

Pickling Gel 122

Pickling gel for use and storage in warmer climates

Avesta Pickling Gel 122 is more free-flowing than a pickling paste to facilitate the application and to give a high coverage. It can hence be used to clean with a good result.

Standard applications

This gel is universal and specifically intended for standard brush pickling of weld seams and smaller surfaces of all stainless steel grades.

Features

- Restores damaged stainless steel surfaces such as weld seams, by removing weld oxides, the underlying chromium-depleted layer and other defects that may cause local corrosion.
- Improved pickling result, offers a brighter surface with less discolouration than classic products.
- The transparent gel consistency gives good adhesion to the stainless steel surface.
- Can be used and stored in warmer climates (the gel is heat-stable up to +45 °C).



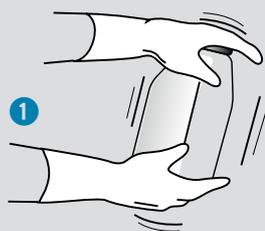
Avesta Pickling Gel 122 is easy to apply thanks to its free-flowing consistency.



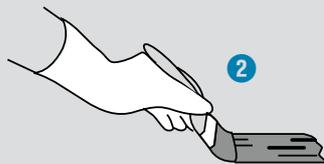
Avesta Pickling Gel 122 is intended for brush pickling of welds and surfaces.



Instructions for use



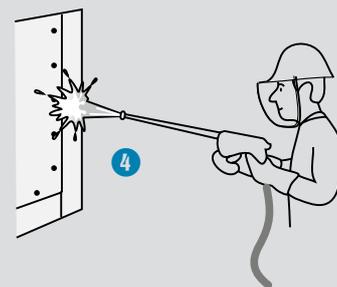
1. Stir or shake the paste before use.



2. Apply the paste with an acid-resistant brush.



3. Leave the paste to work 30 min to 4 hours (depending on temperature and steel grade). The temperature of the workpiece should always be higher than +5 °C.



4. Remove pickling residues by using a high-pressure water jet, or with a stain-less steel brush and then rinse with water. The waste water should be treated before discharge.

Packaging

Avesta Pickling Gel 122 is supplied in a 2.4 kg polyethylene container supplied in a 4-pack cardboard box, and a 12 kg polyethylene container.

All packing material follows the UN regulations for hazardous goods.

Storage

Avesta Pickling Gel 122 should be stored indoors at room temperature. Containers must be kept properly closed, in an upright position and inaccessible to unauthorized persons.

The product is perishable and should not be kept in storage longer than necessary. It has a maximum shelf life of two years when stored at room temperature. Exposure to higher temperatures (> 45 °C) may damage the product and reduce the shelf life.

Worker safety

Avesta First Aid Spray 910 (available only on some markets) or Hexafluorine® should be readily available to all who work with pickling to use as a first rinse to decontaminate small acid splashes of pickling paste, followed by Calcium Gluconate Gel or Solution to be used as a first aid to treat the HF acid burn.

Protective clothing. In general, users should wear acid-resistant overalls, gloves and rubber boots. Face visor should be used and, if necessary, suitable respiratory protective devices.

Special conditions may apply from one country to another. Consult our website where updated Safety Data Sheets can be found.

Waste treatment

The waste water produced when pickling contains acids and should be treated with Avesta Neutraliser 502 or with slaked lime to a pH-value of 7–10 before discharge.

Heavy metals from stainless steel are precipitated as a sludge, and should be sent for deposition according to local regulations.

Empty containers (HDPE) must be cleaned and can then be recycled according to local regulations.

Other information

For more information, please visit our website: www.avestafinishing.com, where you can find Safety Data Sheets and other useful information.



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