



Toll Free: 87 PERMATEX  
(877-376-2839)

6875 Parkland Boulevard, Solon  
Ohio 44139

## Technical Data Sheet

### Permatex® Liquid Metal Filler

AAM Revised 02/19

#### PRODUCT DESCRIPTION

Permatex® Liquid Metal Filler is a ready mixed, ready to use adhesive and filler for filling and repairing metal surfaces. Liquid Steel® Filler may also be used on wood and concrete surfaces.

#### PRODUCT BENEFITS

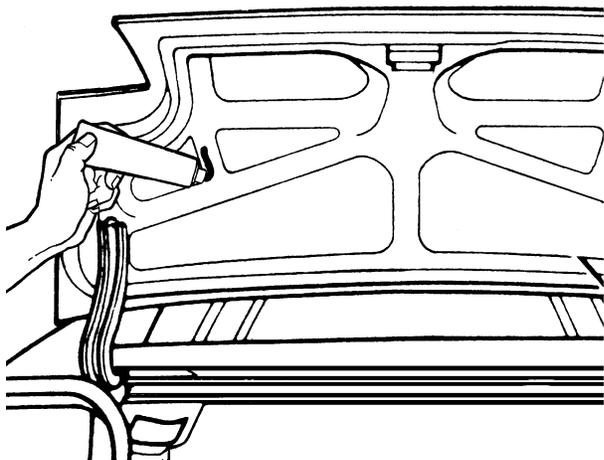
- Easy to use
- No measuring or mixing
- No heating
- Excellent adhesion to galvanized metal
- Can be drilled, filed, sanded and painted

#### TYPICAL APPLICATIONS

- Oil pans
- Transmission pans
- Stake bed holes
- Door panels
- Cast metal parts

#### DIRECTIONS FOR USE

1. Surfaces to be filled should be clean and dry before applying.
2. Roughen surfaces with sandpaper for better adhesion.
3. Apply Permatex® Liquid Metal Filler as it is supplied in the tube, leveling with a knife or spatula.



4. For filling deep holes, apply in 1/8 inch layers. Allow to dry overnight between layers.
5. Once dry, the filler may be sanded, filed, drilled and painted with enamel or lacquer.
6. The material may be burnished to give a metallic appearance.

#### For Cleanup

1. Cleanup wet or dry, use acetone or nail polish remover.
2. Clean hands with a dry cloth or Permatex® Fast Orange® hand cleaner.

#### PROPERTIES OF UNCURED MATERIALS

	Typical Value
Chemical Type	Vinyl resin
Appearance	Dark gray paste
Odor	Penetrating
Specific gravity	1.85
Viscosity	Flow is similar to syrup
Flash Point, TCC, °F	0

#### TYPICAL CURING PERFORMANCE

Permatex® Liquid Metal Filler cures with solvent evaporation. Drying time is 3 to 4 hours and full cure will take place within 24 hours.

#### GENERAL INFORMATION

**This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected for use with chlorine or other strong oxidizing materials.**

**For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).**

#### ORDERING INFORMATION

Part Number	Container Size
25909	3.5 fl. oz. tube, carded

#### STORAGE

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° to 28°C (46° to 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused product, do not return any material to its original container.

#### NOTE

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. **Permatex, Inc. specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Permatex, Inc. products and disclaims any liability for consequential or incidental damages of any kind, including lost profits.** This product may be covered by one or more United States or foreign patents or patent applications.

NOT FOR PRODUCT SPECIFICATIONS.  
THE TECHNICAL DATA CONTAINED HEREIN ARE INTENDED AS REFERENCE ONLY.  
PLEASE CONTACT PERMATEX, INC., TECHNICAL SERVICE DEPARTMENT FOR ASSISTANCE AND RECOMMENDATIONS FOR YOUR SPECIFIC APPLICATION.  
PERMATEX, INC., 6875 PARKLAND BOULEVARD, SOLON, OH 44139 PHONE - (1-87PERMATEX)