

Technical Datasheet



Trade name : E-WELD Gel
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Description

E-WELD Gel is an odorless, economic nozzle lubricant made of highly pure, light-coloured fats that guarantee maximum cleanliness and a pleasant working atmosphere. It builds a protective film on the flow and gas nozzles, thus preventing the burning-in effect of weld spatter. This means prophylactic protection against short circuits and gas shortages due to burn-in spatter. Highly versatile for the protection of nozzles when welding, e.g. in vehicle construction, extraordinary construction, steelwork, container- and boiler construction, crane construction, automotive- and supply industry and other metalworking enterprises. No abrasive substances, solvent- and silicone-free, lengthens the life span of the welding nozzles – saves costs and is economic in use – high yield. TIP: E-WELD Gel also protects the welder's apron and gloves as well as the safety boots from weld spatter.

Chemical characterisation

Separating agent for weld nozzles.

Classification according to Regulation (EC) No.1272/2008 [CLP]

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Transport information

ADR : -

Water hazard class (Classification according to VwVwS)

Water hazard class : 1 (Slightly hazardous to water)

Labelling for contents according to regulation (EC) No. 648/2004

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Safety equipment

Eye / Face protection:	suitable safety goggles acc. EN 166	In case of splash
Hand protection:	suitable gloves type EN 374	In case of possible or enduring skin contact
Respiratory protection:	Combination filtering device DIN EN 14387	In case of exceeding exposure limit values

Application

Dip in the welding nozzle into E-WELD Gel and start welding as usual. Repeat the process if necessary.
Apply E-WELD Gel to the surface, which needs to be protected, with e.g. a cloth or brush.

Technical data

Appearance :	pasty	Melting point :	51 °C
Colour :	white	Ignition temperature :	not available
Odour :	characteristic	Upper explosion limit :	6.5 %
Boiling temperature :	not available	pH-value (10 g/l) :	not applicable
Flash point :	204 °C	VOC (CH) :	0 Wt %
Lower explosion limit :	0.6 %		
Density (20 °C) :	0.85 g/cm ³		
VOC (EG) :	0 Wt %		

Storage

Keep container tightly closed. Keep/store only in original container. Protect against sub-zero temperatures. Optimized storage temperature is between 2 °C up to 35 °C. The product is storable in closed original packaging for at least 12 months. Starting date is the date of production.

Storage class (acc. TRGS 510): 11

Disposal advices

The waste codes are recommendations based on the schedule use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances.

Waste code acc. EWC/AVV for unused product		Waste code acc. EWC/AVV for packaging	
12 01 12	wastes from shaping and surface treatment of metals and plastics – spent waxes and fats	15 01 02	plastic packaging
		15 01 04	metal packaging

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

Order information

D20006 200 g tin – TU: 12 x 200 g (1 box)
D01006 10 l pail