

# TECHNICAL DATA

## Semco® Pasa-Jell 101

### Description

Semco® Pasa-Jell 101 is a blend of mineral acids, activators, and inhibitors.

Semco® Pasa-Jell 101 is designed to clean and passivate stainless steel that has started to corrode. It is convenient to use in field passivations because stainless steel equipment can be passivated without disassembling.

Semco® Pasa-Jell 101 accomplish the passivation of stainless steel by removing foreign materials and corrosion products that could set up local cells and cause pitting corrosion, and by forming an extremely thin but corrosion-resistant adherent oxide film on the metal.

Semco® Pasa-Jell 101 can also be used to remove anodized coatings from aluminum.

Its consistency is such that it can be used for soft-stripping of anodized coatings, thus eliminating the need to mask areas to be welded when large aluminum sheets are to be anodized.

### Use

- For cleaning and passivation of stainless steel
- For removal of anodized coatings from aluminum

### Physical properties (typical)

Color	White (translucent)
Weight per quart	3 lbs.
Consistency	Thixotropic gel

### Purchasing data

Product designation: When ordering this product designate Semco® Pasa-Jell 101.

### Standard packaging

Designation	Container
Quart	Plastic bottle

### Shipping classification

Corrosive Liquid, N.O.S. UN 3264.

Special shipping instructions

Class 8 - Corrosive label required.

### Application

Remove oil or grease by wiping the area with an oil-free solvent (do not use reclaimed solvents) or by other effective methods. Allow the surface to dry. Apply Semco® Pasa-Jell 101 in a thick layer with a polyethylene, polypropylene, or fluorocarbon bristle brush. The coating should not be so thick that it will sag or run. Allow the coating to set for 5 to 10 minutes, then rinse with cool tap water. Allow the surface to dry.

The time required to remove anodized coatings will vary somewhat with the thickness, type, and age of the coating. Heavy corrosion or old, thick anodized coatings may require a second application of Semco® Pasa-Jell 101.

On copper bearing aluminum alloys, a dark smut may result if Semco® Pasa-Jell 101 is left on the surface too long. This smut can be easily removed with a reapplication of Semco® Pasa-Jell 101, which should then be removed as soon as the smut disappears.

### Storage

Semco® Pasa-Jell 101 has a storage life of one year without significant loss of activity when stored in a cool, dry area in the original, unopened containers.

### 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.bergdahl.com](http://www.bergdahl.com)

**For sales and ordering information call**  
**+1 775 323-7542.**

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