

## Galvaprep

Galvaprep is a concentrated non-flammable phosphoric-acid based coating chemical that produces a zinc phosphate coating on galvanized surfaces. The coating formed by Galvaprep becomes part of the metal surface. This zinc phosphate coating offers the best affordable substrate for both paint adhesion and underpaint corrosion resistance.

### Theoretical Solids

#### Content:

Volume: N/A

### Shelf Life\*

Single Component: 3  
years

\*For unopened product.

### Pot Life of Mixed Product:

N/A @ 77°F (25°C) and  
50% RH



### Safety

**SEE MSDS. Product is extremely corrosive.**

Operators should be equipped with rubber gloves, aprons and goggles to avoid contact with the solution. Adequate ventilation should be provided.

### Equipment

Acid-resisting (rubber, stainless steel or plastic) buckets, troughs, or other suitable containers should be used to hold the diluted Galvaprep solution. Ordinary steel pails may be used for a short period. **Galvanized containers should not be used.** If production conditions warrant, troughs may be installed to catch Galvaprep runoff for reuse.



### Mixing Procedure

1 part by volume of Galvaprep  
1 part by volume of water

### Application

Determining the size of the area to be treated in one application depends upon several factors: the method of application, condition of the surface, method in which the surface was cleaned, temperature, and surface configuration.

Galvaprep is normally applied at temperatures between 20°C (68°F) and 49°C (120°F).

Galvaprep should not be allowed to dry on the surface being treated; re-wet with fresh Galvaprep.

If drying does occur, rewet with Galvaprep several times before water rinsing.

Galvaprep should remain on the surface for two to five minutes (without ever drying out). Blistering and corrosion problems under paint are often the result of poor rinsing. Chemical salts trapped under a paint film will eventually result in blistering or corrosion.

Often, sheet galvanized is chemically treated or passivated. This corrosion resisting treatment inhibits chemicals from reacting with or paint from adhering to the galvanized surface. When treating a passivated surface apply Galvaprep with an abrasive pad. The pad will abrade through the passivation treatment and allow Galvaprep to react with the galvanized metal.

## Galvaprep

Galvaprep is a concentrated non-flammable phosphoric-acid based coating chemical that produces a zinc phosphate coating on galvanized surfaces. The coating formed by Galvaprep becomes part of the metal surface. This zinc phosphate coating offers the best affordable substrate for both paint adhesion and underpaint corrosion resistance.

### Theoretical Solids

#### Content:

Volume: N/A

### Shelf Life\*

Single Component: 3  
years

\*For unopened product.

### Pot Life of Mixed

#### Product:

N/A @ 77°F (25°C) and  
50% RH

1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Blushing or yellowing may result from applying Metal Prep or Galvaprep to steel. This does not affect the quality of the treatment.

Applying a zinc phosphate coating may result in powdering (a fine film of powder residue on the surface). This powder may affect paint adhesion. After the surface has completely dried, gently wipe and remove the powder with a clean, dry rag. Avoid contaminating the treated surface.

To decrease dry time - blow dry with clean, compressed air or gently wipe with a dry, clean rag. Apply paint products as soon as possible after the surface is dry in order to prevent contamination and oxidation of the treated surface.

### Application Procedure

Step # 1: Apply Metal Prep - refer to Metal Prep Data Sheet

Step # 2: Rinse thoroughly with water

Step # 3: Apply diluted Galvaprep

Step # 4: Allow the chemical to react

Step # 5: Rinse thoroughly with water

Step # 6: Dry

The surface is now ready to paint.

### Storage

Galvaprep coating chemical will freeze at -17.8°C (0°F). Do not allow the product to freeze. If the product freezes, thaw it in a warm environment and stir before using.