replace missing boards. The temperature during application should be between 65°F and 80°F. Avoid applying in open sunlight.

### NEW FLOORS

To prolong the life of new wooden floors exposed to highly corrosive chemicals, including battery acid, coat with KEY GUARD FLOOR RESTORE.

### Rotted and acid-damaged floors

Rotted and acid-damaged floors are generally not sound enough to benefit from FLOOR RESTORE CRACK FILLER. Section all rotted areas and use FLOOR RESTORE CRACK FILLER in the joint to tie the section into the structural movement of the rest of the floor.

### Petroleum and bakery fleets

Steam blasting of the floor is necessary. Let wood thoroughly dry before applying FLOOR RESTORE CRACK FILLER.

### MIXING-one quart kits.

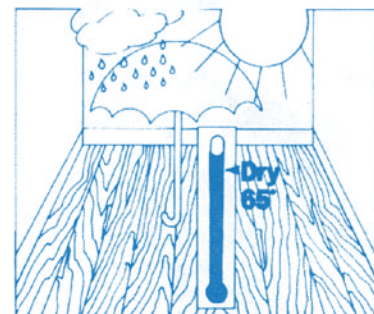
To mix CRACK FILLER, open both containers of CRACK FILLER; one part A and one part B. Pour material from part A into part B container. Then mix until the material is a uniform color. The CRACK FILLER Kit is now ready for application with a putty knife. Use within 30 minutes of mixing, or in less time on a hot day.

If you should need a smaller quantity, the material can be measured out on equal volume part A to part B. It is suggested that a coffee cup, or other device, be used for measuring. To ensure best results do not "eye-ball." Use within 30-35 minutes of mixing. Any excess can be cleaned up using commercially available solvent.



### MIXING-one gallon kits.

The kit contains 2 plastic containers. The part B container has enough room so that the contents of the part A container can be added to it. Open both containers and stir each container thoroughly. Add the contents of the part A container to the part B container. Mix until the material is a uniform color. Be sure to scrape the sides and bottom of the container several times to ensure complete mixing. The CRACK FILLER Kit is now ready for application with a putty knife. Use within 15 minutes of mixing or less time on a hot day. Not recommended for use at temperatures above 80DF.



### APPLICATION.

Use putty knife.

### DRYING.

The trailer should be kept at or above 65DF for at least 24 hours after application for proper cure. The slight tack which may remain can be removed by damp mopping. Avoid curing in open sunlight on hot days. Allow floor to dry and cure thoroughly before returning the trailer to service. (TIP: In cold weather, the use of a space heater prior to application of FLOOR RESTORE CRACK FILLER will warm the wood and facilitate penetration; after application, the heat will accelerate curing time.)

# Complete your crack repair job by overall coating with

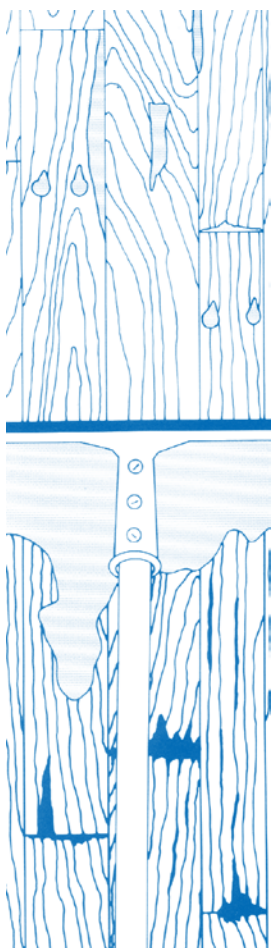
## THE ORIGINAL FLOOR RESTORE™

### RESTORES DAMAGED FLOORS. PROTECTS NEW ONES.

Key FLOOR RESTORE is an extremely flexible adhesive/sealer which restores old wood floors and protects new ones in trucks, trailers, flatbeds, and other vehicles. FLOOR RESTORE fills cracks, splits, checks—even deep gouges. It will not become brittle and crack like other floor treatment materials, such as fiberglass, synthetic wood composites, and conventional epoxies. Easy and quick to apply, the FLOOR RESTORE flexible epoxy system offers you a simple, inexpensive, and effective way to prolong the life of your vehicles and avoid floor replacement.

### REPAIRS AND PROTECTS.

FLOOR RESTORE literally relaminates and bonds wood fibers together, strengthening the floor and prolonging its life. It adheres tightly to wood of all kinds, and expands



and contracts with them. The restored floor has much higher structural strength, and its sealed surface is highly resistant to weather and water deterioration.

### PROVEN PERFORMANCE.

In one test, laminated oak treated with FLOOR RESTORE showed no deterioration after being submerged in water for 7 months. A similar untreated oak floor revealed delaminations and undercoat peeling after just 2 months of submersion.

In another test, laminated oak treated with FLOOR RESTORE had no visible signs of deterioration when exposed to 2,000 hours of ultraviolet light combined with 100% relative humidity at a temperature of 150°F. Untreated oak showed delamination after only 500 hours of exposure to this environment. Hundreds of satisfied customers and over 20,000 renewed floors testify to FLOOR RESTORE's reliability and unsurpassed performance.

### EASY APPLICATION.

One person can repair and protect an average 48 foot floor with FLOOR RESTORE in approximately 1-1 1/2 hours. While preparation procedures will vary depending upon the condition of the floor, type of cargo carried, and desired finished appearance, the actual application of FLOOR RESTORE requires no more than simple mixing, filling, and spreading with a squeegee. The average drying time is 24 hours.

### SAVES MONEY.

Except in cases of rotted or acid-damaged floors, application of FLOOR RESTORE eliminates the need for costly replacement of floor boards. With FLOOR RESTORE, you can repair and rejuvenate a damaged wood floor in the average 48 foot trailer for less than one-tenth of the cost of replacement.

### FOR INDUSTRIAL USE ONLY.

The recommendations and suggestions for the use of our materials are based on our best experience and knowledge. All products are intended for industrial use only. Seller does not accept any warranties, expressed or implied other than those contained in our Acknowledgement or in any existing written contract between the seller and buyer covering this material. The amount of excise taxes on the production, sale, delivery or transportation of material covered hereby shall be paid by the buyer. Buyer shall make an examination both as to quantity and quality of any material delivered hereunder immediately on receipt and failure of buyer to give notice of any claims within 15 days after receipt of such material shall be an unqualified acceptance of such material and a waiver by buyer of all claims with respect hereto. Buyer assumes all risk and liability for the results obtained by the use of any material delivered hereunder in manufacturing process of buyer or in combination with other substances. No claim of any kind, whether as to material delivered or for non-delivery of material, shall be greater in amount than the purchase price of the material in respect of which such claim is made.

### CONDITION OF SALE:

KP CF1001

**KEY POLYMER CORPORATION**

117 Shepard Street

Lawrence, MA 01843-1023

TEL: (978) 683-9411 • FAX: (978) 686-7729

www.keypolymer.com

www.keyfloorstore.com

info@keypolymer.com

KEVLAR® Reinforced

KEY FP100A/B

KEY Epoxy

Crack Filler



FOR WOODEN TRUCK AND TRAILER FLOORS

DURABLE • SEALS CRACKS • WON'T POP OUT!