TECHNICAL DATA SHEET (TDS) AND INSTRUCTIONS FOR USE

METOX AS-05

Anti-Spatter Liquid

Water-based liquid that prevents weld spatter from sticking to the surface

Product Description

Metox AS-05 is an effective anti-spatter agent that prevents hot weld spatter from adhering to the surface during welding. It provides excellent protection on stainless steel, carbon steel, galvanised steel and all other metal surfaces; when applied to the area to be welded, spatter does not stick and can be removed with a simple brush.

It is a biodegradable, environmentally friendly product and contains no silicone or ozone-depleting chemicals. It has no inhibiting effect on painting or coating carried out after welding. It is water-based and non-flammable.

Features and Benefits

- **Aerosol-free:** 100 % liquid.
- **Non-flammable and odourless:** Provides a safe working environment.
- **Paintable:** Does not hinder painting and coating after welding.
- **Silicone-free:** Contains no ozone-depleting chemicals.
- **Wide compatibility:** Used on stainless steel, carbon steel, galvanised steel and other metal surfaces.



30 kg drum and 1,000 kg IBC

Packaging

Metox AS-05 is supplied in 30 kg plastic drums and 1,000 kg IBC containers.

Storage

- Metox AS-05 should be stored indoors at room temperature. Containers must be kept tightly closed, upright and out of reach of unauthorised persons.
- As settling may occur during storage, the product must be mixed before use; it should not be stored longer than necessary.
- When stored at room temperature, the maximum shelf life is two years. Exposure to higher temperatures (>35 °C) may damage the product and shorten its shelf life.

Areas of Use

- Stainless steel, carbon steel and galvanised steel welding
- Protection of surfaces and torch nozzles before welding
- Welded parts to be painted or coated

Technical Properties

Property	Value
Product type	Anti-spatter liquid
Appearance	Clear liquid, blue
Odour	Slight
Relative density	1.06
pH	6.5 – 7.5 (ASTM E70)
Freezing point	≈ –25 °C
Flash point	227 °C (Cleveland open cup)
Solubility in water	Miscible
Shelf life	Max. 2 years at room temperature

Instructions for Use

Metox AS-05 is applied to the area to be welded by spraying, brushing or dipping.

1. Shake the product before use.
2. Apply a thin, uniform layer to the area to be welded by spraying, brushing or dipping.
3. The product can also be applied to the torch nozzle.
4. Welding can start immediately after application without waiting for the product to dry. After welding, spatter is easily removed with a brush.

Waste Treatment

- Empty containers (HDPE) should be cleaned and can then be recycled in accordance with local regulations.