TECHNICAL DATA SHEET (TDS) AND INSTRUCTIONS FOR USE

METOX W-2000

Weld Cleaning Paste

Pickling paste for stainless steel welds

Product Description

Metox W-2000® is a pickling paste used to remove weld burns, stains caused by heat damage and layers that damage the chromium and lead to local corrosion from stainless steel surfaces, giving the metal a passive and attractive appearance. Suitable for AISI 304, 316, 321 and their derivatives.

The paste form allows the product to stay on vertical and overhead surfaces without running; it is the most practical product for spot application on weld seams.

Features and Benefits

- **Spot application:** Cleans only the weld area without treating the whole surface.
- **Non-drip:** Stays on vertical and overhead surfaces.
- **Passive, attractive finish:** Removes weld burns and heat stains and gives the surface a passive appearance.
- **Economical consumption:** 150–250 m of weld seam is cleaned with 1 kg of product.



2 kg package

Packaging

Metox W-2000® is supplied in 2 kg and 30 kg packages.

Storage

- Metox W-2000® has a shelf life of 1 year when stored under suitable conditions.
- Avoid high temperatures and direct sunlight.

Areas of Use

- Stainless steel weld seams (TIG, MIG, electrode)
- Vertical and overhead welds
- Spot cleaning in tank, pipe and equipment fabrication

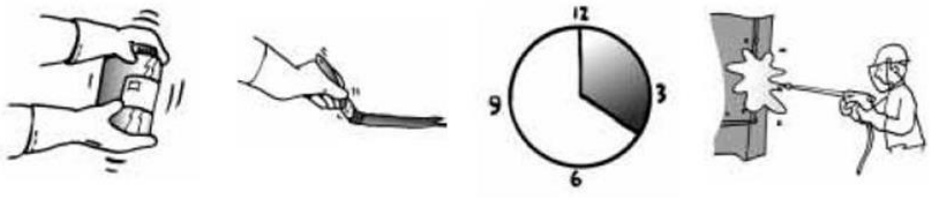
AKEM KİMYA SAN. ve TİC. LTD. ŞTİ. | T: +90 212 222 37 52 | E: info@akemkimya.com.tr | www.akemkimya.com.tr
Head Office: Halil Rıfat Paşa Mah. Perpa Tic. Mrkz. B blok Kat:13 No:2442 Şişli / İstanbul, Türkiye
Warehouse: İkitelli OSB Atatürk Oto Sanayi Sitesi 5. Sokak No:118 Başakşehir / İstanbul, Türkiye

Technical Properties

Property	Value
Product type	Weld cleaning (pickling) paste
Appearance	White paste
Odour	Pungent, acidic
pH	< 2
Viscosity	Thixotropic
Flash point	Not applicable (non-flammable)
Consumption	150 – 250 m/kg
Reaction time	15 – 60 minutes
Application temperature	Above +10 °C
Suitable steels	AISI 304, 316, 321 and derivatives
Shelf life	1 year

Instructions for Use

Metox W-2000® is applied to the weld area with a brush; after application the surface is rinsed with plenty of water at 100–150 bar. A stainless steel wire brush or scotch pad is recommended to assist the pickling process.



1. Mix and shake METOX W-2000® before use.
2. Apply METOX W-2000® to the weld area with a brush.
3. Leave for 15 to 60 minutes (depending on temperature, steel grade and type of contamination). The temperature of the working area must be above +10 °C.
4. After pickling, remove paste residues with a high-pressure water jet or a stainless steel brush and finally clean with water. Waste water must be treated before disposal.

CAUTION! During application, acid-protective clothing must be worn and a protective mask, goggles and gloves must be used.





Waste Treatment

- The rinse water is acidic and must not be discharged directly; after rinsing, neutralise with Metox N-3000 and dispose of in accordance with local regulations.
- Empty containers (HDPE) should be cleaned and can then be recycled in accordance with local regulations.