

1. Product Description

SPARK-GEL, a silicone- and chlorinated solvent-free anti-spatter protector, creates a high-temperature resistant lubricating film, preventing molten weld spatter from adhering to torch components. Its consistency allows for manual application to parts requiring long MIG/MAG weld beads. It does not generate toxic fumes, is biodegradable, and does not interfere with subsequent painting or electroplating processes.

2. Typical physicochemical properties

Appearance and color	Clear amber-colored gel
Chemical base	Silicone-free aqueous solution.
Relative density (20 C)	1.0
pH (direct)	8 - 9
Goo	Fluid gel
Smell	Characteristic
VOC	0.5% by weight
Water solubility	Complete

3. Instructions for use

Dilution	Ready-to-use product.
Application	Nozzle: Manual immersion directly into the product, prior to the welding cycle. Piece: Manual application using brushes on the pieces to be welded.
Dosage	Manual application.
Post-processing	Gently tap the torch against a wooden surface or use a MIG clamp; the slag will fall off easily. Remove the slag from the workpiece using a brush, compressed air, or a chisel.
Frequency	Every time you notice that the protective layer has evaporated.

4. Compatibility

Metals: Copper, bronze, and brass for the nozzle; carbon steel for parts. Processes: MIG/MAG manual welding. Does not interfere with the arc or contaminate the shielding gas. Finishes: Compatible with subsequent processes such as painting and electroplating.

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.
Available in: 400 ML jar, 4 L bucket and 19 L bucket

6. SGA Pictogram

