



Kytex Solutions, Inc.  
Research • Development • Manufacturer

## Pickling Paste # 316

for

(Stainless Steel)

*Pickling paste #316* is a unique chemical compound to remove heat tint, weld –discoloration, oxide scale and rust from all series of *stainless steel, nickel, and copper-nickel alloys*. This product works at room temperature and it renders a uniform *passivated* surface.

### Advantages:

- Does not contain chlorides or sulfuric acid, therefore there is no risk of corrosive damage to the steel.
- Does not contain abrasives, therefore no rubbing is involved and there is no change to the surface finish.
- Due to its passivating properties, there is no post-rusting of pieces when they are treated with *Pickling paste #316*.

### Properties:

- |                         |                                |
|-------------------------|--------------------------------|
| • Appearance & odor:    | Gel consistency with acid odor |
| • Solubility in water : | Soluble                        |
| • PH of 1% solution:    | 1-2                            |

### Application Method:

1. Stir the product with plastic spatula or knife, apply the paste to welded area with brush or plastic knife (spatula). **Reaction time is 5-10 minutes**, depending on steel grade and severity of oxidation. **Most of the time less than 5 minutes contact time will be sufficient**, specially if the surface is polished stainless steel and needed to be preserved as polished, longer contact time will remove the polished surface finish.
2. Rinse with plenty of water. Pickling Paste can be neutralized on the work piece with *Kytex Neutralize 408* before rinsing with water. Some agitation with brush while rinsing will enhance the removal of heavy discoloration.

### Safety:

This product contains mineral acids. Avoid contact with the skin and eyes. Wear rubber gloves, goggles. Use adequate ventilation. Refer to MSDS for first aide and details.