

Technical Datasheet



Trade name : E-WELD Nozzle
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Description

By using bio-chem E-WELD Nozzle, a continuous work-flow of up to eight hours can be achieved. The E-WELD Nozzle layer is durable and grants economically, uninterrupted MIG/MAG welding. The nozzle and contact tube are protected reliably against spatters even at high temperatures and amperage. bio-chem E-WELD Nozzle expands the durability of welding nozzles, expensive changes are reduced to a minimum – the efficiency of the welding-process is increased.

Chemical characterisation

Welding protection spray on ceramic basis.

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

Aerosol 1 ; H222 - Entzündbare Aerosole : Kategorie 1 ; Extrem entzündbares Aerosol.
Aerosol 1 ; H229 - Entzündbare Aerosole : Kategorie 1 ; Behälter steht unter Druck: Kann bei Erwärmung bersten.
Eye Irrit. 2 ; H319 - Schwere Augenschädigung/-reizung : Kategorie 2A ; Verursacht schwere Augenreizung.
STOT SE 3 ; H336 - Spezifische Zielorgan-Toxizität bei einmaliger Exposition : Kategorie 3 ; Kann Schläfrigkeit und Benommenheit verursachen.

Transport information

ADR : UN1950 - Aerosols

Water hazard class (Classification according to AwSV)

Water hazard class : 1 (Slightly hazardous to water)

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

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	Necessary at exceeding exposure limit values

Application

Shake bio-chem E_WELD Nozzle well before using. For application just push the nozzle into the contained Task Pro Sprayer and hold for 2 seconds. The applies E-WELD Nozzle layer lasts up to 8 hours and can be used in MIG and MAG-torches. While applying E-WELD Nozzle, make sure that the inert gas flow is not affected.

Technical data

Appearance :	Aerosol		
Colour :	white		
Odour :	characteristic		
Boiling temperature :	Not measured	Solidifying temperature :	< 0 °C
Flash point :	< -100°C	Ignition temperature :	410 °C
Lower explosion limit :	1 %	Upper explosion limit :	6 %
Density (20 °C) :	0,8 – 0,9 g/cm ³	pH-value :	not applicable
VOC (EG) :	88 Wt %	VOC (CH) :	88 Wt %

Storage

Keep container tightly closed. Keep/store only in original container. Protect against sub-zero temperatures and temperatures above 50 °C. 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): 2B

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	
16 05 04*	gases in pressure containers (including hal- ons) containing dangerous substances.	15 01 04	metallic packaging
		15 01 01	paper and cardboard 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

D40017 400 ml Aerosol Spraycan – TU: 6 x 500 ml (1 box)