



TECHNICAL DATA

Semco® Pasa-Jell Products

For the treatment of metal surfaces

Description

Semco® Pasa-Jell products are designed for the treatment of metal surfaces. They are proprietary compounds based on a mixture of mineral acids, activators and inhibitors. Some are inorganically thickened to permit application in localized areas and on vertical or overhead surfaces.

Designed for field use, the equipment to which Semco® Pasa-Jell products are applied need not be disassembled. For shop use, the need for large processing tanks and a large volume of acid is eliminated.

Semco® Pasa-Jell products are thixotropic and gel upon standing. Shaking the bottle will permit the liquid to be easily poured and brush applied. The liquid will revert to a gel upon standing. This permits application to vertical or overhead surfaces.

The ability to control the area being treated saves both time and material. For example, the areas adjacent to the edges that will be treated with Semco® Pasa-Jell, prior to welding, need not be masked.

An M designation means that version contains no inorganic thickener. The resultant low viscosity is ideal for immersion treatment of large metal parts in tanks.

Each Semco® Pasa-Jell product is designed for a specific purpose such as passivation, preparation for metal bonding, removal of corrosion or surface clean-up.

Storage

Semco® Pasa-Jell products are non-flammable and have a shelf life of one year without significant loss of activity.

For more detailed information, please refer to the individual Semco® Pasa-Jell product technical data sheet.

Product Listing

Semco® Pasa-Jell 101: For use on corrosion resistant steel, aluminum and aluminum alloys.

Semco® Pasa-Jell 102: For cleaning and passivating aluminum and aluminum alloy.

Semco® Pasa-Jell 105 & 105-M: Developed specifically to improve metal bond adhesion of aluminum.

Semco® Pasa-Jell 107 & 107-M: Designed to improve metal bond adhesions of titanium alloys.

Product Identity

Semco® Pasa-Jell 101

For use on corrosion resistant steel, aluminum and aluminum alloys. Developed specifically for clean-up and passivation of stainless steel and stripping anodize from aluminum. Contains chemically combined fluorides for faster action—no free fluorine or fluoride ions.

Semco® Pasa-Jell 102

For use on aluminum and aluminum alloy. Does not contain fluoride and hence, does not act as quickly as Semco® Pasa-Jell 101. Used specifically for cleaning and passivating aluminum.

Semco® Pasa-Jell 105 and 105-M

Developed specifically to improve metal bond adhesion of aluminum. The increase in bond strength is highly dependent on the adhesive being used. Best results can be obtained by treating the metal surface with either a wet or dry blast of fine grit aluminum oxide before applying Semco® Pasa-Jell.

Semco® Pasa-Jell 107 and 107-M

Designed to improve metal bond adhesion of titanium. The degree of bond improvement is highly dependent upon the adhesive system being used. Best results can be obtained by treating the metal surface with either a wet or dry blast of fine grit aluminum oxide before applying Semco® Pasa-Jell.

Semco® Pasa-Jell Products

Product Application

For application details, consult your material and process engineer and refer to the individual Semco® Pasa-Jell product technical data sheet. For additional information, contact PRC-DeSoto International.

Caution

Avoid contact with skin. If acid accidentally contacts the body, thoroughly wash the affected area with water. Use eye protection at all times. Refer to the individual product material safety data sheet for more detailed safety and health precautions.

Packaging

All Semco® Pasa-Jell products are packaged in quart containers.

Shipping Classification for all Semco® Pasa-Jell products

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

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).**

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