

Technical Datasheet



Trade name : E-WELD 2
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Description

Bio-chem E-Weld 2 is based on nature-identical ingredients, prevents weld spatter from sticking to the surface and guarantees optimal welding. Features good temporary corrosion protection, effective in dry and wet state. Odorless, solvent- and silicone-free, galvanizing and varnishing possible after welding without any problems. Excellent wetting properties – a thin coating features excellent separation properties.

Chemical characterisation

Welding Protection Spray based on high-temperature substances with special emulsifier.

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

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Transport information

ADR : no dangerous good in sense of this transportation-regulation

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

none

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 skin contact
Respiratory protection:		not necessary

Application

For welding austenitic materials, steel and other metals. For the protection of welding nozzles and welding equipment. Vehicle construction, extraordinary construction, steelwork, container- and boiler construction, crane construction, automotive- and supply industry and other metalworking enterprises.
Apply a thin and even layer. Start welding as usual.

Technical data

Appearance :	Liquid		
Colour :	colourless		
Odour :	characteristic		
Boiling temperature :	ca. 100 °C	Solidifying temperature :	< 0 °C
Flash point :	not relevant	Ignition temperature :	not relevant
Lower explosion limit :	not relevant	Upper explosion limit :	not relevant
Density (20 °C) :	ca. 1 g/cm ³	pH-value :	ca. 8,6
VOC (EG) :	0 Wt %	VOC (CH) :	0 Wt %

Storage

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): 12

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 99 wastes not otherwise specified	15 01 02 plastic 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

D50002	500 ml PET bottle with trigger – TU: 20 x 500 ml (1 box)
D02002	20 l Jerry can
D20002	200 l Drum
D10002	1000 l IBC