

## Antox<sup>®</sup> NP

Neutralizing Paste

A Product of the Chemetall Group

### Field of Application

Neutralizes very acidic stainless steel pickling pastes containing hydrofluoric acid.

### Working Tools

- Antox pickling brushes of acid-resistant materials for repeated use or
- Antox disposable brushes of synthetic materials (see separate working tools list).

### Application and Procedure

Before commencing work, safety precautions must be observed and protective equipment made use of.

*Antox NP* is to be stirred with a plastic or wood stirrer before use, or shaken briefly.

After the pickling process, Antox NP is applied with the brush onto the areas treated with the stainless steel pickling pastes (e.g. Antox 71 E) and mixed well with the residues of the pickling paste. The reaction time should be observed.

Upon completion, the processed surface is to be rinsed under cold water, using a high pressure water jet appliance (at a pressure of at least 120 bar). The rinsing effect can be improved and enhanced by employing plastic or stainless steel wire brushes.

### Reaction Time Periods

Neutralization has ended when no more bubbles are seen to be formed.

The optimal application temperature is around 18 - 22 °C. Work routines should be avoided in direct sunlight (due to hazard of premature drying).

### Yield

Sufficient neutralization requires roughly the same quantity of Antox NP (1 kg = approx. 50 - 80 running meters) as stainless steel pickling paste applied for pickling.

## **Notes on hazards and suggestions for safety precautions**

*Antox NP* is mildly alkaline.

Please observe the detailed information given in the German DIN Standard "SIDA" safety data sheet.

These products should not be accessible to children. For commercial and industrial use only.

## **Disposal of Waste**

Neither *Antox NP* nor the rinsing water may be disposed of in the public sewers in an untreated state. The waste water is neutral, but contains alloy residue solids from the treated metal. Appropriate treatment should be carried out in a suitable neutralisation plant or disposal undertaken via a licensed waste disposal enterprise. The local waste water regulations are to be observed.