

1. Product Description

High-strength, oil-based anti-spatter specifically designed for robotic cells and automated production lines
Spot welding (electrowelding). Its low-viscosity formula ensures uniform application through automatic nozzles.
without clogging injection systems. It works by creating an ultra-thin, thermally stable film that repels spray.
molten metal, protecting both the sheet and the tips of the electrodes and the robot arms.

2. Typical physicochemical properties

Appearance and color	Translucent liquid, light amber in color.
Chemical base	Mineral oils, silicone-free.
Relative density (20 C)	0.85 – 0.89
Smell	Characteristic of low intensity
Goo	Low, < 20cSt at 40°C (Suitable for automatic micro-spraying)
Flashpoint	>180°C (High operational safety, non-flammable, combustible).
Silicone content	0% (zero pollutants)
Solubility	Soluble in organic solvents and alkaline degreasers.

3. Instructions for use

Dilution	Ready to use. (No prior dilution required).
Application	Fill the robot's spray system tank, program cycles of direct micro-shots towards the electrode tips or the clamping area (jaws).
Dosage	A fine atomized application is recommended; avoid puddles to prevent excessive fumes.
Post-processing	Cleaning oil, grease or metallic micro-projections in washing systems with alkaline detergent.
Frequency	Reapply in each cycle or according to the validation of the process in the plant.

4. Compatibility

- Metals: carbon steel, galvanized steel, high-strength alloys, and stainless steel.
- Processes: electrowelding (spot welding).
- Finishes: Highly compatible with subsequent liquid, powder, and e-coat painting processes. (Basic washing required beforehand).

5. Safety, storage and shelf life

- Consult the safety data sheet (SDS) before use. Use PPE in accordance with NOM-017-STPS.
- Store between 5 and 35 °C in a sealed container, indoors. Protect from direct sunlight.
- Shelf life: 12 months from the date of manufacture in the original sealed packaging.
- Presentations: 20 L container, 200 L drum, 1,000 L tote.

6. SGA Pictogram

