**Description**

Semco® Pasa-Jell 105 and 105-M are blends of acids, activators, and inhibitors designed to provide a balanced ratio of compounds to maintain the effectiveness of etch rate.

Semco® Pasa-Jell 105 is inorganically thickened to permit application in localized areas. Semco® Pasa-Jell 105-M does not contain the inorganic thickener permitting immersion of large surfaces.

Improvement of bond strength is based on surface activation which provides a receptive surface for adhesion.

Semco® Pasa-Jell 105 and 105-M chemically clean and activate the surface to provide improved chemical bonding of the adhesive.

The etch life of Semco® Pasa-Jell 105 and 105-M is approximately 500 to 1,000 square feet of surface per gallon.

**Use**

To improve the metal bond adhesions of aluminum alloy.

**Physical properties (typical)**

- **Color** Red
- **Weight per quart**
  - Semco® Pasa-Jell 105: 3 lbs.
  - Semco® Pasa-Jell 105-M: 3 lbs.
- **Consistency**
  - Semco® Pasa-Jell 105: Thixotropic gel
  - Semco® Pasa-Jell 105-M: Liquid

**Application**

For optimum results, the surface should be degreased with a solvent followed by either a wet or, preferably, a dry blast with a fine grit of 250 or 320 aluminum oxide to remove all corrosion products and to condition the metal surface before application of the Semco® Pasa-Jell product. Where blasting is not practical, the surface can be sanded lightly with aluminum oxide coated abrasives.

Apply a layer of Semco® Pasa-Jell 105 to localized areas with a polyethylene, polypropylene or fluorocarbon bristle brush immediately following the abrasive treatment and allow it to stand for about 15 minutes. The Semco® Pasa-Jell product should then be rinsed off with cool tap water and allowed to dry at room temperature.

For immersion treatment of large metal surfaces, use Semco® Pasa-Jell 105-M in tanks.

**Note:** Tank linings for Semco® Pasa-Jell products should be made of polyethylene or unplasticized polyvinyl chloride.

It is important that the part and the Semco® Pasa-Jell 105-M tank solution be held below a temperature of 100° F. This also applies to any tap water rinsing. Treated parts should be dried with cool air prior to priming.

The time limit for the application of primer after rinsing should be held to a minimum, preferably not in excess of one hour, because there is a decay rate of the surface activity. The maximum benefit can be derived by priming the surface soon after the Semco® Pasa-Jell treatment.

**Storage**

Semco® Pasa-Jell 105 and 105-M have a storage life of one year without significant loss of activity when stored in a cool, dry area in the original, unopened containers.
**Semco® Pasa-Jell 105 and 105M**

**Health Precautions**

This product is safe to use and apply when recommended precautions are followed. Before using this product, read and understand the Material Safety Data Sheet (MSDS), which provides information on health, physical and environmental hazards, handling precautions and first aid recommendations. An MSDS is available on request. Avoid overexposure. Obtain medical care in case of extreme overexposure.

**For industrial use only. Keep away from children.**

Additional information can be found at: www.semcopackaging.com

For sales and ordering information call 1-800-AEROMIX (237-6649).