

PRODUCT DATA SHEET

TACAB Pickling Spray Standard

DESCRIPTION

Pickling spray is used for simultaneous pickling of welding joints and free surfaces for larger welded stainless steel constructions. The pickling spray is applied by spraying with a membrane pump. After pickling and ample rinsing with high pressure fresh water with low the corrosive resistance is restored in the welded area.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: colorless gel-like liquid
 Odor: Pungent
 PH Value: <1,5 (10 g/l)
 Solubility: Fully soluble and miscible
 Concentration: Nitric acid: 15-25%
 Hydrofluoric acid: 5-8%

CHARACTERISTICS

Has a gel-like, homogenous consistency with extraordinary good adhesive capacity and can be applied on vertical surfaces and ceilings without any risk of running or drying.

ADVANTAGES

- ❖ Restores the Stainless steel's original resistance to corrosion.
- ❖ Gives a bright surface clean from oxides and discolorations.
- ❖ Efficient and economical.

AREAS OF USE

Use to remove stains and rust.
 Use to remove welding oxides.
 Use to restore the passivity layer (restores the material's original stainless properties).

DIRECTION FOR USE

1. Remove as much slag, oxide and weld defects as possible. We recommend a stainless-steel wire brush. It is considerably easier when the weld is still warm, and the welding oxide is not so hard. If necessary, wash off dirt, oil, grease and paint which could impede the pickling process.
2. Let the weld cool to room temperature (or not more than 40°C).
3. If necessary, clean again to remove dirt, oil, grease, paint and tape residue (use alkaline degreaser).
4. Shake TACAB Pickling solution well before use, to mix the solution thoroughly in the can.
5. Apply the pickling solution with an acid-resistant pump. Apply an even layer on the surface. Preferably two layers on the welds. Pickling time is depending on steel grades and temperature. Operating times at 20 ° C (tig weld):
 35-70 minutes for stainless steel grades
 45-120 minutes for acid resistant steel grades.
 90-120 minutes for duplex.
 Do not let the solution dry before washing it off, there is a risk of discoloration of the steel.
6. Then flush with a generous amount of water (high pressure). Use drinking water quality with low chloride content, preferably below 50 ppm. It is very important that no residues remain after treatment. Remaining acid residues can give rise to corrosion.
7. Leave the pickled detail to air dry in a protected environment for at least 3 hours. Preferably overnight (to allow the passivated layer to be re-formed).



PRODUCT DATA SHEET**PACKAGE SIZES**

Can - 25 kg.
Barrel - 200 kg.
IBC - 1000 L (1250 kg)

DURABILITY

The shelf life of unopened TACAB pickling products is 3 years.
1 year for opened packaging.

TRANSPORT INFORMATION

Dangerous goods. UN 2922,
UN proper shipping name: Corrosive liquid, toxic, n.o.s. (hydrofluoric acid, nitric acid)
Transport hazard class(es): 8(6.1)
Packing group: II

SAFETY PRECAUTIONS**PERSONAL SAFETY**

Full protective mask must be used as the product is classified as toxic. The protective mask must be fitted with a type B (gray) respiratory filter and a P2 particle filter. Pickling products can cause severe burns on skin contact. This is avoided by using acid-proof overalls, gloves and boots. For more information see the product's safety data sheet.
Hexafluorine (first aid product) should be present in the workplace.

STORAGE

TACAB pickling products should be stored indoors at room temperature. They should be kept standing and closed.
Storage should be done in a limited area and inaccessible to unauthorized persons.

WASTE DISPOSAL

Waste and residues of this product (including neutralized residues when containing heavy metals) and contaminated packaging must be taken care of as hazardous waste.
Remains must not be released into sewers or watercourses or into the environment (for more information see the product's safety data sheet). Consult local authorities for information on waste management.