

Technical Datasheet



Trade name : E-WELD 4
Reviewed: 30.07.2025
Date of print : 02.10.2025

Page : 1 of 1

Description

E-WELD 4 is a welding protection spray, a release agent that prevents welding beads from sticking to the surfaces of workpieces and promotes attractive welding results. Experience has shown that the product is used in industry, vehicle construction, steel construction, container and boiler construction, crane construction, the automotive and supplier industries, and other metalworking sectors.

Application

E-WELD 4 can be used in MIG and MAG arc welding processes as well as in laser and plasma cutting for welding equipment and workpieces made of steel, stainless steel, aluminium and other metals. The release agent is ready to use and can be easily sprayed on thinly to the surface to be protected before the usual welding process. Release agent accumulations in the seam area are not a problem for a pore-free and load-bearing weld seam due to the 'Moses effect'.

Concentration recommendations (in volume%) for typical uses of the product:

Manual use	100
------------	-----

Compatibility with common materials:

Steel / Stainless steel		Aluminium		Non-ferrous metals	
plastics		Painted surfaces		Galvanized surfaces	

In the case of sensitive materials, please test the product on a sample or an inconspicuous part of the individual piece before use. If you are unsure, we will be happy to advise you. Further information on labeling, handling and disposal of the product is available from the safety data sheet.

Key to above table :

resistant	limited resistant	not resistant
-----------	-------------------	---------------

Environmental Aspects

E-WELD 4 does not contain any highly volatile organic compounds, but is water-based and consists of more than 98% readily biodegradable active ingredients*. Just over 40% of its active ingredients* come from renewable sources such as rapeseed and the miracle tree. This product is a treated commodity and has been treated with preservatives for storage purposes.

* Water is excluded as an active ingredient.

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

Not classified according to CLP regulation

Transport information

No dangerous goods according to the transport guidelines

Water hazard class (Classification according to AwSV)

Water hazard class : 1 (Slightly hazardous to water)

Order information

D10012	1000 l IBC	D02012	20 l Jerry can
D50012	500 ml r-PET-bottle with trigger	D20012	200 l Drum
D50012-BX	20x 500 ml r-PET-bottle with 10x trigger		